# CP Papers on Scheduling

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## 1 Introduction

This document shows the result of a survey on "Constraint Programming and Scheduling", which tries to find and classify all publications on the combination of these two concepts. It is based on a manually collected bibfile containing reference to relevant papers and articles, and on an automatic and manual analysis of local copies of the cited papers. For copyright reasons, we are obviously not able to distribute the collected copies, but we provide links to the original sources of the files.

We identify the papers by a key which is the last name of the first author, the first character of the last names of all other authors, and a two digit year code for the date of publication. If multiple works would define the same key, we differentiate by adding a suffix "a", "b", etc, to the second and subsequent works found.

Most of the content of this document is generated by a Java program that parses the bib files, adds any manually extracted information, and which then extracts concept occurrences from the local copies of the works. It then produces tables and other LaTeX artifacts that are included in a manually defined top-level document.

To add new works, first add bibtex entries for each work in the main `overview/bib.bib` file, then add local copies of the pdf of the work to the `works/` directory, using the key of the bibtex entry as the file name (plus extension .pdf), and then run the main Java program `org.insightcentre.pthg24.JfxApp` to consolidate the information and extract the relevant concepts. Finally, run `pdflatex` on the `overview/scheduling.tex` file to produce this pdf document. Manually extracted information for the files can be added in the `imports/manual.csv` file. New concepts can be added in the file `imports/concepts.json`, new concept types need to be directly defined in the Java code.

We start the document by providing a table of all defined keys in the bib file in alphabetical order. This table can be helpful to see if a candidate paper is already in the survey, it suffices to see if the key is already present, and matches the authors, title and origin of the candidate paper. In the table the hyper-link given by the key points to the local copy of the file, while the citation number links to the bibliography entry. That entry typically also contains a link to the original source of the paper.

This document heavily depends on the use of hyper links in the document, it has been tested with Acrobat Reader, other pdf reader may not use links in the same way. If you read the on-line version of the document, the links to the local files will not be active.

Table 1: Key Overview (Total: 892)

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| AalianPG23 [1] | AbdennadherS99 [2] | AbidinK20 [3] | AbohashimaEG21 [4] | AbreuAPNM21 [232] | AbreuN22 [233] |
| AbreuNP23 [234] | AbreuPNF23 [5] | AbrilSB05 [6] | AchterbergBKW08 [8] | Acuna-AgostMFG09 [9] | Adelgren2023 [11] |
| AfsarVPG23 [12] | AggounB93 [13] | AggounMV08 [14] | AggounV04 [15] | AgussurjaKL18 [17] | AjiliW04 [18] |
| AkkerDH07 [856] | AkramNHRSA23 [19] | Alaka21 [21] | AlakaP23 [22] | AlakaPY19 [23] | AlesioBNG15 [24] |
| AlesioNBG14 [247] | AlfieriGPS23 [25] | AlizdehS20 [26] | AmadiniGM16 [27] | AngelsmarkJ00 [28] | AntunesABD18 [29] |
| AntunesABD20 [30] | AntuoriHHEN20 [31] | AntuoriHHEN21 [32] | ArbaouiY18 [35] | Arkhipov19 [36] | ArkhipovBL19 [37] |
| ArmstrongGOS21 [38] | ArmstrongGOS22 [39] | AronssonBK09 [41] | ArtiguesBF04 [42] | ArtiguesDN08 [43] | ArtiguesF07 [44] |
| ArtiguesHQT21 [45] | ArtiguesL14 [46] | ArtiguesLH13 [47] | ArtiguesR00 [48] | ArtiouchineB05 [49] | Astrand0F21 [51] |
| Astrand21 [50] | AstrandJZ18 [52] | AstrandJZ20 [53] | AwadMDMT22 [54] | BadicaBI20 [55] | BadicaBIL19 [56] |
| BajestaniB11 [57] | BajestaniB13 [58] | BajestaniB15 [59] | Balduccini11 [60] | BalochG20 [61] | BandaSC11 [236] |
| Baptiste02 [62] | Baptiste09 [63] | BaptisteB18 [64] | BaptisteLPN06 [65] | BaptisteLV92 [71] | BaptisteP00 [69] |
| BaptisteP95 [67] | BaptisteP97 [68] | BaptistePN01 [70] | BaptistePN99 [66] | BarbulescuWH04 [72] | BarlattCG08 [73] |
| Bartak02 [75] | Bartak02a [74] | Bartak14 [76] | BartakCS10 [77] | BartakS11 [78] | BartakSR08 [83] |
| BartakSR10 [79] | BartakV15 [80] | BartoliniBBLM14 [81] | BarzegaranZP20 [84] | Beck06 [86] | Beck07 [87] |
| Beck10 [88] | Beck99 [85] | BeckDDF98 [89] | BeckDF97 [90] | BeckDSF97 [91] | BeckDSF97a [92] |
| BeckF00 [97] | BeckF00a [96] | BeckF98 [94] | BeckF99 [95] | BeckFW11 [93] | BeckPS03 [98] |
| BeckR03 [99] | BeckW04 [100] | BeckW05 [101] | BeckW07 [102] | Bedhief21 [103] | BegB13 [104] |
| BehrensLM19 [105] | BeldiceanuC01 [107] | BeldiceanuC02 [108] | BeldiceanuC94 [111] | BeldiceanuCDP11 [109] | BeldiceanuCP08 [110] |
| BeldiceanuP07 [112] | BelhadjiI98 [113] | BenderWS21 [114] | BenediktMH20 [116] | BenediktSMVH18 [117] | BeniniBGM05 [118] |
| BeniniBGM05a [119] | BeniniBGM06 [120] | BeniniLMMR08 [121] | BeniniLMR08 [122] | BeniniLMR11 [123] | BenoistGR02 [124] |
| BensanaLV99 [125] | BertholdHLMS10 [126] | BessiereHMQW14 [127] | BhatnagarKL19 [128] | BidotVLB07 [129] | BidotVLB09 [130] |
| BillautHL12 [131] | Bit-Monnot23 [132] | BlazewiczDP96 [173] | BlazewiczEP19 [133] | BlomBPS14 [135] | BlomPS16 [136] |
| BocewiczBB09 [137] | BockmayrK98 [139] | BockmayrP06 [140] | BofillCGGPSV23 [141] | BofillCSV17 [143] | BofillCSV17a [142] |
| BofillEGPSV14 [144] | BofillGSV15 [145] | BogaerdtW19 [857] | Bonfietti16 [146] | BonfiettiLBM11 [147] | BonfiettiLBM12 [148] |
| BonfiettiLBM14 [149] | BonfiettiLM13 [150] | BonfiettiLM14 [151] | BonfiettiM12 [152] | BonfiettiZLM16 [153] | BonninMNE24 [154] |
| BoothNB16 [155] | BoothTNB16 [156] | BorghesiBLMB18 [157] | BosiM2001 [158] | BoucherBVBL97 [159] | BoudreaultSLQ22 [160] |
| BourdaisGP03 [161] | BourreauGGLT22 [162] | BreitingerL95 [164] | BriandHHL08 [165] | BridiBLMB16 [166] | BridiLBBM16 [167] |
| BruckerK00 [169] | BrusoniCLMMT96 [170] | BukchinR18 [171] | BulckG22 [855] | BurtLPS15 [172] | Caballero19 [174] |
| Caballero23 [175] | CambazardHDJT04 [176] | CambazardJ05 [177] | CampeauG22 [178] | CappartS17 [179] | CappartTSR18 [180] |
| CarchraeB09 [181] | CarchraeBF05 [182] | CarlierPSJ20 [187] | CarlierSJP21 [188] | CarlssonJL17 [189] | CarlssonKA99 [190] |
| Caseau97 [191] | CastroGR10 [192] | CatusseCBL16 [193] | CauwelaertDMS16 [194] | CauwelaertDS20 [197] | CauwelaertLS15 [195] |
| CauwelaertLS18 [196] | CestaOF99 [200] | CestaOPS14 [198] | CestaOS00 [201] | CestaOS98 [199] | ChapadosJR11 [202] |
| ChenGPSH10 [203] | ChuGNSW13 [204] | ChuX05 [205] | ChunCTY99 [206] | ChunS14 [207] | CilKLO22 [208] |
| CireCH13 [209] | CireCH16 [210] | ClautiauxJCM08 [211] | Clercq12 [235] | ClercqPBJ11 [213] | CobanH10 [214] |
| CobanH11 [215] | CohenHB17 [216] | ColT19 [218] | ColT2019a [223] | ColT22 [224] | Colombani96 [219] |
| CorreaLR07 [220] | CrawfordB94 [221] | CzerniachowskaWZ23 [222] | DannaP03 [226] | DannaP04 [225] | Darby-DowmanLMZ97 |

Table 1: Key Overview (Total: 892)

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| DarbyDowmanL98 [227] | Davenport10 [229] | DavenportKRSH07 [230] | Davis87 [231] | Dejemeppe16 [238] | DejemeppeCS15 [239] |
| DejemeppeD14 [240] | Demassey03 [241] | DemasseyAM05 [242] | DemirovicS18 [243] | Derrien15 [244] | DerrienP14 [245] |
| DerrienPZ14 [246] | DilkinaDH05 [248] | DilkinaH04 [249] | DincbasS91 [251] | DincbasSH90 [252] | DoRZ08 [253] |
| DomdorfPH03 [254] | DoomsH08 [255] | Dorndorf2000 [258] | DorndorfHP99 [256] | DorndorfPH99 [257] | DoulabiRP14 [259] |
| DoulabiRP16 [260] | DraperJCJ99 [261] | EastonNT02 [262] | Edis21 [263] | EdisO11 [264] | EdisO11a [265] |
| EdwardsBSE19 [266] | EfthymiouY23 [267] | ElciOH22 [268] | ElfJR03 [269] | ElhouraniDM07 [270] | Elkhyari03 [271] |
| ElkhyariGJ02 [272] | ElkhyariGJ02a [273] | EmdeZD22 [274] | EmeretlisTAV17 [275] | EreminW01 [276] | ErkingerM17 [277] |
| ErtlK91 [278] | EscobetPQPRA19 [279] | EskeyZ90 [280] | EsquirolLH2008 [281] | EtminaniesfahaniGNMS22 [282] | EvenSH15 [283] |
| EvenSH15a [284] | FachiniA20 [285] | Fahimi16 [286] | FahimiOQ18 [287] | FahimiQ23 [288] | FalaschiGMP97 [289] |
| FallahiAC20 [290] | FalqueALM24 [291] | FanXG21 [292] | FarsiTM22 [293] | Fatemi-AnarakiTFV23 [294] | FeldmanG89 [296] |
| FelizariAL09 [297] | FetgoD22 [298] | FocacciLN00 [300] | FontaineMH16 [302] | ForbesHJST24 [303] | FortinZDF05 [304] |
| FoxAS82 [305] | FoxS90 [306] | FrankDT16 [307] | FrankK03 [308] | FrankK05 [309] | FriedrichFMRSST14 [3 |
| FrimodigECM23 [311] | FrimodigS19 [312] | Froger16 [313] | FrohnerTR19 [314] | FrostD98 [315] | FukunagaHFAMN02 [3 |
| GalleguillosKSB19 [317] | GarganiR07 [319] | GarridoAO09 [320] | GarridoOS08 [321] | GayHLS15 [322] | GayHS15 [323] |
| GayHS15a [324] | GaySS14 [325] | GedikKBR17 [327] | GedikKEK18 [326] | GeibingerKKMMW21 [328] | GeibingerMM19 [330] |
| GeibingerMM21 [331] | GeitzGSSW22 [332] | GelainPRVW17 [333] | German18 [335] | Geske05 [336] | GetoorOFC97 [337] |
| GhandehariK22 [338] | GhasemiMH23 [339] | GilesH16 [340] | GingrasQ16 [341] | GlobusCLP04 [342] | GodardLN05 [343] |
| Godet21a [344] | GodetLHS20 [345] | GoelSHFS15 [346] | GokGSTO20 [347] | GokPTGO23 [348] | GokgurHO18 [349] |
| GoldwaserS17 [350] | GoldwaserS18 [351] | Goltz95 [352] | GombolayWS18 [353] | GomesHS06 [354] | GomesM17 [355] |
| GongLMW09 [356] | GrimesH10 [358] | GrimesH11 [359] | GrimesH15 [360] | GrimesHM09 [361] | GrimesIOS14 [362] |
| Groleaz21 [363] | GroleazNS20 [365] | GroleazNS20a [364] | Gronkvist06 [366] | GruianK98 [367] | GuSS13 [368] |
| GuSSWC14 [369] | GuSW12 [370] | GunerGSKD23 [371] | GuoHLW20 [372] | GuoZ23 [373] | GurEA19 [934] |
| GurPAE23 [374] | GuyonLPR12 [375] | HachemiGR11 [376] | Ham18 [383] | Ham18a [377] | Ham20 [379] |
| Ham20a [378] | HamC16 [384] | HamFC17 [380] | HamP21 [381] | HamPK21 [382] | HamdiL13 [385] |
| Hamscher91 [386] | HanenKP21 [387] | HarjunkoskiG02 [388] | HarjunkoskiJG00 [389] | HarjunkoskiMBC14 [390] | HauderBRPA20 [394] |
| He0GLW18 [395] | HebrardALLCMR22 [396] | HebrardHJMPV16 [397] | HebrardTW05 [398] | HechingH16 [400] | HechingHK19 [399] |
| HeckmanB11 [401] | HeinzB12 [402] | HeinzKB13 [403] | HeinzNVH22 [407] | HeinzS11 [405] | HeinzSB13 [406] |
| HeinzSSW12 [404] | HeipckeCCS00 [409] | HentenryckM04 [411] | HentenryckM08 [412] | Henz01 [413] | HenzMT04 [414] |
| HermenierDL11 [415] | HillBCGN22 [417] | HillTV21 [418] | HladikCDJ08 [419] | HoYCLLCLC18 [420] | HoeveGSL07 [859] |
| Hooker00 [421] | Hooker02 [422] | Hooker04 [423] | Hooker05 [424] | Hooker05a [425] | Hooker05b [426] |
| Hooker06 [427] | Hooker06a [428] | Hooker07 [429] | Hooker10 [430] | Hooker17 [431] | Hooker19 [432] |
| HookerH17 [436] | HookerO03 [434] | HookerO99 [433] | HookerOTK00 [435] | HookerY02 [437] | HoundjiSW19 [438] |
| HoundjiSWD14 [439] | HubnerGSV21 [440] | Hunsberger08 [441] | HurleyOS16 [442] | IfrimOS12 [443] | IklassovMR023 [444] |
| IsikYA23 [445] | JainG01 [448] | JainM99 [447] | Jans09 [449] | JelinekB16 [450] | JoLLH99 [451] |
| Johnston05 [212] | JourdanFRD94 [452] | JungblutK22 [453] | Junker00 [454] | JussienL02 [455] | JuvinHHL23 [456] |
| JuvinHL22 [457] | JuvinHL23 [458] | JuvinHL23a [459] | KamarainenS02 [460] | Kameugne14 [461] | Kameugne15 [462] |

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|---|---|---|---|---|---|
| KameugneF13 [465] | KameugneFGOQ18 [463] | KameugneFND23 [464] | KameugneFSN11 [466] | KameugneFSN14 [467] | KanetAG04 [468] |
| KelarevaTK13 [469] | KelbelH11 [470] | KendallKRU10 [471] | KengY89 [472] | KeriK07 [473] | KhayatLR06 [474] |
| KhemmoudjPB06 [475] | KimCMLLP23 [476] | KinsellaS0OS16 [477] | KizilayC20 [478] | KlankeBYE21 [479] | KletzanderM17 [480] |
| KletzanderM20 [481] | KletzanderMH21 [482] | KoehlerBFFHPSSS21 [483] | KonowalenkoMM19 [486] | KorbaaYG00 [488] | KorbaaYG99 [487] |
| KoschB14 [489] | KotaryFH22 [490] | KovacsB07 [491] | KovacsB08 [492] | KovacsB11 [493] | KovacsEKV05 [494] |
| KovacsK11 [495] | KovacsTKSG21 [498] | KovacsV04 [496] | KovacsV06 [497] | KreterSS15 [499] | KreterSS17 [500] |
| KreterSSZ18 [501] | KrogtLPHJ07 [858] | KuB16 [502] | Kuchcinski03 [503] | KuchcinskiW03 [504] | KucukY19 [507] |
| Kumar03 [505] | KusterJF07 [506] | Laborie03 [508] | Laborie05 [509] | Laborie09 [510] | Laborie18a [511] |
| LaborieR14 [513] | LaborieRSV18 [512] | LacknerMMWW21 [514] | LacknerMMWW23 [515] | LahimerLH11 [516] | LammaMM97 [518] |
| LarsonJC14 [519] | LauLN08 [520] | Layfield02 [522] | LeeKLKKYHP97 [523] | Lemos21 [524] | Letort13 [525] |
| LetortBC12 [526] | LetortCB13 [527] | LetortCB15 [528] | LiFJZLL22 [531] | LiLZDZW24 [530] | LiW08 [529] |
| LiessM08 [532] | LimAHO02a [533] | LimBTBB15 [537] | LimBTBB15a [536] | LimHTB16 [535] | LimRX04 [534] |
| Limtanyakul07 [538] | LimtanyakulS12 [539] | LipovetzkyBPS14 [540] | LiuCGM17 [546] | LiuGT10 [544] | LiuJ06 [547] |
| LiuLH18 [541] | LiuLH19 [543] | LiuLH19a [542] | LiuW11 [545] | Lombardi10 [548] | LombardiBM15 [549] |
| LombardiBMB11 [550] | LombardiM09 [551] | LombardiM10 [553] | LombardiM10a [552] | LombardiM12 [555] | LombardiM12a [554] |
| LombardiM13 [556] | LombardiMB13 [557] | LombardiMRB10 [558] | LopesCSM10 [559] | LopezAKYG00 [560] | LorigeonBB02 [561] |
| LouieVNB14 [562] | LozanoCDS12 [563] | LuZZYW24 [564] | LudwigKRBMS14 [566] | Lunardi20 [568] | LunardiBLRV20 [567] |
| LuoB22 [570] | LuoVLBM16 [569] | Madi-WambaB16 [573] | Madi-WambaLOBM17 [574] | MagataoAN05 [575] | Maillard15 [576] |
| MakMS10 [577] | Malapert11 [578] | MalapertCGJLR12 [579] | MalapertCGJLR13 [580] | MalapertGR12 [581] | MalapertN19 [582] |
| Malik08 [583] | MalikMB08 [584] | MaraveliasCG04 [585] | MaraveliasG04 [586] | MarliereSPR23 [587] | MartinPY01 [589] |
| MartnezAJ22 [590] | Mason01 [591] | Mehdizadeh-Somarin23 [592] | MejiaY20 [593] | MelgarejoLS15 [16] | Menana11 [594] |
| MenciaSV12 [595] | MenciaSV13 [596] | MengGRZSC22 [597] | MengLZB21 [598] | MengZRZL20 [599] | Mercier-AubinGQ20 [6 |
| MercierH07 [601] | MercierH08 [600] | MeskensDHG11 [603] | MeskensDL13 [604] | MeyerE04 [605] | Milano11 [606] |
| MilanoORT02 [607] | MilanoW06 [608] | MilanoW09 [609] | MintonJPL90 [610] | MintonJPL92 [611] | MoffittPP05 [612] |
| MokhtarzadehTNF20 [613] | MonetteDD07 [614] | MonetteDH09 [615] | MontemanniD23 [617] | MontemanniD23a [616] | MorgadoM97 [618] |
| MossigeGSMC17 [619] | MouraSCL08 [621] | MouraSCL08a [620] | MullerMKP22 [622] | MurinR19 [623] | MurphyMB15 [625] |
| MurphyRFSS97 [624] | MurthyRAW97 [626] | Muscettola02 [628] | Muscettola94 [627] | Musliu05 [629] | MusliuSS18 [630] |
| NaderiBZ22 [633] | NaderiBZ22a [631] | NaderiBZ23 [634] | NaderiBZR23 [632] | NaderiR22 [635] | NaderiRBAU21 [636] |
| NaderiRR23 [637] | NaqviAIAAA22 [638] | Nattaf16 [639] | NattafAL15 [640] | NattafAL17 [641] | NattafALR16 [642] |
| NattafDYW19 [643] | NattafHKAL19 [644] | NattafM20 [645] | NeronABCDD06 [660] | NishikawaSTT18 [648] | NishikawaSTT18a [649] |
| NishikawaSTT19 [650] | NouriMHD23 [852] | NovaraNH16 [651] | Novas19 [652] | NovasH10 [653] | NovasH12 [654] |
| NovasH14 [655] | NuijtenA94 [657] | NuijtenA94a [656] | NuijtenA96 [658] | NuijtenP98 [659] | OddiPCC03 [661] |
| OddiPCC05 [662] | OddiRC10 [663] | OddiRCS11 [664] | OddiS97 [665] | OhrimenkoSC09 [666] | OkanoDTRYA04 [667] |
| OrnekO16 [668] | OrnekOS20 [669] | OuelletQ13 [670] | OuelletQ18 [671] | OuelletQ22 [672] | OujanaAYB22 [673] |
| OzturkTHO10 [675] | OzturkTHO12 [674] | OzturkTHO13 [676] | OzturkTHO15 [677] | PachecoPR19 [678] | PacinoH11 [679] |
| PandeyS21a [680] | PapaB98 [684] | Pape94 [681] | PapeB96 [682] | PapeB97 [683] | ParkUJR19 [685] |

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| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| PembertonG98 [686] | PengLC14 [687] | PenzDN23 [688] | PerezGSL23 [689] | Perron05 [691] | PerronSF04 [692] |
| PesantGPR99 [693] | PesantRR15 [694] | PeschT96 [695] | Pinarbasi21 [714] | PinarbasiA20 [715] | PinarbasiAY19 [698] |
| PintoG97 [699] | PoderB08 [700] | PoderBS04 [701] | PohlAK22 [702] | PolicellaWSO05 [703] | Polo-MejiaALB20 [704] |
| PopovicCGNC22 [705] | PourDERB18 [706] | PovedaAA23 [707] | Pralet17 [708] | PraletLJ15 [709] | PrataAN23 [710] |
| Prosser89 [712] | Puget95 [713] | QinDCS20 [717] | QinDS16 [718] | QinWSLS21 [716] | QuSN06 [719] |
| QuirogaZH05 [720] | RabbaniMM21 [721] | RasmussenT06 [723] | RasmussenT07 [724] | RasmussenT09 [725] | ReddyFIBKAJ11 [726] |
| Refalo00 [727] | RenT09 [728] | RendlPHPR12 [729] | Rgin2001 [750] | RiahiNS018 [730] | Ribeiro12 [731] |
| RiiseML16 [732] | Rit86 [733] | Rodosek94 [734] | RodosekW98 [735] | RodosekWH99 [736] | Rodriguez07 [737] |
| Rodriguez07b [738] | RodriguezDG02 [739] | RodriguezS09 [740] | RoePS05 [741] | RoshanaeiBAUB20 [742] | RoshanaeiLAU17 [744] |
| RoshanaeiLAU17a [743] | RoshanaeiN21 [745] | RossiTHP07 [746] | RoweJCA96 [747] | RuggieroBBMA09 [748] | RussellU06 [749] |
| SacramentoSP20 [751] | SadehF96 [752] | Sadykov04 [753] | SadykovW06 [754] | SakkoutRW98 [755] | SakkoutW00 [756] |
| Salido10 [757] | Schaerf96 [758] | Schaerf97 [759] | SchausD08 [760] | SchausHMCMD11 [761] | SchildW00 [762] |
| SchnellH15 [763] | SchnellH17 [764] | Schutt11 [765] | SchuttCSW12 [766] | SchuttFS13 [768] | SchuttFS13a [767] |
| SchuttFSW09 [769] | SchuttFSW11 [771] | SchuttFSW13 [772] | SchuttFSW15 [773] | SchuttS16 [774] | SchuttW10 [775] |
| SchuttWS05 [776] | SenderovichBB19 [777] | SerraNM12 [778] | ShaikhK23 [779] | ShiYXQ22 [781] | ShinBBHO18 [782] |
| Siala15 [783] | Siala15a [784] | SialaAH15 [785] | SimoninAHL12 [786] | SimoninAHL15 [787] | Simonis07 [791] |
| Simonis95 [789] | Simonis95a [788] | Simonis99 [790] | SimonisC95 [793] | SimonisCK00 [792] | SimonisH11 [794] |
| SmithBHW96 [795] | SmithC93 [796] | SourdN00 [797] | SquillaciPR23 [798] | StidsenKM96 [799] | SuCC13 [800] |
| SubulanC22 [801] | SultanikMR07 [802] | SunLYL10 [805] | SunTB19 [803] | SureshMOK06 [806] | SvancaraB22 [807] |
| SzerediS16 [808] | TanSD10 [811] | TanT18 [810] | TanZWGQ19 [812] | TangB20 [813] | TangLWSK18 [814] |
| TardivoDFMP23 [815] | Tassel22 [816] | TasselGS23 [817] | Tay92 [819] | Teppan22 [820] | TerekhovDOB12 [821] |
| TerekhovTDB14 [822] | Tesch16 [823] | Tesch18 [824] | ThiruvadyBME09 [825] | ThiruvadyWGS14 [826] | ThomasKS20 [827] |
| Thorsteinsson01 [828] | Timpe02 [829] | Tom19 [830] | TopaloglugO11 [831] | TopaloglugSS12 [832] | TorresL00 [833] |
| TouatBT22 [834] | Touraivane95 [835] | TranAB16 [836] | TranB12 [837] | TranDRFWOVB16 [838] | TranPZLDB18 [839] |
| TranTDB13 [840] | TranVNB17 [841] | TranVNB17a [842] | TranWDRFOVB16 [843] | TrentesauxPT01 [844] | Trick03 [845] |
| Trick11 [846] | TrojetHL11 [847] | Tsang03 [848] | TsurutaS00 [849] | UnsalO13 [850] | UnsalO19 [851] |
| Valdes87 [853] | ValleMGT03 [854] | VanczaM01 [860] | VerfaillieL01 [861] | Vilim02 [862] | Vilim03 [863] |
| Vilim04 [864] | Vilim05 [865] | Vilim09 [866] | Vilim09a [867] | Vilim11 [868] | VilimBC04 [869] |
| VilimBC05 [870] | VilimLS15 [871] | VillaverdeP04 [872] | VlkHT21 [873] | Wallace06 [876] | Wallace94 [874] |
| Wallace96 [875] | WallaceF00 [878] | WallaceY20 [877] | WangB20 [879] | WangB23 [880] | WangMD15 [881] |
| WariZ19 [882] | WatsonB08 [884] | WatsonBHW99 [883] | WeilHFP95 [885] | WessenCS20 [886] | WessenCSFPM23 [887] |
| WikarekS19 [888] | WinterMMW22 [889] | Wolf03 [890] | Wolf05 [891] | Wolf09 [895] | Wolf11 [892] |
| WolfS05 [894] | WolfS05a [893] | WolinskiKG04 [896] | WuBB05 [897] | WuBB09 [898] | YangSS19 [899] |
| YeGMH94 [900] | YoshikawaKNW94 [901] | YounespourAKE19 [902] | YoungFS17 [903] | YunusogluY22 [905] | YuraszeckMC23 [906] |
| YuraszeckMCCR23 [908] | YuraszeckMPV22 [907] | Zahout21 [909] | ZampelliVSDR13 [910] | ZarandiASC20 [912] | ZarandiB12 [295] |
| ZarandiKS16 [911] | Zeballos10 [913] | ZeballosCM10 [914] | ZeballosH05 [915] | ZeballosM09 [916] | ZeballosNH11 [917] |

Table 1: Key Overview (Total: 892)

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| ZeballosQH10 [918] | ZengM12 [919] | ZhangBB22 [921] | ZhangJZL22 [920] | ZhangLS12 [924] | ZhangW18 [923] |
| ZhangYW21 [922] | ZhaoL14 [925] | Zhou96 [926] | Zhou97 [927] | ZhouGL15 [928] | ZhuS02 [929] |
| ZhuSZW23 [930] | ZibranR11 [931] | ZibranR11a [932] | ZouZ20 [933] | abs-0907-0939 [696] | abs-1009-0347 [770] |
| abs-1901-07914 [106] | abs-1902-01193 [20] | abs-1902-09244 [393] | abs-1911-04766 [329] | abs-2102-08778 [217] | abs-2211-14492 [804] |
| abs-2305-19888 [408] | abs-2306-05747 [818] | abs-2312-13682 [690] | abs-2402-00459 [647] | | |

## 2 Conference Paper List

This section presents the information for all conference papers included in the survey. For space reasons, not all information about the papers can be presented in a single table, we therefore split the data into three parts. The first part contains the main bibliographical information for the paper. The papers are sorted by year of publication (newest first), and then alphabetically by key.

The key field of the table contains a hyperlink to the original source URL of the paper. You may have to navigate manually to see or download the actual paper content, and you may be unable to access the paper at all if it is behind a paywall for which you (or your organization) do not have access.

We then list the authors of the paper, in the order given in the bibtex file, abbreviating first names for space where we can identify them. Note that names with non-latin characters are not handled by latex. We use the form that is given in the bibtex file, but have excluded entries that cause latex to fail.

We then give the title of the publication, using the original capitalization of the title entry in the bibtex entry, which may differ from the format shown in the bibliography. We then (column LC) provide a link to a local copy, if it is present, and a link to the bibliography entry of the paper. We also show the year of publication, and the conference where the paper was published, using a short form abbreviation of the conference. This relies on a matching routine in the Java code to find the short title, new conference series may require an additional entry in `ImportBibtex.java` to work properly. Finally we list the number of pages of the paper, this information is using the bibtex entry where possible, otherwise uses `pdfinfo` to extract the actual number of pages from the local copy. The final columns b and c provide links to the corresponding tables of extracted concepts and manual information. Note that the links typically go to the correct page, but do not necessarily scroll to the correct line in the table.

## 2.1 Papers from bibtex

Table 2: PAPER (Total 445)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonninMNE24 BonninMNE24 | C. Bonnin, A. Malapert, M. Nattaf, M.-L. Espinouse | Toward a Global Constraint for Minimizing the Flowtime | Yes | [154] | 2024 | ICORES 2024 | 12 | 0 0 0 | 0 0 | 522 | n/a |
| FalqueALM24 FalqueALM24 | T. Falque, G. Audemard, C. Lecoutre, B. Mazure | Check-In Desk Scheduling Optimisation at CDG International Airport | Yes | [291] | 2024 | AAAI 2024 | 9 | 0 0 0 | 0 0 | 580 | 873 |
| LiLZDZW24 LiLZDZW24 | L. Li, S. Liang, Z. Zhu, C. Ding, H. Zha, B. Wu | Learning to Optimize Permutation Flow Shop Scheduling via Graph-Based Imitation Learning | Yes | [530] | 2024 | AAAI 2024 | 9 | 0 0 0 | 0 0 | 694 | 874 |
| AalianPG23 AalianPG23 | Y. Aalian, G. Pesant, M. Gamache | Optimization of Short-Term Underground Mine Planning Using Constraint Programming | Yes | [1] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 446 | 875 |
| Bit-Monnot23 Bit-Monnot23 | A. Bit-Monnot | Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling | Yes | [132] | 2023 | ECAI 2023 | 8 | 0 0 0 | 0 0 | 509 | 876 |
| BofillCGGPSV23 BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| EfthymiouY23 EfthymiouY23 | N. Efthymiou, N. Yorke-Smith | Predicting the Optimal Period for Cyclic Hoist Scheduling Problems | Yes | [267] | 2023 | CPAIOR 2023 | 16 | 0 0 1 | 23 26 | 571 | 877 |
| IklassovMR023 IklassovMR023 | Z. Iklassov, D. Medvedev, Ruben Solozabal Ochoa de Retana, M. Takác | On the Study of Curriculum Learning for Inferring Dispatching Policies on the Job Shop Scheduling | Yes | [444] | 2023 | IJCAI 2023 | 9 | 0 0 0 | 0 0 | 648 | 878 |
| JuvinHHL23 JuvinHHL23 | C. Juvin, E. Hebrard, L. Houssin, P. Lopez | An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling | Yes | [456] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 654 | 879 |
| JuvinHL23 JuvinHL23 | C. Juvin, L. Houssin, P. Lopez | Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty | Yes | [458] | 2023 | CPAIOR 2023 | 16 | 0 1 0 | 11 12 | 655 | 880 |
| KameugneFND23 KameugneFND23 | R. Kameugne, S. B. Fetgo, T. Noulamo, C. T. Djamégni | Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density | Yes | [464] | 2023 | CP 2023 | 17 | 0 0 0 | 0 0 | 658 | 881 |
| KimCMLLP23 KimCMLLP23 | D. Kim, Y. Choi, K. Moon, M. Lee, K. Lee, M. L. Pinedo | Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting | Yes | [476] | 2023 | CPAIOR 2023 | 16 | 0 0 0 | 13 14 | 664 | 882 |
| Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 | Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, B. V. Nouri | A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability | Yes | [592] | 2023 | APMS 2023 | 14 | 0 0 0 | 0 31 | 724 | 883 |
| PerezGSL23 PerezGSL23 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports | Yes | [689] | 2023 | ICTAI 2023 | 7 | 0 0 0 | 0 19 | 761 | 884 |
| PovedaAA23 PovedaAA23 | G. Povéda, N. Álvarez, C. Artigues | Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars | Yes | [707] | 2023 | CP 2023 | 21 | 0 0 0 | 0 0 | 768 | 885 |
| SquillaciPR23 SquillaciPR23 | S. Squillaci, C. Pralet, S. Roussel | Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches | Yes | [798] | 2023 | CPAIOR 2023 | 17 | 0 0 0 | 19 23 | 806 | 886 |
| TardivoDFMP23 TardivoDFMP23 | F. Tardivo, A. Dovier, A. Formisano, L. Michel, E. Pontelli | Constraint Propagation on GPU: A Case Study for the Cumulative Constraint | Yes | [815] | 2023 | CPAIOR 2023 | 18 | 0 0 0 | 30 48 | 814 | 887 |
| TasselGS23 TasselGS23 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [817] | 2023 | ICAPS 2023 | 9 | 0 1 2 | 0 0 | 816 | 888 |
| WangB23 WangB23 | R. Wang, N. Barnier | Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling | Yes | [880] | 2023 | ICTAI 2023 | 8 | 0 0 0 | 0 19 | 848 | 889 |
| YuraszeckMC23 YuraszeckMC23 | F. Yuraszeck, G. Mejía, D. Canut-de-Bon | A competitive constraint programming approach for the group shop scheduling problem | Yes | [906] | 2023 | ANT 2023 | 6 | 1 1 1 | 15 18 | 863 | 890 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| ArmstrongGOS22 ArmstrongGOS22 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times | Yes | [39] | 2022 | CPAIOR 2022 | 13 | 0 0 0 | 14 15 | 461 | 891 |
| BoudreaultSLQ22 BoudreaultSLQ22 | R. Boudreault, V. Simard, D. Lafond, C.-G. Quimper | A Constraint Programming Approach to Ship Refit Project Scheduling | Yes | [160] | 2022 | CP 2022 | 16 | 0 0 0 | 0 0 | 524 | 892 |
| GeitzGSSW22 GeitzGSSW22 | M. Geitz, C. Grozea, W. Steigerwald, R. Stöhr, A. Wolf | Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches | Yes | [332] | 2022 | CPAIOR 2022 | 18 | 0 1 3 | 24 36 | 603 | 893 |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| JungblutK22 JungblutK22 | P. Jungblut, D. Kranzlmüller | Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming | Yes | [453] | 2022 | IPDPS 2022 | 4 | 0 1 1 | 0 0 | 652 | 894 |
| KotaryFH22 KotaryFH22 | J. Kotary, F. Fioretto, P. V. Hentenryck | Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method | Yes | [490] | 2022 | AAAI 2022 | 8 | 0 2 0 | 0 0 | 672 | 895 |
| LiFJZLL22 LiFJZLL22 | X. Li, J. Fu, Z. Jia, Z. Zhao, S. Li, S. Liu | Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment | Yes | [531] | 2022 | ICNSC 2022 | 6 | 0 1 1 | 31 34 | 693 | 896 |
| LuoB22 LuoB22 | Y. L. Luo, J. C. Beck | Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem | Yes | [570] | 2022 | CPAIOR 2022 | 17 | 0 0 1 | 28 34 | 715 | 897 |
| OuelletQ22 OuelletQ22 | Y. Ouellet, C.-G. Quimper | A MinCumulative Resource Constraint | Yes | [672] | 2022 | CPAIOR 2022 | 17 | 1 1 0 | 22 27 | 754 | 898 |
| OujanaAYB22 OujanaAYB22 | S. Oujana, L. Amodeo, F. Yalaoui, D. Brodart | Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company | Yes | [673] | 2022 | CoDIT 2022 | 6 | 1 1 2 | 21 24 | 755 | 899 |
| PopovicCGNC22 PopovicCGNC22 | L. Popovic, A. Côté, M. Gaha, F. Nguewouo, Q. Cappart | Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming | Yes | [705] | 2022 | CP 2022 | 15 | 0 0 0 | 0 0 | 767 | 900 |
| SvancaraB22 SvancaraB22 | J. Svancara, R. Barták | Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling | Yes | [807] | 2022 | ICAART 2022 | 8 | 0 0 0 | 0 0 | 809 | n/a |
| Tassel22 Tassel22 | P. Tassel | Adaptive Artificial Intelligence Scheduling Methods for Large-Scale, Stochastic, Industrial Applications | Yes | [816] | 2022 | IJCAI 2022 | 2 | 0 0 0 | 0 0 | 815 | 901 |
| Teppan22 Teppan22 | E. C. Teppan | Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment | Yes | [820] | 2022 | ICAART 2022 | 8 | 0 1 4 | 0 0 | 817 | 902 |
| TouatBT22 TouatBT22 | M. Touat, B. Benhamou, F. B.-S. Tayeb | A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints | Yes | [834] | 2022 | ICAART 2022 | 8 | 0 0 0 | 0 0 | 824 | 903 |
| WinterMMW22 WinterMMW22 | F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz | Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry | Yes | [889] | 2022 | CP 2022 | 18 | 0 0 0 | 0 0 | 852 | 904 |
| ZhangBB22 ZhangBB22 | J. Zhang, G. L. Bianco, J. C. Beck | Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware | Yes | [921] | 2022 | ICAPS 2022 | 9 | 1 2 2 | 0 0 | 865 | n/a |
| ZhangJZL22 ZhangJZL22 | H. Zhang, Y. Ji, Z. Zhao, S. Liu | Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem | Yes | [920] | 2022 | ICNSC 2022 | 6 | 0 1 1 | 21 24 | 866 | 905 |
| AntuoriHHEN21 AntuoriHHEN21 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem | Yes | [32] | 2021 | CP 2021 | 16 | 0 0 1 | 0 0 | 458 | 906 |
| ArmstrongGOS21 ArmstrongGOS21 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | The Hybrid Flexible Flowshop with Transportation Times | Yes | [38] | 2021 | CP 2021 | 18 | 1 0 1 | 0 0 | 460 | 907 |
| ArtiguesHQT21 ArtiguesHQT21 | C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint | Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms | Yes | [45] | 2021 | ICORES 2021 | 8 | 0 0 0 | 0 0 | 464 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Astrand0F21 Astrand0F21 | M. Åstrand, M. Johansson, H. R. Feyzmahdavian | Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS | Yes | [51] | 2021 | CPAIOR 2021 | 18 | 2 2 2 | 25 31 | 466 | 908 |
| BenderWS21 BenderWS21 | T. Bender, D. Wittwer, T. Schmidt | Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics | Yes | [114] | 2021 | ICCL 2021 | 16 | 1 1 2 | 16 20 | 496 | 909 |
| GeibingerKKMMW21 GeibingerKKMMW21 | T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter | Physician Scheduling During a Pandemic | Yes | [328] | 2021 | CPAIOR 2021 | 10 | 0 0 0 | 6 13 | 600 | 910 |
| GeibingerMM21 GeibingerMM21 | T. Geibinger, F. Mischek, N. Musliu | Constraint Logic Programming for Real-World Test Laboratory Scheduling | Yes | [331] | 2021 | AAAI 2021 | 9 | 0 1 0 | 0 0 | 602 | 911 |
| HanenKP21 HanenKP21 | C. Hanen, A. M. Kordon, T. Pedersen | Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors | Yes | [387] | 2021 | CPAIOR 2021 | 17 | 1 2 0 | 24 29 | 626 | 912 |
| HillTV21 HillTV21 | A. Hill, J. Ticktin, T. W. M. Vossen | A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects | Yes | [418] | 2021 | CPAIOR 2021 | 19 | 0 0 3 | 38 42 | 637 | 913 |
| KlankeBYE21 KlankeBYE21 | C. Klanke, D. R. Bleidorn, V. Yfantis, S. Engell | Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant | Yes | [479] | 2021 | CPAIOR 2021 | 16 | 3 3 2 | 13 14 | 666 | 914 |
| KletzanderMH21 KletzanderMH21 | L. Kletzander, N. Musliu, P. V. Hentenryck | Branch and Price for Bus Driver Scheduling with Complex Break Constraints | Yes | [482] | 2021 | AAAI 2021 | 9 | 2 2 0 | 0 0 | 669 | n/a |
| KovacsTKSG21 KovacsTKSG21 | B. Kovács, P. Tassel, W. Kohlenbrein, P. Schrott-Kostwein, M. Gebser | Utilizing Constraint Optimization for Industrial Machine Workload Balancing | Yes | [498] | 2021 | CP 2021 | 17 | 0 0 4 | 0 0 | 675 | 915 |
| LacknerMMWW21 LacknerMMWW21 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem | Yes | [514] | 2021 | CP 2021 | 18 | 0 0 3 | 0 0 | 686 | 916 |
| AntuoriHHEN20 AntuoriHHEN20 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing | Yes | [31] | 2020 | CP 2020 | 16 | 3 3 6 | 8 16 | 457 | 917 |
| BarzegaranZP20 BarzegaranZP20 | M. Barzegaran, B. Zarrin, P. Pop | Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming | Yes | [84] | 2020 | Fog-IoT 2020 | 9 | 0 0 0 | 0 0 | 481 | 918 |
| GodetLHS20 GodetLHS20 | A. Godet, X. Lorca, E. Hebrard, G. Simonin | Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources | Yes | [345] | 2020 | AAAI 2020 | 8 | 1 1 0 | 0 0 | 611 | 919 |
| GokGSTO20 GokGSTO20 | Y. S. Gök, D. Guimarans, P. J. Stuckey, M. Tomasella, C. Öztürk | Robust Resource Planning for Aircraft Ground Operations | Yes | [347] | 2020 | CPAIOR 2020 | 17 | 2 3 8 | 14 23 | 612 | n/a |
| GroleazNS20 GroleazNS20 | L. Groleaz, S. N. Ndiaye, C. Solnon | Solving the Group Cumulative Scheduling Problem with CPO and ACO | Yes | [365] | 2020 | CP 2020 | 17 | 1 1 1 | 25 29 | 619 | 920 |
| GroleazNS20a GroleazNS20a | L. Groleaz, S. N. Ndiaye, C. Solnon | ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint | Yes | [364] | 2020 | GECCO 2020 | 9 | 3 3 3 | 28 31 | 620 | 921 |
| KletzanderM20 KletzanderM20 | L. Kletzander, N. Musliu | Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints | Yes | [481] | 2020 | ICAPS 2020 | 10 | 0 0 0 | 0 0 | 668 | n/a |
| Mercier-AubinGQ20 Mercier-AubinGQ20 | A. Mercier-Aubin, J. Gaudreault, C.-G. Quimper | Leveraging Constraint Scheduling: A Case Study to the Textile Industry | Yes | [602] | 2020 | CPAIOR 2020 | 13 | 2 2 2 | 13 17 | 726 | 922 |
| NattafM20 NattafM20 | M. Nattaf, A. Malapert | Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem | Yes | [645] | 2020 | CP 2020 | 16 | 0 0 0 | 6 12 | 744 | 923 |
| TangB20 TangB20 | T. Y. Tang, J. C. Beck | CP and Hybrid Models for Two-Stage Batching and Scheduling | Yes | [813] | 2020 | CPAIOR 2020 | 16 | 6 6 6 | 12 14 | 813 | 924 |
| ThomasKS20 ThomasKS20 | C. Thomas, R. Kameugne, P. Schaus | Insertion Sequence Variables for Hybrid Routing and Scheduling Problems | Yes | [827] | 2020 | CPAIOR 2020 | 18 | 0 0 2 | 16 28 | 821 | 925 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| WangB20 WangB20 | R. Wang, N. Barnier | Global Propagation of Transition Cost for Fixed Job Scheduling | Yes | [879] | 2020 | ECAI 2020 | 8 | 0 0 0 | 0 0 | 847 | 926 |
| WessenCS20 WessenCS20 | J. Wessén, M. Carlsson, C. Schulte | Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization | Yes | [886] | 2020 | CPAIOR 2020 | 10 | 2 2 2 | 11 19 | 851 | 927 |
| BadicaBIL19 BadicaBIL19 | A. Badica, C. Badica, M. Ivanovic, D. Logofatu | Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming | Yes | [56] | 2019 | IDC 2019 | 11 | 2 2 3 | 6 9 | 468 | 928 |
| BehrensLM19 BehrensLM19 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [105] | 2019 | ICRA 2019 | 7 | 12 17 27 | 18 27 | 491 | 929 |
| BhatnagarKL19 BhatnagarKL19 | S. Bhatnagar, A. Kumar, H. C. Lau | Decision Making for Improving Maritime Traffic Safety Using Constraint Programming | Yes | [128] | 2019 | IJCAI 2019 | 7 | 1 1 0 | 0 0 | 506 | n/a |
| BogaerdtW19 BogaerdtW19 | P. van den Bogaerdt, M. de Weerdt | Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams | Yes | [857] | 2019 | CPAIOR 2019 | 16 | 1 1 2 | 16 20 | 515 | 930 |
| ColT19 ColT19 | G. D. Col, E. C. Teppan | Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers | Yes | [218] | 2019 | CP 2019 | 17 | 11 12 17 | 12 20 | 551 | 931 |
| FrimodigS19 FrimodigS19 | S. Frimodig, C. Schulte | Models for Radiation Therapy Patient Scheduling | Yes | [312] | 2019 | CP 2019 | 17 | 3 4 4 | 26 32 | 590 | 932 |
| FrohnerTR19 FrohnerTR19 | N. Frohner, S. Teuschl, G. R. Raidl | Casual Employee Scheduling with Constraint Programming and Metaheuristics | Yes | [314] | 2019 | EUROCAST 2019 | 9 | 0 0 0 | 6 7 | 591 | n/a |
| GalleguillosKSB19 GalleguillosKSB19 | C. Galleguillos, Z. Kiziltan, A. Sîrbu, Özalp Babaoglu | Constraint Programming-Based Job Dispatching for Modern HPC Applications | Yes | [317] | 2019 | CP 2019 | 18 | 1 2 3 | 27 39 | 594 | 933 |
| GeibingerMM19 GeibingerMM19 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling | Yes | [330] | 2019 | CPAIOR 2019 | 16 | 6 9 10 | 15 23 | 601 | n/a |
| KucukY19 KucukY19 | M. Küçük, S. T. Yildiz | A Constraint Programming Approach for Agile Earth Observation Satellite Scheduling Problem | Yes | [507] | 2019 | RAST 2019 | 5 | 2 3 7 | 17 23 | 680 | n/a |
| LiuLH19 LiuLH19 | K. Liu, S. Löffler, P. Hofstedt | Solving the Talent Scheduling Problem by Parallel Constraint Programming | Yes | [543] | 2019 | AIAI 2019 | 9 | 1 1 1 | 5 11 | 705 | n/a |
| LiuLH19a LiuLH19a | K. Liu, S. Loeffler, P. Hofstedt | Solving the Social Golfers Problems by Constraint Programming in Sequential and Parallel | Yes | [542] | 2019 | ICAART 2019 | 11 | 3 3 4 | 0 0 | 706 | n/a |
| MalapertN19 MalapertN19 | A. Malapert, M. Nattaf | A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications | Yes | [582] | 2019 | CPAIOR 2019 | 17 | 1 1 1 | 7 16 | 722 | n/a |
| MurinR19 MurinR19 | S. Murín, H. Rudová | Scheduling of Mobile Robots Using Constraint Programming | Yes | [623] | 2019 | CP 2019 | 16 | 2 2 2 | 22 26 | 737 | 934 |
| PachecoPR19 PachecoPR19 | A. Pacheco, C. Pralet, S. Roussel | Constraint-Based Scheduling with Complex Setup Operations: An Iterative Two-Layer Approach | Yes | [678] | 2019 | IJCAI 2019 | 7 | 1 1 0 | 0 0 | 756 | n/a |
| ParkUJR19 ParkUJR19 | H. Park, J. Um, J.-Y. Jung, M. Ruskowski | Developing a Production Scheduling System for Modular Factory Using Constraint Programming | Yes | [685] | 2019 | RAAD 2019 | 8 | 1 1 3 | 3 6 | 759 | n/a |
| SenderovichBB19 SenderovichBB19 | A. Senderovich, K. E. C. Booth, J. C. Beck | Learning Scheduling Models from Event Data | Yes | [777] | 2019 | ICAPS 2019 | 9 | 0 0 0 | 0 0 | 796 | 935 |
| Tom19 Tom19 | M. Tom | Fuzzy Multi-Constraint Programming Model for Weekly Meals Scheduling | Yes | [830] | 2019 | FUZZ-IEEE 2019 | 6 | 0 0 0 | 21 24 | 823 | n/a |
| YangSS19 YangSS19 | M. Yang, A. Schutt, P. J. Stuckey | Time Table Edge Finding with Energy Variables | Yes | [899] | 2019 | CPAIOR 2019 | 10 | 1 1 1 | 14 18 | 860 | n/a |
| AgussurjaKL18 AgussurjaKL18 | L. Agussurja, A. Kumar, H. C. Lau | Resource-Constrained Scheduling for Maritime Traffic Management | Yes | [17] | 2018 | AAAI 2018 | 8 | 4 4 0 | 0 0 | 451 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| ArbaouiY18 ArbaouiY18 | T. Arbaoui, F. Yalaoui | Solving the Unrelated Parallel Machine Scheduling Problem with Additional Resources Using Constraint Programming | Yes | [35] | 2018 | ACIIDS 2018 | 10 | 2 2 8 | 14 15 | 459 | n/a |
| AstrandJZ18 AstrandJZ18 | M. Åstrand, M. Johansson, A. Zanarini | Fleet Scheduling in Underground Mines Using Constraint Programming | Yes | [52] | 2018 | CPAIOR 2018 | 9 | 9 9 14 | 10 14 | 467 | n/a |
| BenediktSMVH18 BenediktSMVH18 | O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek | Energy-Aware Production Scheduling with Power-Saving Modes | Yes | [117] | 2018 | CPAIOR 2018 | 10 | 2 2 4 | 12 13 | 497 | 936 |
| CappartTSR18 CappartTSR18 | Q. Cappart, C. Thomas, P. Schaus, L.-M. Rousseau | A Constraint Programming Approach for Solving Patient Transportation Problems | Yes | [180] | 2018 | CP 2018 | 17 | 6 6 11 | 31 37 | 532 | 937 |
| DemirovicS18 DemirovicS18 | E. Demirovic, P. J. Stuckey | Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts | Yes | [243] | 2018 | CPAIOR 2018 | 18 | 4 4 8 | 16 34 | 559 | n/a |
| He0GLW18 He0GLW18 | S. He, M. G. Wallace, G. Gange, A. Liebman, C. Wilson | A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing | Yes | [395] | 2018 | CP 2018 | 18 | 6 6 10 | 26 35 | 627 | 938 |
| HoYCLLCLC18 HoYCLLCLC18 | T.-W. Ho, J.-S. Yao, Y.-T. Chang, F. Lai, J.-F. Lai, S.-M. Chu, W.-C. Liao, H.-M. Chiu | A Platform for Dynamic Optimal Nurse Scheduling Based on Integer Linear Programming along with Multiple Criteria Constraints | Yes | [420] | 2018 | AICCC 2018 | 6 | 2 3 1 | 14 14 | 638 | n/a |
| KameugneFGOQ18 KameugneFGOQ18 | R. Kameugne, S. B. Fetgo, V. Gingras, Y. Ouellet, C.-G. Quimper | Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint | Yes | [463] | 2018 | CPAIOR 2018 | 17 | 1 2 2 | 12 17 | 657 | n/a |
| Laborie18a Laborie18a | P. Laborie | An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling | Yes | [511] | 2018 | CPAIOR 2018 | 9 | 18 19 25 | 10 15 | 685 | n/a |
| LiuLH18 LiuLH18 | K. Liu, S. Loeffler, P. Hofstedt | Solving the Traveling Tournament Problem with Predefined Venues by Parallel Constraint Programming | Yes | [541] | 2018 | MIKE 2018 | 16 | 2 2 1 | 7 12 | 704 | n/a |
| MusliuSS18 MusliuSS18 | N. Musliu, A. Schutt, P. J. Stuckey | Solver Independent Rotating Workforce Scheduling | Yes | [630] | 2018 | CPAIOR 2018 | 17 | 7 7 10 | 23 28 | 743 | n/a |
| NishikawaSTT18 NishikawaSTT18 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Fork-Join Tasks with Constraint Programming | Yes | [648] | 2018 | CANDAR 2018 | 6 | 2 2 2 | 14 21 | 745 | n/a |
| NishikawaSTT18a NishikawaSTT18a | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Tasks Based on Constraint Programming | Yes | [649] | 2018 | TENCON 2018 | 6 | 1 1 1 | 9 16 | 746 | n/a |
| OuelletQ18 OuelletQ18 | Y. Ouellet, C.-G. Quimper | A O(n \log ˆ2 n) Checker and O(nˆ2 \log n) Filtering Algorithm for the Energetic Reasoning | Yes | [671] | 2018 | CPAIOR 2018 | 18 | 6 8 8 | 16 23 | 753 | n/a |
| RiahiNS018 RiahiNS018 | V. Riahi, M. A. H. Newton, K. Su, A. Sattar | Local Search for Flowshops with Setup Times and Blocking Constraints | Yes | [730] | 2018 | ICAPS 2018 | 9 | 4 4 0 | 0 0 | 779 | n/a |
| TanT18 TanT18 | Y. Tan, D. Terekhov | Logic-Based Benders Decomposition for Two-Stage Flexible Flow Shop Scheduling with Unrelated Parallel Machines | Yes | [810] | 2018 | Canadian AI 2018 | 12 | 1 1 2 | 23 23 | 812 | n/a |
| Tesch18 Tesch18 | A. Tesch | Improving Energetic Propagations for Cumulative Scheduling | Yes | [824] | 2018 | CP 2018 | 17 | 5 6 7 | 21 22 | 819 | n/a |
| BofillCSV17 BofillCSV17 | M. Bofill, J. Coll, J. Suy, M. Villaret | An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources | Yes | [143] | 2017 | CP 2017 | 9 | 1 1 5 | 12 17 | 511 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCSV17a BofillCSV17a | M. Bofill, J. Coll, J. Suy, M. Villaret | Compact MDDs for Pseudo-Boolean Constraints with At-Most-One Relations in Resource-Constrained Scheduling Problems | Yes | [142] | 2017 | IJCAI 2017 | 8 | 6 7 0 | 0 0 | 512 | n/a |
| CappartS17 CappartS17 | Q. Cappart, P. Schaus | Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables | Yes | [179] | 2017 | CPAIOR 2017 | 16 | 2 2 3 | 28 34 | 531 | 939 |
| CohenHB17 CohenHB17 | E. Cohen, G. Huang, J. C. Beck | (I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals | Yes | [216] | 2017 | SAT 2017 | 17 | 1 1 4 | 12 26 | 550 | n/a |
| ErkingerM17 ErkingerM17 | C. Erkinger, N. Musliu | Personnel Scheduling as Satisfiability Modulo Theories | Yes | [277] | 2017 | IJCAI 2017 | 8 | 4 4 0 | 0 0 | 576 | n/a |
| GelainPRVW17 GelainPRVW17 | M. Gelain, M. S. Pini, F. Rossi, K. B. Venable, T. Walsh | A Local Search Approach for Incomplete Soft Constraint Problems: Experimental Results on Meeting Scheduling Problems | Yes | [333] | 2017 | CPAIOR 2017 | 16 | 1 2 2 | 5 16 | 604 | n/a |
| GoldwaserS17 GoldwaserS17 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [350] | 2017 | CP 2017 | 16 | 0 0 2 | 10 14 | 613 | 940 |
| Hooker17 Hooker17 | J. N. Hooker | Job Sequencing Bounds from Decision Diagrams | Yes | [431] | 2017 | CP 2017 | 14 | 6 6 11 | 24 27 | 643 | n/a |
| KletzanderM17 KletzanderM17 | L. Kletzander, N. Musliu | A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem | Yes | [480] | 2017 | CPAIOR 2017 | 15 | 1 1 6 | 9 14 | 667 | n/a |
| LiuCGM17 LiuCGM17 | T. Liu, R. D. Cosmo, M. Gabbrielli, J. Mauro | NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities | Yes | [546] | 2017 | CP 2017 | 17 | 0 0 0 | 15 31 | 702 | 941 |
| Madi-WambaLOBM17 Madi-WambaLOBM17 | G. Madi-Wamba, Y. Li, A.-C. Orgerie, N. Beldiceanu, J.-M. Menaud | Green Energy Aware Scheduling Problem in Virtualized Datacenters | Yes | [574] | 2017 | ICPADS 2017 | 8 | 1 1 1 | 8 18 | 718 | n/a |
| MossigeGSMC17 MossigeGSMC17 | M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson | Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems | Yes | [619] | 2017 | CP 2017 | 18 | 6 7 8 | 33 39 | 734 | n/a |
| Pralet17 Pralet17 | C. Pralet | An Incomplete Constraint-Based System for Scheduling with Renewable Resources | Yes | [708] | 2017 | CP 2017 | 19 | 1 1 2 | 30 37 | 769 | n/a |
| TranVNB17a TranVNB17a | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract) | Yes | [842] | 2017 | IJCAI 2017 | 5 | 1 1 0 | 0 0 | 829 | n/a |
| YoungFS17 YoungFS17 | K. D. Young, T. Feydy, A. Schutt | Constraint Programming Applied to the Multi-Skill Project Scheduling Problem | Yes | [903] | 2017 | CP 2017 | 10 | 6 8 13 | 21 28 | 862 | 942 |
| AmadiniGM16 AmadiniGM16 | R. Amadini, M. Gabbrielli, J. Mauro | Parallelizing Constraint Solvers for Hard RCPSP Instances | Yes | [27] | 2016 | LION 2016 | 7 | 2 2 2 | 16 20 | 454 | 943 |
| BonfiettiZLM16 BonfiettiZLM16 | A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano | The Multirate Resource Constraint | Yes | [153] | 2016 | CP 2016 | 17 | 0 0 0 | 11 18 | 521 | 944 |
| BoothNB16 BoothNB16 | K. E. C. Booth, G. Nejat, J. C. Beck | A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes | Yes | [155] | 2016 | CP 2016 | 17 | 21 21 32 | 24 31 | 523 | n/a |
| BridiLBBM16 BridiLBBM16 | T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano | DARDIS: Distributed And Randomized DIspatching and Scheduling | Yes | [167] | 2016 | ECAI 2016 | 2 | 0 0 0 | 0 0 | 526 | n/a |
| CatusseCBL16 CatusseCBL16 | N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A.-M. Lagrange, P. Rubini | A Branch-and-Price Algorithm for Scheduling Observations on a Telescope | Yes | [193] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 536 | n/a |
| CauwelaertDMS16 CauwelaertDMS16 | S. V. Cauwelaert, C. Dejemeppe, J.-N. Monette, P. Schaus | Efficient Filtering for the Unary Resource with Family-Based Transition Times | Yes | [194] | 2016 | CP 2016 | 16 | 1 1 2 | 12 20 | 537 | 945 |
| FontaineMH16 FontaineMH16 | D. Fontaine, L. Michel, P. V. Hentenryck | Parallel Composition of Scheduling Solvers | Yes | [302] | 2016 | CPAIOR 2016 | 11 | 3 3 3 | 0 0 | 583 | n/a |
| FrankDT16 FrankDT16 | J. Frank, M. Do, T. T. Tran | Scheduling Ocean Color Observations for a GEO-Stationary Satellite | Yes | [307] | 2016 | ICAPS 2016 | 9 | 4 5 0 | 0 0 | 587 | n/a |
| GilesH16 GilesH16 | K. Giles, W.-J. van Hoeve | Solving a Supply-Delivery Scheduling Problem with Constraint Programming | Yes | [340] | 2016 | CP 2016 | 16 | 2 2 2 | 6 8 | 607 | n/a |
| GingrasQ16 GingrasQ16 | V. Gingras, C.-G. Quimper | Generalizing the Edge-Finder Rule for the Cumulative Constraint | Yes | [341] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 608 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| HechingH16 HechingH16 | A. R. Heching, J. N. Hooker | Scheduling Home Hospice Care with Logic-Based Benders Decomposition | Yes | [400] | 2016 | CPAIOR 2016 | 11 | 10 11 18 | 0 0 | 630 | n/a |
| JelinekB16 JelinekB16 | J. Jelínek, R. Barták | Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station | Yes | [450] | 2016 | PADL 2016 | 10 | 0 0 0 | 5 8 | 649 | n/a |
| KinsellaS0OS16 KinsellaS0OS16 | A. Kinsella, A. F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis | Optimizing Energy Costs in a Zinc and Lead Mine | Yes | [477] | 2016 | AAAI 2016 | 6 | 1 2 0 | 0 0 | 665 | n/a |
| LimHTB16 LimHTB16 | B. Lim, H. L. Hijazi, S. Thiébaux, M. van den Briel | Online HVAC-Aware Occupancy Scheduling with Adaptive Temperature Control | Yes | [535] | 2016 | CP 2016 | 18 | 2 2 7 | 23 32 | 698 | n/a |
| LuoVLBM16 LuoVLBM16 | R. Luo, R. A. Valenzano, Y. Li, J. C. Beck, S. A. McIlraith | Using Metric Temporal Logic to Specify Scheduling Problems | Yes | [569] | 2016 | KR 2016 | 4 | 0 0 0 | 0 0 | 716 | n/a |
| Madi-WambaB16 Madi-WambaB16 | G. Madi-Wamba, N. Beldiceanu | The TaskIntersection Constraint | Yes | [573] | 2016 | CPAIOR 2016 | 16 | 0 0 2 | 0 0 | 717 | n/a |
| SchuttS16 SchuttS16 | A. Schutt, P. J. Stuckey | Explaining Producer/Consumer Constraints | Yes | [774] | 2016 | CP 2016 | 17 | 3 3 3 | 23 23 | 793 | n/a |
| SzerediS16 SzerediS16 | R. Szeredi, A. Schutt | Modelling and Solving Multi-mode Resource-Constrained Project Scheduling | Yes | [808] | 2016 | CP 2016 | 10 | 9 9 15 | 14 16 | 810 | n/a |
| Tesch16 Tesch16 | A. Tesch | A Nearly Exact Propagation Algorithm for Energetic Reasoning in \mathcal O(n^2 \log n) | Yes | [823] | 2016 | CP 2016 | 27 | 4 5 4 | 14 18 | 818 | n/a |
| TranDRFWOVB16 TranDRFWOVB16 | T. T. Tran, M. Do, E. G. Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. C. Beck | A Hybrid Quantum-Classical Approach to Solving Scheduling Problems | Yes | [838] | 2016 | SOCS 2016 | 9 | 3 9 0 | 0 0 | 827 | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| BartakV15 BartakV15 | R. Barták, M. Vlk | Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints | Yes | [80] | 2015 | ICAART 2015 | 12 | 0 0 1 | 0 0 | 479 | n/a |
| BofillGSV15 BofillGSV15 | M. Bofill, M. Garcia, J. Suy, M. Villaret | MaxSAT-Based Scheduling of B2B Meetings | Yes | [145] | 2015 | CPAIOR 2015 | 9 | 7 8 22 | 8 12 | 514 | n/a |
| BurtLPS15 BurtLPS15 | C. N. Burt, N. Lipovetzky, A. R. Pearce, P. J. Stuckey | Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study | Yes | [172] | 2015 | CPAIOR 2015 | 17 | 0 0 3 | 8 16 | 528 | n/a |
| CauwelaertLS15 CauwelaertLS15 | S. V. Cauwelaert, M. Lombardi, P. Schaus | Understanding the Potential of Propagators | Yes | [195] | 2015 | CPAIOR 2015 | 10 | 12 11 9 | 0 21 | 538 | 946 |
| DejemeppeCS15 DejemeppeCS15 | C. Dejemeppe, S. V. Cauwelaert, P. Schaus | The Unary Resource with Transition Times | Yes | [239] | 2015 | CP 2015 | 16 | 5 5 8 | 11 21 | 557 | 947 |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| GayHLS15 GayHLS15 | S. Gay, R. Hartert, C. Lecoutre, P. Schaus | Conflict Ordering Search for Scheduling Problems | Yes | [322] | 2015 | CP 2015 | 9 | 20 20 31 | 15 19 | 596 | 948 |
| GayHS15 GayHS15 | S. Gay, R. Hartert, P. Schaus | Simple and Scalable Time-Table Filtering for the Cumulative Constraint | Yes | [323] | 2015 | CP 2015 | 9 | 10 10 17 | 9 15 | 597 | 949 |
| GayHS15a GayHS15a | S. Gay, R. Hartert, P. Schaus | Time-Table Disjunctive Reasoning for the Cumulative Constraint | Yes | [324] | 2015 | CPAIOR 2015 | 16 | 5 5 6 | 12 16 | 598 | 950 |
| KreterSS15 KreterSS15 | S. Kreter, A. Schutt, P. J. Stuckey | Modeling and Solving Project Scheduling with Calendars | Yes | [499] | 2015 | CP 2015 | 17 | 7 7 9 | 16 23 | 678 | n/a |
| LimBTBB15 LimBTBB15 | B. Lim, M. van den Briel, S. Thiébaux, R. Bent, S. Backhaus | Large Neighborhood Search for Energy Aware Meeting Scheduling in Smart Buildings | Yes | [537] | 2015 | CPAIOR 2015 | 15 | 4 4 5 | 18 24 | 696 | n/a |
| LimBTBB15a LimBTBB15a | B. Lim, M. van den Briel, S. Thiébaux, S. Backhaus, R. Bent | HVAC-Aware Occupancy Scheduling | Yes | [536] | 2015 | AAAI 2015 | 8 | 3 3 0 | 0 0 | 697 | n/a |
| LombardiBM15 LombardiBM15 | M. Lombardi, A. Bonfietti, M. Milano | Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty | Yes | [549] | 2015 | CP 2015 | 16 | 0 0 0 | 8 15 | 707 | n/a |
| Maillard15 Maillard15 | A. Maillard | Flexible Scheduling for an Agile Earth-Observing Satelllite | Yes | [576] | 2015 | IJCAI 2015 | 2 | 0 0 0 | 0 0 | 719 | n/a |

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| MelgarejoLS15 MelgarejoLS15 | P. Aguiar-Melgarejo, P. Laborie, C. Solnon | A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems | Yes | [16] | 2015 | CPAIOR 2015 | 17 | 14 14 22 | 17 30 | 725 | n/a |
| MurphyMB15 MurphyMB15 | S. Óg Murphy, O. Manzano, K. N. Brown | Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System | Yes | [625] | 2015 | CP 2015 | 17 | 1 3 6 | 20 26 | 738 | n/a |
| PesantRR15 PesantRR15 | G. Pesant, G. Rix, L.-M. Rousseau | A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem | Yes | [694] | 2015 | CPAIOR 2015 | 16 | 1 1 6 | 7 9 | 764 | n/a |
| PraletLJ15 PraletLJ15 | C. Pralet, S. Lemai-Chenevier, J. Jaubert | Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search | Yes | [709] | 2015 | CP 2015 | 16 | 0 0 0 | 8 11 | 770 | n/a |
| SialaAH15 SialaAH15 | M. Siala, C. Artigues, E. Hebrard | Two Clause Learning Approaches for Disjunctive Scheduling | Yes | [785] | 2015 | CP 2015 | 10 | 4 4 4 | 17 27 | 798 | 951 |
| VilimLS15 VilimLS15 | P. Vilím, P. Laborie, P. Shaw | Failure-Directed Search for Constraint-Based Scheduling | Yes | [871] | 2015 | CPAIOR 2015 | 17 | 31 31 55 | 19 38 | 844 | n/a |
| ZhouGL15 ZhouGL15 | J. Zhou, Y. Guo, G. Li | On complex hybrid flexible flowshop scheduling problems based on constraint programming | Yes | [928] | 2015 | FSKD 2015 | 5 | 0 0 2 | 16 0 | 869 | n/a |
| AlesioNBG14 AlesioNBG14 | S. Di Alesio, S. Nejati, L. C. Briand, A. Gotlieb | Worst-Case Scheduling of Software Tasks - A Constraint Optimization Model to Support Performance Testing | Yes | [247] | 2014 | CP 2014 | 18 | 3 2 3 | 19 28 | 453 | n/a |
| BartoliniBBLM14 BartoliniBBLM14 | A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano | Proactive Workload Dispatching on the EURORA Supercomputer | Yes | [81] | 2014 | CP 2014 | 16 | 12 12 16 | 3 9 | 480 | n/a |
| BessiereHMQW14 BessiereHMQW14 | C. Bessiere, E. Hebrard, M.-A. Ménard, C.-G. Quimper, T. Walsh | Buffered Resource Constraint: Algorithms and Complexity | Yes | [127] | 2014 | CPAIOR 2014 | 16 | 1 1 1 | 3 7 | 505 | n/a |
| BofillEGPSV14 BofillEGPSV14 | M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret | Scheduling B2B Meetings | Yes | [144] | 2014 | CP 2014 | 16 | 3 4 10 | 10 17 | 513 | n/a |
| BonfiettiLM14 BonfiettiLM14 | A. Bonfietti, M. Lombardi, M. Milano | Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can! | Yes | [151] | 2014 | CPAIOR 2014 | 16 | 3 3 9 | 12 18 | 519 | n/a |
| ChunS14 ChunS14 | A. H. W. Chun, T. Y. T. Suen | Engineering Works Scheduling for Hong Kong's Rail Network | Yes | [207] | 2014 | AAAI 2014 | 8 | 3 3 0 | 0 0 | 546 | n/a |
| DejemeppeD14 DejemeppeD14 | C. Dejemeppe, Y. Deville | Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling | Yes | [240] | 2014 | CPAIOR 2014 | 9 | 0 0 0 | 7 8 | 558 | 952 |
| DerrienP14 DerrienP14 | A. Derrien, T. Petit | A New Characterization of Relevant Intervals for Energetic Reasoning | Yes | [245] | 2014 | CP 2014 | 9 | 14 15 14 | 0 0 | 560 | n/a |
| DerrienPZ14 DerrienPZ14 | A. Derrien, T. Petit, S. Zampelli | A Declarative Paradigm for Robust Cumulative Scheduling | Yes | [246] | 2014 | CP 2014 | 9 | 3 3 3 | 10 17 | 561 | n/a |
| DoulabiRP14 DoulabiRP14 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling | Yes | [259] | 2014 | CPAIOR 2014 | 9 | 3 3 10 | 10 10 | 567 | n/a |
| FriedrichFMRSST14 FriedrichFMRSST14 | G. Friedrich, M. Frühstück, V. Mersheeva, A. Ryabokon, M. Sander, A. Starzacher, E. Teppan | Representing Production Scheduling with Constraint Answer Set Programming | No | [310] | 2014 | GOR 2014 | 7 | 3 3 0 | 2 6 | No | n/a |
| GaySS14 GaySS14 | S. Gay, P. Schaus, V. D. Smedt | Continuous Casting Scheduling with Constraint Programming | Yes | [325] | 2014 | CP 2014 | 15 | 7 9 11 | 11 19 | 599 | n/a |
| HoundjiSWD14 HoundjiSWD14 | V. R. Houndji, P. Schaus, L. A. Wolsey, Y. Deville | The StockingCost Constraint | Yes | [439] | 2014 | CP 2014 | 16 | 5 5 8 | 7 13 | 645 | 953 |
| KoschB14 KoschB14 | S. Kosch, J. C. Beck | A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes | Yes | [489] | 2014 | CPAIOR 2014 | 16 | 4 4 6 | 18 25 | 671 | n/a |
| LarsonJC14 LarsonJC14 | J. Larson, M. Johansson, M. Carlsson | An Integrated Constraint Programming Approach to Scheduling Sports Leagues with Divisional and Round-Robin Tournaments | Yes | [519] | 2014 | CPAIOR 2014 | 15 | 1 2 4 | 16 21 | 688 | n/a |
| LipovetzkyBPS14 LipovetzkyBPS14 | N. Lipovetzky, C. N. Burt, A. R. Pearce, P. J. Stuckey | Planning for Mining Operations with Time and Resource Constraints | Yes | [540] | 2014 | ICAPS 2014 | 9 | 5 5 0 | 0 0 | 701 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| LouieVNB14 LouieVNB14 | W.-Y. G. Louie, T. S. Vaquero, G. Nejat, J. C. Beck | An autonomous assistive robot for planning, scheduling and facilitating multi-user activities | Yes | [562] | 2014 | ICRA 2014 | 7 | 16 16 28 | 9 21 | 712 | n/a |
| LudwigKRBMS14 LudwigKRBMS14 | J. Ludwig, A. Kalton, R. Richards, B. Bautsch, C. Markusic, J. Schumacher | A Schedule Optimization Tool for Destructive and Non-Destructive Vehicle Tests | Yes | [566] | 2014 | AAAI 2014 | 6 | 1 1 0 | 0 0 | 714 | n/a |
| BonfiettiLM13 BonfiettiLM13 | A. Bonfietti, M. Lombardi, M. Milano | De-Cycling Cyclic Scheduling Problems | Yes | [150] | 2013 | ICAPS 2013 | 5 | 1 1 0 | 0 0 | 518 | n/a |
| ChuGNSW13 ChuGNSW13 | G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh | On the Complexity of Global Scheduling Constraints under Structural Restrictions | Yes | [204] | 2013 | IJCAI 2013 | 7 | 0 0 0 | 0 0 | 543 | n/a |
| CireCH13 CireCH13 | A. A. Ciré, E. Coban, J. N. Hooker | Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling | Yes | [209] | 2013 | CPAIOR 2013 | 7 | 3 3 13 | 23 28 | 547 | 954 |
| GuSS13 GuSS13 | H. Gu, A. Schutt, P. J. Stuckey | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | Yes | [368] | 2013 | CPAIOR 2013 | 7 | 10 10 14 | 24 25 | 622 | 955 |
| HamdiL13 HamdiL13 | I. Hamdi, T. Loukil | Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags | Yes | [385] | 2013 | ICMSAO 2013 | 7 | 2 2 4 | 11 13 | 624 | n/a |
| HeinzKB13 HeinzKB13 | S. Heinz, W.-Y. Ku, J. C. Beck | Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling | Yes | [403] | 2013 | CPAIOR 2013 | 16 | 9 9 17 | 15 20 | 632 | n/a |
| KelarevaTK13 KelarevaTK13 | E. Kelareva, K. Tierney, P. Kilby | CP Methods for Scheduling and Routing with Time-Dependent Task Costs | Yes | [469] | 2013 | CPAIOR 2013 | 17 | 16 15 13 | 28 39 | 660 | 956 |
| LetortCB13 LetortCB13 | A. Letort, M. Carlsson, N. Beldiceanu | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | Yes | [527] | 2013 | CPAIOR 2013 | 16 | 3 3 4 | 10 16 | 692 | 957 |
| LombardiM13 LombardiM13 | M. Lombardi, M. Milano | A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling | Yes | [556] | 2013 | ICAPS 2013 | 2 | 3 0 0 | 13 0 | 711 | n/a |
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| OuelletQ13 OuelletQ13 | P. Ouellet, C.-G. Quimper | Time-Table Extended-Edge-Finding for the Cumulative Constraint | Yes | [670] | 2013 | CP 2013 | 16 | 12 12 18 | 14 16 | 752 | n/a |
| SchuttFS13 SchuttFS13 | A. Schutt, T. Feydy, P. J. Stuckey | Scheduling Optional Tasks with Explanation | Yes | [768] | 2013 | CP 2013 | 17 | 10 10 13 | 20 32 | 790 | n/a |
| SchuttFS13a SchuttFS13a | A. Schutt, T. Feydy, P. J. Stuckey | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | Yes | [767] | 2013 | CPAIOR 2013 | 17 | 20 20 33 | 27 35 | 791 | 958 |
| TranTDB13 TranTDB13 | T. T. Tran, D. Terekhov, D. G. Down, J. C. Beck | Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times | Yes | [840] | 2013 | ICAPS 2013 | 9 | 2 2 0 | 0 0 | 828 | n/a |
| ZampelliVSDR13 ZampelliVSDR13 | S. Zampelli, Y. Vergados, R. V. Schaeren, W. Dullaert, B. Raa | The Berth Allocation and Quay Crane Assignment Problem Using a CP Approach | Yes | [910] | 2013 | CP 2013 | 17 | 20 21 31 | 19 23 | 864 | n/a |
| BillautHL12 BillautHL12 | J.-C. Billaut, E. Hebrard, P. Lopez | Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem | Yes | [131] | 2012 | CPAIOR 2012 | 15 | 1 0 2 | 19 28 | 508 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| BonfiettiM12 BonfiettiM12 | A. Bonfietti, M. Milano | A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem | Yes | [152] | 2012 | DC SIAAI 2012 | 3 | 0 0 0 | 0 0 | 520 | n/a |
| GuSW12 GuSW12 | H. Gu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value of Large Resource-Constrained Projects | Yes | [370] | 2012 | CP 2012 | 15 | 5 5 5 | 20 25 | 623 | n/a |
| HeinzB12 HeinzB12 | S. Heinz, J. C. Beck | Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling | Yes | [402] | 2012 | CPAIOR 2012 | 17 | 8 7 12 | 21 28 | 631 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| IfrimOS12 IfrimOS12 | G. Ifrim, B. O'Sullivan, H. Simonis | Properties of Energy-Price Forecasts for Scheduling | Yes | [443] | 2012 | CP 2012 | 16 | 6 5 13 | 20 29 | 647 | n/a |
| LetortBC12 LetortBC12 | A. Letort, N. Beldiceanu, M. Carlsson | A Scalable Sweep Algorithm for the cumulative Constraint | Yes | [526] | 2012 | CP 2012 | 16 | 18 19 27 | 12 21 | 691 | n/a |
| LozanoCDS12 LozanoCDS12 | R. C. Lozano, M. Carlsson, F. Drejhammar, C. Schulte | Constraint-Based Register Allocation and Instruction Scheduling | Yes | [563] | 2012 | CP 2012 | 17 | 21 17 25 | 30 36 | 713 | n/a |
| RendlPHPR12 RendlPHPR12 | A. Rendl, M. Prandtstetter, G. Hiermann, J. Puchinger, G. R. Raidl | Hybrid Heuristics for Multimodal Homecare Scheduling | Yes | [729] | 2012 | CPAIOR 2012 | 17 | 14 14 24 | 14 22 | 778 | n/a |
| SchuttCSW12 SchuttCSW12 | A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value for Resource-Constrained Project Scheduling | Yes | [766] | 2012 | CPAIOR 2012 | 17 | 18 19 24 | 21 25 | 789 | n/a |
| SerraNM12 SerraNM12 | T. Serra, G. Nishioka, F. J. M. Marcellino | The Offshore Resources Scheduling Problem: Detailing a Constraint Programming Approach | Yes | [778] | 2012 | CP 2012 | 17 | 0 0 2 | 8 24 | 797 | n/a |
| SimoninAHL12 SimoninAHL12 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling Scientific Experiments on the Rosetta/Philae Mission | Yes | [786] | 2012 | CP 2012 | 15 | 3 3 4 | 8 10 | 799 | 959 |
| TranB12 TranB12 | T. T. Tran, J. C. Beck | Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups | Yes | [837] | 2012 | ECAI 2012 | 6 | 0 0 30 | 0 0 | 826 | n/a |
| ZhangLS12 ZhangLS12 | X. Zhang, Z. Lv, X. Song | Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method | Yes | [924] | 2012 | CIT 2012 | 4 | 1 1 1 | 3 9 | 867 | n/a |
| BajestaniB11 BajestaniB11 | M. A. Bajestani, J. C. Beck | Scheduling an Aircraft Repair Shop | Yes | [57] | 2011 | ICAPS 2011 | 8 | 2 2 0 | 0 0 | 469 | n/a |
| Balduccini11 Balduccini11 | M. Balduccini | Industrial-Size Scheduling with ASP+CP | Yes | [60] | 2011 | LPNMR 2011 | 13 | 20 22 38 | 9 13 | 470 | n/a |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| ChapadosJR11 ChapadosJR11 | N. Chapados, M. Joliveau, L.-M. Rousseau | Retail Store Workforce Scheduling by Expected Operating Income Maximization | Yes | [202] | 2011 | CPAIOR 2011 | 6 | 5 5 12 | 12 13 | 542 | n/a |
| ClercqPBJ11 ClercqPBJ11 | A. D. Clercq, T. Petit, N. Beldiceanu, N. Jussien | Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource | Yes | [213] | 2011 | CP 2011 | 16 | 3 3 4 | 11 13 | 548 | n/a |
| EdisO11 EdisO11 | E. B. Edis, C. Oguz | Parallel Machine Scheduling with Additional Resources: A Lagrangian-Based Constraint Programming Approach | Yes | [264] | 2011 | CPAIOR 2011 | 7 | 5 5 15 | 16 21 | 570 | n/a |
| GrimesH11 GrimesH11 | D. Grimes, E. Hebrard | Models and Strategies for Variants of the Job Shop Scheduling Problem | Yes | [359] | 2011 | CP 2011 | 17 | 5 5 11 | 18 27 | 617 | n/a |
| HeinzS11 HeinzS11 | S. Heinz, J. Schulz | Explanations for the Cumulative Constraint: An Experimental Study | Yes | [405] | 2011 | SEA 2011 | 10 | 5 6 5 | 12 14 | 633 | n/a |
| HermenierDL11 HermenierDL11 | F. Hermenier, S. Demassey, X. Lorca | Bin Repacking Scheduling in Virtualized Datacenters | Yes | [415] | 2011 | CP 2011 | 15 | 28 26 40 | 5 9 | 636 | n/a |
| KameugneFSN11 KameugneFSN11 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints | Yes | [466] | 2011 | CP 2011 | 15 | 7 8 7 | 9 14 | 659 | n/a |
| LahimerLH11 LahimerLH11 | A. Lahimer, P. Lopez, M. Haouari | Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks | Yes | [516] | 2011 | CPAIOR 2011 | 14 | 3 3 5 | 15 23 | 687 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |
| MeskensDHG11 MeskensDHG11 | N. Meskens, D. Duvivier, A. Hanset, D. Gossart | Multi-objective Constraint programming for Scheduling Operating Theatres | Yes | [603] | 2011 | IESM 2011 | 10 | 0 0 0 | 0 0 | 727 | n/a |
| OddiRCS11 OddiRCS11 | A. Oddi, R. Rasconi, A. Cesta, S. F. Smith | Iterative Flattening Search for the Flexible Job Shop Scheduling Problem | Yes | [664] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 750 | n/a |
| PacinoH11 PacinoH11 | D. Pacino, P. V. Hentenryck | Large Neighborhood Search and Adaptive Randomized Decompositions for Flexible Jobshop Scheduling | Yes | [679] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 757 | n/a |
| SimonisH11 SimonisH11 | H. Simonis, T. Hadzic | A Resource Cost Aware Cumulative | Yes | [794] | 2011 | CSCLP 2011 | 14 | 3 3 7 | 9 10 | 804 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Vilim11 Vilim11 | P. Vilím | Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources | Yes | [868] | 2011 | CPAIOR 2011 | 16 | 28 29 46 | 6 11 | 842 | n/a |
| Wolf11 Wolf11 | A. Wolf | Constraint-Based Modeling and Scheduling of Clinical Pathways | Yes | [892] | 2011 | CSCLP 2011 | 17 | 5 5 6 | 19 26 | 856 | n/a |
| ZibranR11 ZibranR11 | M. F. Zibran, C. K. Roy | Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach | Yes | [931] | 2011 | ICPC 2011 | 4 | 17 16 19 | 18 24 | 871 | n/a |
| ZibranR11a ZibranR11a | M. F. Zibran, C. K. Roy | A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring | Yes | [932] | 2011 | SCAM 2011 | 10 | 26 26 33 | 27 35 | 872 | n/a |
| Beck10 Beck10 | J. C. Beck | Checking-Up on Branch-and-Check | Yes | [88] | 2010 | CP 2010 | 15 | 19 21 45 | 11 12 | 483 | n/a |
| BertholdHLMS10 BertholdHLMS10 | T. Berthold, S. Heinz, M. E. Lübbecke, R. H. Möhring, J. Schulz | A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling | Yes | [126] | 2010 | CPAIOR 2010 | 5 | 28 27 34 | 10 13 | 504 | n/a |
| CobanH10 CobanH10 | E. Coban, J. N. Hooker | Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition | Yes | [214] | 2010 | CPAIOR 2010 | 5 | 9 9 10 | 9 11 | 549 | n/a |
| Davenport10 Davenport10 | A. J. Davenport | Integrated Maintenance Scheduling for Semiconductor Manufacturing | Yes | [229] | 2010 | CPAIOR 2010 | 5 | 9 9 13 | 2 2 | 555 | n/a |
| GrimesH10 GrimesH10 | D. Grimes, E. Hebrard | Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach | Yes | [358] | 2010 | CPAIOR 2010 | 15 | 13 13 20 | 20 29 | 616 | n/a |
| LombardiM10 LombardiM10 | M. Lombardi, M. Milano | Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution | Yes | [553] | 2010 | CP 2010 | 15 | 1 1 0 | 11 17 | 710 | n/a |
| MakMS10 MakMS10 | K.-L. Mak, J. Ma, W. Su | A constraint programming approach for production scheduling of multi-period virtual cellular manufacturing systems | Yes | [577] | 2010 | ICNC 2010 | 5 | 1 0 1 | 3 5 | 720 | n/a |
| OddiRC10 OddiRC10 | A. Oddi, R. Rasconi, A. Cesta | Project Scheduling as a Disjunctive Temporal Problem | Yes | [663] | 2010 | ECAI 2010 | 2 | 0 0 2 | 0 0 | 749 | n/a |
| SchuttW10 SchuttW10 | A. Schutt, A. Wolf | A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints | Yes | [775] | 2010 | CP 2010 | 15 | 13 14 16 | 14 19 | 794 | n/a |
| SunLYL10 SunLYL10 | Z. Sun, H. Li, M. Yao, N. Li | Scheduling Optimization Techniques for FlexRay Using Constraint-Programming | Yes | [805] | 2010 | GreenCom 2010 | 6 | 4 4 3 | 8 17 | 808 | n/a |
| TanSD10 TanSD10 | Y. Tan, S. Liu, D. Wang | A constraint programming-based branch and bound algorithm for job shop problems | Yes | [811] | 2010 | Chinese Control and Decision Conference 2010 | 6 | 1 0 4 | 11 0 | 811 | n/a |
| Acuna-AgostMFG09 Acuna-AgostMFG09 | R. Acuna-Agost, P. Michelon, D. Feillet, S. Gueye | Constraint Programming and Mixed Integer Linear Programming for Rescheduling Trains under Disrupted Operations | Yes | [9] | 2009 | CPAIOR 2009 | 2 | 3 3 5 | 2 5 | 450 | n/a |
| AronssonBK09 AronssonBK09 | M. Aronsson, M. Bohlin, P. Kreuger | MILP formulations of cumulative constraints for railway scheduling - A comparative study | Yes | [41] | 2009 | ATMOS 2009 | 13 | 0 0 0 | 0 0 | 462 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| FelizariAL09 FelizariAL09 | L. C. Felizari, Lucia V. R. de Arruda, R. Lueders, S. L. Stebel | Sequencing Batches in a Real-World Pipeline Network Using Constraint Programming | No | [297] | 2009 | PSE 2009 | 6 | 7 7 12 | 2 7 | No | n/a |
| GrimesHM09 GrimesHM09 | D. Grimes, E. Hebrard, A. Malapert | Closing the Open Shop: Contradicting Conventional Wisdom | Yes | [361] | 2009 | CP 2009 | 9 | 15 15 18 | 12 23 | 618 | n/a |
| Laborie09 Laborie09 | P. Laborie | IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems | Yes | [510] | 2009 | CPAIOR 2009 | 15 | 53 52 91 | 2 9 | 684 | n/a |
| LombardiM09 LombardiM09 | M. Lombardi, M. Milano | A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations | Yes | [551] | 2009 | CP 2009 | 15 | 7 7 15 | 12 20 | 709 | n/a |
| MonetteDH09 MonetteDH09 | J.-N. Monette, Y. Deville, P. V. Hentenryck | Just-In-Time Scheduling with Constraint Programming | Yes | [615] | 2009 | ICAPS 2009 | 8 | 9 10 0 | 0 0 | 732 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| RenT09 RenT09 | H. Ren, L. Tang | An improved hybrid MILP/CP algorithm framework for the job-shop scheduling | Yes | [728] | 2009 | IEEE International Conference on Automation and Logistics 2009 | 5 | 2 3 4 | 12 14 | 777 | n/a |
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |
| ThiruvadyBME09 ThiruvadyBME09 | D. R. Thiruvady, C. Blum, B. Meyer, A. T. Ernst | Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling | Yes | [825] | 2009 | HM 2009 | 15 | 13 12 15 | 12 19 | 820 | n/a |
| Vilim09 Vilim09 | P. Vilím | Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn \log n)$\mathcal O}(kn {\rm log} n) | Yes | [866] | 2009 | CP 2009 | 15 | 25 26 34 | 4 7 | 840 | n/a |
| Vilim09a Vilim09a | P. Vilím | Max Energy Filtering Algorithm for Discrete Cumulative Resources | Yes | [867] | 2009 | CPAIOR 2009 | 15 | 13 13 18 | 4 7 | 841 | n/a |
| Wolf09 Wolf09 | A. Wolf, G. Schrader | Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource | Yes | [895] | 2009 | INAP 2009 | 17 | 1 1 1 | 12 15 | 855 | n/a |
| AchterbergBKW08 AchterbergBKW08 | T. Achterberg, T. Berthold, T. Koch, K. Wolter | Constraint Integer Programming: A New Approach to Integrate CP and MIP | Yes | [8] | 2008 | CPAIOR 2008 | 15 | 80 80 125 | 25 43 | 449 | n/a |
| BarlattCG08 BarlattCG08 | A. Barlatt, A. M. Cohn, O. Y. Gusikhin | A Hybrid Approach for Solving Shift-Selection and Task-Sequencing Problems | Yes | [73] | 2008 | CPAIOR 2008 | 5 | 1 1 1 | 9 10 | 476 | n/a |
| BeldiceanuCP08 BeldiceanuCP08 | N. Beldiceanu, M. Carlsson, E. Poder | New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles | Yes | [110] | 2008 | CPAIOR 2008 | 15 | 8 8 18 | 9 13 | 494 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |
| DoRZ08 DoRZ08 | M. B. Do, W. Ruml, R. Zhou | On-line Planning and Scheduling: An Application to Controlling Modular Printers | Yes | [253] | 2008 | AAAI 2008 | 5 | 0 0 0 | 0 0 | 565 | n/a |
| DoomsH08 DoomsH08 | G. Dooms, P. V. Hentenryck | Gap Reduction Techniques for Online Stochastic Project Scheduling | Yes | [255] | 2008 | CPAIOR 2008 | 16 | 1 1 0 | 2 8 | 566 | n/a |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| Hunsberger08 Hunsberger08 | L. Hunsberger | A Practical Temporal Constraint Management System for Real-Time Applications | Yes | [441] | 2008 | ECAI 2008 | 5 | 0 0 1 | 0 0 | 646 | n/a |
| LauLN08 LauLN08 | H. C. Lau, K. W. Lye, V. B. Nguyen | A Combinatorial Auction Framework for Solving Decentralized Scheduling Problems (Extended Abstract) | Yes | [520] | 2008 | CPAIOR 2008 | 5 | 0 0 0 | 4 5 | 689 | n/a |
| MouraSCL08 MouraSCL08 | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Planning and Scheduling the Operation of a Very Large Oil Pipeline Network | Yes | [621] | 2008 | CP 2008 | 16 | 11 11 22 | 10 14 | 735 | n/a |
| MouraSCL08a MouraSCL08a | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem | Yes | [620] | 2008 | CSE 2008 | 8 | 5 5 10 | 14 21 | 736 | n/a |
| PoderB08 PoderB08 | E. Poder, N. Beldiceanu | Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production | Yes | [700] | 2008 | ICAPS 2008 | 8 | 0 0 0 | 0 0 | 765 | n/a |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |
| WatsonB08 WatsonB08 | J.-P. Watson, J. C. Beck | A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem | Yes | [884] | 2008 | CPAIOR 2008 | 15 | 14 14 24 | 17 25 | 849 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| AkkerDH07 AkkerDH07 | J. M. van den Akker, G. Diepen, J. A. Hoogeveen | A Column Generation Based Destructive Lower Bound for Resource Constrained Project Scheduling Problems | Yes | [856] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 8 10 | 452 | n/a |
| BeldiceanuP07 BeldiceanuP07 | N. Beldiceanu, E. Poder | A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production | Yes | [112] | 2007 | CPAIOR 2007 | 15 | 4 4 6 | 7 12 | 495 | n/a |
| BidotVLB07 BidotVLB07 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A General Framework for Scheduling in a Stochastic Environment | Yes | [129] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 507 | n/a |
| DavenportKRSH07 DavenportKRSH07 | A. J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou | An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing | Yes | [230] | 2007 | CP 2007 | 13 | 1 1 5 | 2 13 | 556 | n/a |
| ElhouraniDM07 ElhouraniDM07 | T. Elhourani, N. Denny, M. M. Marefat | A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem | Yes | [270] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 572 | n/a |
| GarganiR07 GarganiR07 | A. Gargani, P. Refalo | An Efficient Model and Strategy for the Steel Mill Slab Design Problem | Yes | [319] | 2007 | CP 2007 | 13 | 17 18 28 | 5 12 | 595 | n/a |
| HoeveGSL07 HoeveGSL07 | W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi | Optimal Multi-Agent Scheduling with Constraint Programming | Yes | [859] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 639 | n/a |
| KeriK07 KeriK07 | A. Kéri, T. Kis | Computing Tight Time Windows for RCPSPWET with the Primal-Dual Method | Yes | [473] | 2007 | CPAIOR 2007 | 14 | 1 1 2 | 13 21 | 662 | n/a |
| KovacsB07 KovacsB07 | A. Kovács, J. C. Beck | A Global Constraint for Total Weighted Completion Time | Yes | [491] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 12 18 | 673 | n/a |
| KrogtLPHJ07 KrogtLPHJ07 | R. van der Krogt, J. Little, K. Pulliam, S. Hanhilammi, Y. Jin | Scheduling for Cellular Manufacturing | Yes | [858] | 2007 | CP 2007 | 13 | 2 2 3 | 3 9 | 679 | n/a |
| KusterJF07 KusterJF07 | J. Kuster, D. Jannach, G. Friedrich | Handling Alternative Activities in Resource-Constrained Project Scheduling Problems | Yes | [506] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 682 | n/a |
| Limtanyakul07 Limtanyakul07 | K. Limtanyakul | Scheduling of Tests on Vehicle Prototypes Using Constraint and Integer Programming | Yes | [538] | 2007 | GOR 2007 | 6 | 2 2 0 | 3 6 | 700 | n/a |
| MonetteDD07 MonetteDD07 | J.-N. Monette, Y. Deville, P. Dupont | A Position-Based Propagator for the Open-Shop Problem | Yes | [614] | 2007 | CPAIOR 2007 | 14 | 0 0 1 | 12 15 | 731 | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |
| RossiTHP07 RossiTHP07 | R. Rossi, A. Tarim, B. Hnich, S. D. Prestwich | Replenishment Planning for Stochastic Inventory Systems with Shortage Cost | Yes | [746] | 2007 | CPAIOR 2007 | 15 | 6 6 9 | 10 17 | 784 | n/a |
| SultanikMR07 SultanikMR07 | E. Sultanik, P. J. Modi, W. C. Regli | On Modeling Multiagent Task Scheduling as a Distributed Constraint Optimization Problem | Yes | [802] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 807 | n/a |
| Beck06 Beck06 | J. C. Beck | An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling | Yes | [86] | 2006 | ICAPS 2006 | 10 | 0 0 0 | 0 0 | 482 | n/a |
| BeniniBGM06 BeniniBGM06 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs | Yes | [120] | 2006 | CPAIOR 2006 | 15 | 18 19 19 | 10 12 | 500 | n/a |
| GomesHS06 GomesHS06 | C. P. Gomes, W.-J. van Hoeve, B. Selman | Constraint Programming for Distributed Planning and Scheduling | Yes | [354] | 2006 | AAAI 2006 | 2 | 0 0 0 | 0 0 | 615 | n/a |
| KhemmoudjPB06 KhemmoudjPB06 | M. O. I. Khemmoudj, M. Porcheron, H. Bennaceur | When Constraint Programming and Local Search Solve the Scheduling Problem of Electricité de France Nuclear Power Plant Outages | Yes | [475] | 2006 | CP 2006 | 13 | 8 8 15 | 8 12 | 663 | n/a |
| KovacsV06 KovacsV06 | A. Kovács, J. Váncza | Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP | Yes | [497] | 2006 | CPAIOR 2006 | 13 | 2 2 3 | 7 13 | 677 | n/a |
| LiuJ06 LiuJ06 | Y. Liu, Y. Jiang | LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming | Yes | [547] | 2006 | PRICAI 2006 | 5 | 0 0 1 | 0 0 | 703 | n/a |
| QuSN06 QuSN06 | Y. Qu, J.-P. Soininen, J. Nurmi | Using Constraint Programming to Achieve Optimal Prefetch Scheduling for Dependent Tasks on Run-Time Reconfigurable Devices | Yes | [719] | 2006 | SoC 2006 | 4 | 2 2 5 | 5 14 | 773 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| RasmussenT06 RasmussenT06 | R. V. Rasmussen, M. A. Trick | The Timetable Constrained Distance Minimization Problem | Yes | [723] | 2006 | CPAIOR 2006 | 15 | 10 12 19 | 14 16 | 775 | n/a |
| Wallace06 Wallace06 | M. G. Wallace | Hybrid Algorithms in Constraint Programming | Yes | [876] | 2006 | CSCLP 2006 | 32 | 1 1 3 | 35 63 | 845 | n/a |
| AbrilSB05 AbrilSB05 | M. Abril, M. A. Salido, F. Barber | Distributed Constraints for Large-Scale Scheduling Problems | Yes | [6] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 448 | n/a |
| ArtiouchineB05 ArtiouchineB05 | K. Artiouchine, P. Baptiste | Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs | Yes | [49] | 2005 | CP 2005 | 15 | 3 3 9 | 11 24 | 465 | n/a |
| BeckW05 BeckW05 | J. C. Beck, N. Wilson | Proactive Algorithms for Scheduling with Probabilistic Durations | Yes | [101] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 490 | n/a |
| BeniniBGM05 BeniniBGM05 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation | Yes | [118] | 2005 | CP 2005 | 15 | 25 25 41 | 21 29 | 498 | n/a |
| BeniniBGM05a BeniniBGM05a | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via decomposition and no-good generation | Yes | [119] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 499 | n/a |
| CambazardJ05 CambazardJ05 | H. Cambazard, N. Jussien | Integrating Benders Decomposition Within Constraint Programming | Yes | [177] | 2005 | CP 2005 | 5 | 6 6 7 | 8 8 | 530 | n/a |
| CarchraeBF05 CarchraeBF05 | T. Carchrae, J. C. Beck, E. C. Freuder | Methods to Learn Abstract Scheduling Models | Yes | [182] | 2005 | CP 2005 | 1 | 0 0 0 | 0 0 | 533 | n/a |
| ChuX05 ChuX05 | Y. Chu, Q. Xia | A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems | Yes | [205] | 2005 | CPAIOR 2005 | 15 | 13 13 21 | 13 15 | 544 | n/a |
| DilkinaDH05 DilkinaDH05 | B. N. Dilkina, L. Duan, W. S. Havens | Extending Systematic Local Search for Job Shop Scheduling Problems | Yes | [248] | 2005 | CP 2005 | 5 | 2 2 4 | 7 8 | 562 | n/a |
| FortinZDF05 FortinZDF05 | J. Fortin, P. Zielinski, D. Dubois, H. Fargier | Interval Analysis in Scheduling | Yes | [304] | 2005 | CP 2005 | 15 | 13 12 24 | 11 15 | 584 | n/a |
| FrankK05 FrankK05 | J. Frank, E. Kürklü | Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations | Yes | [309] | 2005 | CPAIOR 2005 | 18 | 4 4 4 | 4 15 | 589 | n/a |
| Geske05 Geske05 | U. Geske | Railway Scheduling with Declarative Constraint Programming | Yes | [336] | 2005 | INAP 2005 | 18 | 2 2 6 | 3 17 | 605 | n/a |
| GodardLN05 GodardLN05 | D. Godard, P. Laborie, W. Nuijten | Randomized Large Neighborhood Search for Cumulative Scheduling | Yes | [343] | 2005 | ICAPS 2005 | 9 | 0 0 0 | 0 0 | 610 | n/a |
| HebrardTW05 HebrardTW05 | E. Hebrard, P. Tyler, T. Walsh | Computing Super-Schedules | Yes | [398] | 2005 | CP 2005 | 1 | 0 0 1 | 3 5 | 629 | n/a |
| Hooker05a Hooker05a | J. N. Hooker | Planning and Scheduling to Minimize Tardiness | Yes | [425] | 2005 | CP 2005 | 14 | 30 31 35 | 10 12 | 641 | n/a |
| Hooker05b Hooker05b | J. N. Hooker | A Search-Infer-and-Relax Framework for Integrating Solution Methods | Yes | [426] | 2005 | CPAIOR 2005 | 15 | 7 6 12 | 19 26 | 642 | n/a |
| Johnston05 Johnston05 | B. J. Clement, M. D. Johnston | The Deep Space Network Scheduling Problem | Yes | [212] | 2005 | AAAI 2005 | 7 | 0 0 0 | 0 0 | 651 | n/a |
| KovacsEKV05 KovacsEKV05 | A. Kovács, P. Egri, T. Kis, J. Váncza | Proterv-II: An Integrated Production Planning and Scheduling System | Yes | [494] | 2005 | CP 2005 | 1 | 2 2 1 | 3 3 | 674 | n/a |
| Laborie05 Laborie05 | P. Laborie | Complete MCS-Based Search: Application to Resource Constrained Project Scheduling | Yes | [509] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 683 | n/a |
| MagataoAN05 MagataoAN05 | L. Magatao, L. Arruda, F. Neves-Jr | Using CLP and MILP for scheduling commodities in a pipeline | No | [575] | 2005 | ESCAPE 2005 | 6 | 7 7 12 | 2 7 | No | n/a |
| MoffittPP05 MoffittPP05 | M. D. Moffitt, B. Peintner, M. E. Pollack | Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints | Yes | [612] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 730 | n/a |
| Musliu05 Musliu05 | N. Musliu | Combination of Local Search Strategies for Rotating Workforce Scheduling Problem | Yes | [629] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 742 | n/a |
| OddiPCC05 OddiPCC05 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems | No | [662] | 2005 | MISTA 2005 | 28 | 3 3 0 | 12 19 | No | n/a |
| Perron05 Perron05 | L. Perron | Alternate modeling in sport scheduling | Yes | [691] | 2005 | CP 2005 | 5 | 1 1 2 | 3 9 | 762 | n/a |
| PolicellaWSO05 PolicellaWSO05 | N. Policella, X. Wang, S. F. Smith, A. Oddi | Exploiting Temporal Flexibility to Obtain High Quality Schedules | Yes | [703] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 766 | n/a |
| QuirogaZH05 QuirogaZH05 | O. Quiroga, L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS | Yes | [720] | 2005 | ICRA 2005 | 6 | 2 1 2 | 7 11 | 774 | n/a |

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| SchuttWS05 SchuttWS05 | A. Schutt, A. Wolf, G. Schrader | Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$ | Yes | [776] | 2005 | INAP 2005 | 15 | 6 6 9 | 4 11 | 795 | n/a |
| Vilim05 Vilim05 | P. Vilím | Computing Explanations for the Unary Resource Constraint | Yes | [865] | 2005 | CPAIOR 2005 | 14 | 5 5 6 | 8 11 | 839 | n/a |
| Wolf05 Wolf05 | A. Wolf | Better Propagation for Non-preemptive Single-Resource Constraint Problems | Yes | [891] | 2005 | CSCLP 2005 | 15 | 4 4 4 | 8 12 | 854 | n/a |
| WolfS05 WolfS05 | A. Wolf, G. Schrader | $O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application | Yes | [894] | 2005 | INAP 2005 | 14 | 6 7 12 | 6 10 | 857 | n/a |
| WuBB05 WuBB05 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with Uncertain Start Dates | Yes | [897] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 859 | n/a |
| ArtiguesBF04 ArtiguesBF04 | C. Artigues, S. Belmokhtar, D. Feillet | A New Exact Solution Algorithm for the Job Shop Problem with Sequence-Dependent Setup Times | Yes | [42] | 2004 | CPAIOR 2004 | 13 | 16 17 17 | 9 16 | 463 | n/a |
| BarbulescuWH04 BarbulescuWH04 | L. Barbulescu, L. D. Whitley, A. E. Howe | Leap Before You Look: An Effective Strategy in an Oversubscribed Scheduling Problem | Yes | [72] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 475 | n/a |
| BeckW04 BeckW04 | J. C. Beck, N. Wilson | Job Shop Scheduling with Probabilistic Durations | Yes | [100] | 2004 | ECAI 2004 | 5 | 0 0 0 | 0 0 | 489 | n/a |
| CambazardHDJT04 CambazardHDJT04 | H. Cambazard, P.-E. Hladik, A.-M. Déplanche, N. Jussien, Y. Trinquet | Decomposition and Learning for a Hard Real Time Task Allocation Problem | Yes | [176] | 2004 | CP 2004 | 15 | 33 33 45 | 13 23 | 529 | n/a |
| DilkinaH04 DilkinaH04 | B. N. Dilkina, W. S. Havens | The U.S. National Football League Scheduling Problem | Yes | [249] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 563 | n/a |
| GlobusCLP04 GlobusCLP04 | A. Globus, J. Crawford, J. D. Lohn, A. Pryor | A Comparison of Techniques for Scheduling Earth Observing Satellites | Yes | [342] | 2004 | AAAI 2004 | 8 | 0 0 0 | 0 0 | 609 | n/a |
| HentenryckM04 HentenryckM04 | P. V. Hentenryck, L. Michel | Scheduling Abstractions for Local Search | Yes | [411] | 2004 | CPAIOR 2004 | 16 | 12 12 16 | 14 21 | 634 | n/a |
| Hooker04 Hooker04 | J. N. Hooker | A Hybrid Method for Planning and Scheduling | Yes | [423] | 2004 | CP 2004 | 12 | 39 40 46 | 9 10 | 640 | n/a |
| KovacsV04 KovacsV04 | A. Kovács, J. Váncza | Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling | Yes | [496] | 2004 | CP 2004 | 15 | 3 3 4 | 12 21 | 676 | n/a |
| LimRX04 LimRX04 | A. Lim, B. Rodrigues, Z. Xu | Solving the Crane Scheduling Problem Using Intelligent Search Schemes | Yes | [534] | 2004 | CP 2004 | 5 | 5 6 8 | 6 9 | 699 | n/a |
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |
| MeyerE04 MeyerE04 | B. Meyer, A. Ernst | Integrating ACO and Constraint Propagation | Yes | [605] | 2004 | ANTS 2004 | 12 | 37 37 45 | 14 17 | 728 | n/a |
| PerronSF04 PerronSF04 | L. Perron, P. Shaw, V. Furnon | Propagation Guided Large Neighborhood Search | Yes | [692] | 2004 | CP 2004 | 14 | 34 34 67 | 8 16 | 763 | n/a |
| Sadykov04 Sadykov04 | R. Sadykov | A Hybrid Branch-And-Cut Algorithm for the One-Machine Scheduling Problem | Yes | [753] | 2004 | CPAIOR 2004 | 7 | 11 11 10 | 7 10 | 786 | n/a |
| Vilim04 Vilim04 | P. Vilím | O(n log n) Filtering Algorithms for Unary Resource Constraint | Yes | [864] | 2004 | CPAIOR 2004 | 13 | 22 22 32 | 5 11 | 838 | n/a |
| VilimBC04 VilimBC04 | P. Vilím, R. Barták, O. Cepek | Unary Resource Constraint with Optional Activities | Yes | [869] | 2004 | CP 2004 | 15 | 13 12 17 | 4 11 | 843 | n/a |
| VillaverdeP04 VillaverdeP04 | K. Villaverde, E. Pontelli | An Investigation of Scheduling in Distributed Constraint Logic Programming | No | [872] | 2004 | ISCA 2004 | 6 | 0 0 0 | 0 0 | No | n/a |
| WolinskiKG04 WolinskiKG04 | C. Wolinski, K. Kuchcinski, M. B. Gokhale | A Constraints Programming Approach to Communication Scheduling on SoPC Architectures | Yes | [896] | 2004 | DSD 2004 | 8 | 0 0 1 | 9 14 | 858 | n/a |
| BeckPS03 BeckPS03 | J. C. Beck, P. Prosser, E. Selensky | Vehicle Routing and Job Shop Scheduling: What's the Difference? | Yes | [98] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 488 | n/a |
| BourdaisGP03 BourdaisGP03 | S. Bourdais, P. Galinier, G. Pesant | HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care | Yes | [161] | 2003 | CP 2003 | 15 | 29 30 51 | 5 19 | 525 | n/a |
| DannaP03 DannaP03 | E. Danna, L. Perron | Structured vs. Unstructured Large Neighborhood Search: A Case Study on Job-Shop Scheduling Problems with Earliness and Tardiness Costs | Yes | [226] | 2003 | CP 2003 | 5 | 21 20 34 | 3 9 | 554 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Kumar03 Kumar03 | T. K. S. Kumar | Incremental Computation of Resource-Envelopes in Producer-Consumer Models | Yes | [505] | 2003 | CP 2003 | 15 | 4 4 7 | 2 6 | 681 | n/a |
| OddiPCC03 OddiPCC03 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Generating High Quality Schedules for a Spacecraft Memory Downlink Problem | Yes | [661] | 2003 | CP 2003 | 15 | 8 7 14 | 6 12 | 748 | n/a |
| Trick03 Trick03 | M. A. Trick | Integer and constraint programming approaches for round-robin tournament scheduling | Yes | [845] | 2003 | PATAT 2003 | 15 | 22 24 39 | 15 25 | 831 | n/a |
| ValleMGT03 ValleMGT03 | C. D. Valle, A. A. Márquez, R. M. Gasca, M. Toro | On Selecting and Scheduling Assembly Plans Using Constraint Programming | Yes | [854] | 2003 | KES 2003 | 8 | 7 7 6 | 7 11 | 833 | n/a |
| Vilim03 Vilim03 | P. Vilím | Computing Explanations for Global Scheduling Constraints | Yes | [863] | 2003 | CP 2003 | 1 | 1 1 1 | 1 4 | 837 | n/a |
| Wolf03 Wolf03 | A. Wolf | Pruning while Sweeping over Task Intervals | Yes | [890] | 2003 | CP 2003 | 15 | 11 11 10 | 7 13 | 853 | n/a |
| Bartak02 Bartak02 | R. Barták | Visopt ShopFloor: On the Edge of Planning and Scheduling | Yes | [75] | 2002 | CP 2002 | 16 | 6 6 11 | 4 20 | 477 | n/a |
| Bartak02a Bartak02a | R. Barták | Visopt ShopFloor: Going Beyond Traditional Scheduling | Yes | [74] | 2002 | ERCIM/CologNet 2002 | 15 | 1 1 1 | 9 22 | 478 | n/a |
| BeldiceanuC02 BeldiceanuC02 | N. Beldiceanu, M. Carlsson | A New Multi-resource cumulatives Constraint with Negative Heights | Yes | [108] | 2002 | CP 2002 | 17 | 33 33 48 | 9 20 | 493 | n/a |
| BenoistGR02 BenoistGR02 | T. Benoist, E. Gaudin, B. Rottembourg | Constraint Programming Contribution to Benders Decomposition: A Case Study | Yes | [124] | 2002 | CP 2002 | 15 | 13 13 19 | 11 19 | 503 | n/a |
| EastonNT02 EastonNT02 | K. Easton, G. L. Nemhauser, M. A. Trick | Solving the Travelling Tournament Problem: A Combined Integer Programming and Constraint Programming Approach | Yes | [262] | 2002 | PATAT 2002 | 13 | 48 50 0 | 8 11 | 569 | n/a |
| ElkhyariGJ02 ElkhyariGJ02 | A. Elkhyari, C. Guéret, N. Jussien | Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems | Yes | [272] | 2002 | CP 2002 | 6 | 1 1 0 | 6 12 | 573 | n/a |
| ElkhyariGJ02a ElkhyariGJ02a | A. Elkhyari, C. Guéret, N. Jussien | Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools | Yes | [273] | 2002 | PATAT 2002 | 24 | 9 9 14 | 20 32 | 574 | n/a |
| FukunagaHFAMN02 FukunagaHFAMN02 | A. S. Fukunaga, E. Hamilton, J. Fama, D. Andre, O. Matan, I. R. Nourbakhsh | Staff Scheduling for Inbound Call Centers and Customer Contact Centers | Yes | [316] | 2002 | AAAI 2002 | 8 | 0 0 0 | 0 0 | 593 | n/a |
| HookerY02 HookerY02 | J. N. Hooker, H. Yan | A Relaxation of the Cumulative Constraint | Yes | [437] | 2002 | CP 2002 | 5 | 8 7 13 | 7 19 | 644 | n/a |
| KamarainenS02 KamarainenS02 | O. Kamarainen, H. E. Sakkout | Local Probing Applied to Scheduling | Yes | [460] | 2002 | CP 2002 | 17 | 9 10 16 | 13 28 | 656 | n/a |
| LimAHO02a LimAHO02a | A. Lim, J. C. Ang, W.-K. Ho, W.-C. Oon | UTTSExam: A University Examination Timetable Scheduler | Yes | [533] | 2002 | AAAI 2002 | 2 | 0 0 0 | 0 0 | 695 | n/a |
| Muscettola02 Muscettola02 | N. Muscettola | Computing the Envelope for Stepwise-Constant Resource Allocations | Yes | [628] | 2002 | CP 2002 | 16 | 14 14 26 | 4 15 | 740 | n/a |
| Vilim02 Vilim02 | P. Vilím | Batch Processing with Sequence Dependent Setup Times | Yes | [862] | 2002 | CP 2002 | 1 | 6 5 1 | 1 3 | 836 | n/a |
| ZhuS02 ZhuS02 | K. Q. Zhu, A. E. Santosa | A Meeting Scheduling System Based on Open Constraint Programming | Yes | [929] | 2002 | CAiSE 2002 | 5 | 0 0 0 | 5 7 | 870 | n/a |
| BeldiceanuC01 BeldiceanuC01 | N. Beldiceanu, M. Carlsson | Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint | Yes | [107] | 2001 | CP 2001 | 15 | 34 33 45 | 0 13 | 492 | n/a |
| EreminW01 EreminW01 | A. Eremin, M. G. Wallace | Hybrid Benders Decomposition Algorithms in Constraint Logic Programming | Yes | [276] | 2001 | CP 2001 | 15 | 27 27 30 | 7 13 | 575 | n/a |
| Thorsteinsson01 Thorsteinsson01 | E. S. Thorsteinsson | Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming | Yes | [828] | 2001 | CP 2001 | 15 | 67 68 97 | 12 25 | 822 | n/a |
| VanczaM01 VanczaM01 | J. Váncza, A. Márkus | A Constraint Engine for Manufacturing Process Planning | Yes | [860] | 2001 | CP 2001 | 15 | 2 2 4 | 19 29 | 834 | n/a |
| VerfaillieL01 VerfaillieL01 | G. Verfaillie, M. Lemaître | Selecting and Scheduling Observations for Agile Satellites: Some Lessons from the Constraint Reasoning Community Point of View | Yes | [861] | 2001 | CP 2001 | 15 | 11 11 20 | 6 15 | 835 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| AngelsmarkJ00 AngelsmarkJ00 | O. Angelsmark, P. Jonsson | Some Observations on Durations, Scheduling and Allen's Algebra | Yes | [28] | 2000 | CP 2000 | 5 | 1 1 6 | 9 17 | 455 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| FocacciLN00 FocacciLN00 | F. Focacci, P. Laborie, W. Nuijten | Solving Scheduling Problems with Setup Times and Alternative Resources | Yes | [300] | 2000 | AIPS 2000 | 10 | 0 0 0 | 0 0 | 582 | n/a |
| Junker00 Junker00 | U. Junker | Preference-Based Search for Scheduling | Yes | [454] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 653 | n/a |
| Refalo00 Refalo00 | P. Refalo | Linear Formulation of Constraint Programming Models and Hybrid Solvers | Yes | [727] | 2000 | CP 2000 | 15 | 35 37 49 | 11 22 | 776 | n/a |
| TsurutaS00 TsurutaS00 | T. Tsuruta, T. Shintani | Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm | No | [849] | 2000 | ECAI 2000 | 5 | 0 0 0 | 0 0 | No | n/a |
| WallaceF00 WallaceF00 | R. J. Wallace, E. C. Freuder | Dispatchability Conditions for Schedules with Consumable Resources | Yes | [878] | 2000 | ECAI 2000 | 7 | 0 0 0 | 0 0 | 846 | n/a |
| AbdennadherS99 AbdennadherS99 | S. Abdennadher, H. Schlenker | Nurse Scheduling using Constraint Logic Programming | Yes | [2] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 447 | n/a |
| BeckF99 BeckF99 | J. C. Beck, M. S. Fox | Scheduling Alternative Activities | Yes | [95] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 487 | n/a |
| CarlssonKA99 CarlssonKA99 | M. Carlsson, P. Kreuger, E. Åström | Constraint-Based Resource Allocation and Scheduling in Steel Manufacturing | Yes | [190] | 1999 | PADL 1999 | 15 | 1 1 0 | 3 5 | 534 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| ChunCTY99 ChunCTY99 | A. H. W. Chun, S. H. C. Chan, F. M. F. Tsang, D. W. M. Yeung | HKIA SAS: A Constraint-Based Airport Stand Allocation System Developed with Software Components | Yes | [206] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 545 | n/a |
| DorndorfPH99 DorndorfPH99 | U. Dorndorf, E. Pesch, T. P. Huy | Recent Developments in Scheduling | No | [257] | 1999 | Operations Research Proceedings 1999 | 13 | 0 0 0 | 34 61 | No | n/a |
| DraperJCJ99 DraperJCJ99 | D. Draper, A. K. Jónsson, D. P. Clements, D. Joslin | Cyclic Scheduling | Yes | [261] | 1999 | IJCAI 1999 | 6 | 0 0 0 | 0 0 | 568 | n/a |
| JoLLH99 JoLLH99 | G. Jo, K.-H. Lee, H.-Y. Lee, S.-H. Hyun | Ramp Activity Expert System for Scheduling and Co-ordination at an Airport | Yes | [451] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 650 | n/a |
| KorbaaYG99 KorbaaYG99 | O. Korbaa, P. Yim, J.-C. Gentina | Solving transient scheduling problem for cyclic production using timed Petri nets and constraint programming | Yes | [487] | 1999 | ECC 1999 | 8 | 1 1 1 | 0 0 | 670 | n/a |
| Simonis99 Simonis99 | H. Simonis | Building Industrial Applications with Constraint Programming | Yes | [790] | 1999 | CCL'99 1999 | 39 | 5 5 0 | 18 63 | 802 | n/a |
| WatsonBHW99 WatsonBHW99 | J.-P. Watson, L. Barbulescu, A. E. Howe, L. D. Whitley | Algorithm Performance and Problem Structure for Flow-shop Scheduling | Yes | [883] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 850 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |
| FrostD98 FrostD98 | D. Frost, R. Dechter | Optimizing with Constraints: A Case Study in Scheduling Maintenance of Electric Power Units | Yes | [315] | 1998 | CP 1998 | 1 | 10 10 11 | 2 3 | 592 | n/a |
| GruianK98 GruianK98 | F. Gruian, K. Kuchcinski | Operation Binding and Scheduling for Low Power Using Constraint Logic Programming | Yes | [367] | 1998 | EUROMICRO 1998 | 8 | 5 5 8 | 10 16 | 621 | n/a |
| PembertonG98 PembertonG98 | J. C. Pemberton, F. G. III | A constraint-based approach to satellite scheduling | Yes | [686] | 1998 | DIMACS 1998 | 14 | 26 0 0 | 0 0 | 760 | n/a |
| RodosekW98 RodosekW98 | R. Rodosek, M. G. Wallace | A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems | Yes | [735] | 1998 | CP 1998 | 15 | 19 20 32 | 10 23 | 781 | n/a |
| SakkoutRW98 SakkoutRW98 | H. E. Sakkout, T. Richards, M. G. Wallace | Minimal Perturbance in Dynamic Scheduling | No | [755] | 1998 | ECAI 1998 | 5 | 0 0 0 | 0 0 | No | n/a |
| BaptisteP97 BaptisteP97 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [68] | 1997 | CP 1997 | 15 | 8 9 14 | 10 22 | 474 | n/a |

Table 2: PAPER (Total 445)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckDF97 BeckDF97 | J. C. Beck, A. J. Davenport, M. S. Fox | Five Pitfalls of Empirical Scheduling Research | Yes | [90] | 1997 | CP 1997 | 15 | 3 3 6 | 12 41 | 484 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |
| BoucherBVBL97 BoucherBVBL97 | E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard | Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Schedulingt Problem | No | [159] | 1997 | PACT 1997 | 18 | 0 0 0 | 0 0 | No | n/a |
| Caseau97 Caseau97 | Y. Caseau | Using Constraint Propagation for Complex Scheduling Problems: Managing Size, Complex Resources and Travel | Yes | [191] | 1997 | CP 1997 | 4 | 0 1 0 | 0 0 | 535 | n/a |
| GetoorOFC97 GetoorOFC97 | L. Getoor, G. Ottosson, M. P. J. Fromherz, B. Carlson | Effective Redundant Constraints for Online Scheduling | Yes | [337] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 606 | n/a |
| LeeKLKKYHP97 LeeKLKKYHP97 | K. J. Lee, H. W. Kim, J. K. Lee, T. H. Kim, C. G. Kim, M. K. Yoon, E. J. Hwang, H. J. Park | Case and Constraint-Based Apartment Construction Project Planning System: FASTrak-APT | Yes | [523] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 690 | n/a |
| MorgadoM97 MorgadoM97 | E. M. Morgado, J. P. Martins | CREWS NS: Scheduling Train Crew in The Netherlands | Yes | [618] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 733 | n/a |
| MurphyRFSS97 MurphyRFSS97 | K. Murphy, E. Ralston, D. Friedlander, R. Swab, P. Steege | The Scheduling of Rail at Union Pacific Railroad | Yes | [624] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 739 | n/a |
| MurthyRAW97 MurthyRAW97 | S. S. Murthy, J. Rachlin, R. Akkiraju, F. Y. Wu | Agent-Based Cooperative Scheduling | No | [626] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | No | n/a |
| OddiS97 OddiS97 | A. Oddi, S. F. Smith | Stochastic Procedures for Generating Feasible Schedules | Yes | [665] | 1997 | AAAI 1997 | 7 | 0 0 0 | 0 0 | 751 | n/a |
| PapeB97 PapeB97 | C. L. Pape, P. Baptiste | A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling | Yes | [683] | 1997 | PACT 1997 | 20 | 0 0 0 | 0 0 | 758 | n/a |
| Schaerf97 Schaerf97 | A. Schaerf | Combining Local Search and Look-Ahead for Scheduling and Constraint Satisfaction Problems | Yes | [759] | 1997 | IJCAI 1997 | 6 | 0 0 0 | 0 0 | 787 | n/a |
| BrusoniCLMMT96 BrusoniCLMMT96 | V. Brusoni, L. Console, E. Lamma, P. Mello, M. Milano, P. Terenziani | Resource-Based vs. Task-Based Approaches for Scheduling Problems | Yes | [170] | 1996 | ISMIS 1996 | 10 | 1 1 4 | 9 26 | 527 | n/a |
| Colombani96 Colombani96 | Y. Colombani | Constraint Programming: an Efficient and Practical Approach to Solving the Job-Shop Problem | Yes | [219] | 1996 | CP 1996 | 15 | 4 4 10 | 5 12 | 552 | n/a |
| PapeB96 PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | No | [682] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| RoweJCA96 RoweJCA96 | J. Rowe, K. Jewers, A. Codd, A. Alcock | Intelligent Retail Logistics Scheduling | Yes | [747] | 1996 | AAAI 1996 | 9 | 0 0 0 | 0 0 | 785 | n/a |
| Schaerf96 Schaerf96 | A. Schaerf | Scheduling Sport Tournaments using Constraint Logic Programming | No | [758] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| StidsenKM96 StidsenKM96 | T. R. Stidsen, L. V. Kragelund, O. Mateescu | Jobshop Scheduling in a Shipyard | No | [799] | 1996 | ECAI 1996 | 8 | 0 0 0 | 0 0 | No | n/a |
| Zhou96 Zhou96 | J. Zhou | A Constraint Program for Solving the Job-Shop Problem | Yes | [926] | 1996 | CP 1996 | 15 | 10 10 8 | 7 17 | 868 | n/a |
| BaptisteP95 BaptisteP95 | P. Baptiste, C. L. Pape | A Theoretical and Experimental Comparison of Constraint Propagation Techniques for Disjunctive Scheduling | Yes | [67] | 1995 | IJCAI 1995 | 7 | 0 0 0 | 0 0 | 473 | n/a |
| Goltz95 Goltz95 | H.-J. Goltz | Reducing Domains for Search in CLP(FD) and Its Application to Job-Shop Scheduling | Yes | [352] | 1995 | CP 1995 | 14 | 7 7 8 | 7 14 | 614 | n/a |
| Puget95 Puget95 | J.-F. Puget | Applications of Constraint Programming | Yes | [713] | 1995 | CP 1995 | 4 | 6 6 11 | 2 11 | 772 | n/a |
| Simonis95 Simonis95 | H. Simonis | The CHIP System and Its Applications | Yes | [789] | 1995 | CP 1995 | 4 | 7 7 13 | 3 7 | 800 | n/a |
| Simonis95a Simonis95a | H. Simonis | Application Development with the CHIP System | Yes | [788] | 1995 | CONTESSA 1995 | 21 | 1 1 0 | 12 30 | 801 | n/a |
| SimonisC95 SimonisC95 | H. Simonis, T. Cornelissens | Modelling Producer/Consumer Constraints | Yes | [793] | 1995 | CP 1995 | 14 | 17 16 21 | 8 23 | 803 | n/a |

Table 2: PAPER (Total 445)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Touraivane95 Touraivane95 | Touraïvane | Constraint Programming and Industrial Applications | Yes | [835] | 1995 | CP 1995 | 3 | 2 0 1 | 1 0 | 825 | n/a |
| CrawfordB94 CrawfordB94 | J. M. Crawford, A. B. Baker | Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems | Yes | [221] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 553 | n/a |
| JourdanFRD94 JourdanFRD94 | J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure | Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming | No | [452] | 1994 | ILPS 1994 | 1 | 0 0 0 | 0 0 | No | n/a |
| Muscettola94 Muscettola94 | N. Muscettola | On the Utility of Bottleneck Reasoning for Scheduling | Yes | [627] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 741 | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |
| NuijtenA94a NuijtenA94a | W. P. M. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | No | [656] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| Rodosek94 Rodosek94 | R. Rodosek | Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective | No | [734] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| Wallace94 Wallace94 | M. G. Wallace | Applying Constraints for Scheduling | No | [874] | 1994 | Constraint Programming 1994 | 19 | 0 0 0 | 0 0 | No | n/a |
| YeGMH94 YeGMH94 | P. Ye, D. Glass, M. F. McTear, J. G. Hughes | Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm | No | [900] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| YoshikawaKNW94 YoshikawaKNW94 | M. Yoshikawa, K. Kaneko, Y. Nomura, M. Watanabe | A Constraint-Based Approach to High-School Timetabling Problems: A Case Study | Yes | [901] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 861 | n/a |
| SmithC93 SmithC93 | S. F. Smith, C.-C. Cheng | Slack-Based Heuristics for Constraint Satisfaction Scheduling | Yes | [796] | 1993 | AAAI 1993 | 6 | 0 0 0 | 0 0 | 805 | n/a |
| BaptisteLV92 BaptisteLV92 | P. Baptiste, B. Legeard, C. Varnier | Hoist scheduling problem: an approach based on constraint logic programming | Yes | [71] | 1992 | ICRA 1992 | 6 | 13 11 0 | 6 14 | 472 | n/a |
| DincbasS91 DincbasS91 | M. Dincbas, H. Simonis | Apache-a constraint based, automated stand allocation system | Yes | [251] | 1991 | ASTAIR 1991 | 13 | 0 0 0 | 0 0 | 564 | n/a |
| ErtlK91 ErtlK91 | M. A. Ertl, A. Krall | Optimal Instruction Scheduling using Constraint Logic Programming | Yes | [278] | 1991 | PLILP 1991 | 12 | 14 14 13 | 14 19 | 577 | n/a |
| Hamscher91 Hamscher91 | W. Hamscher | ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals | Yes | [386] | 1991 | AAAI 1991 | 6 | 0 0 0 | 0 0 | 625 | n/a |
| EskeyZ90 EskeyZ90 | M. Eskey, M. Zweben | Learning Search Control for Constraint-Based Scheduling | Yes | [280] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 578 | n/a |
| FoxS90 FoxS90 | M. S. Fox, N. M. Sadeh | Why is Scheduling Difficult? A CSP Perspective | Yes | [306] | 1990 | ECAI 1990 | 14 | 0 0 0 | 0 0 | 586 | n/a |
| MintonJPL90 MintonJPL90 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Solving Large-Scale Constraint-Satisfaction and Scheduling Problems Using a Heuristic Repair Method | Yes | [610] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 729 | n/a |
| FeldmanG89 FeldmanG89 | R. Feldman, M. C. Golumbic | Constraint Satisfiability Algorithms for Interactive Student Scheduling | Yes | [296] | 1989 | IJCAI 1989 | 7 | 0 0 0 | 0 0 | 581 | n/a |
| KengY89 KengY89 | N. Keng, D. Y. Y. Yun | A Planning/Scheduling Methodology for the Constrained Resource Problem | Yes | [472] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 661 | n/a |
| Prosser89 Prosser89 | P. Prosser | A Reactive Scheduling Agent | Yes | [712] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 771 | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |
| Rit86 Rit86 | J.-F. Rit | Propagating Temporal Constraints for Scheduling | Yes | [733] | 1986 | AAAI 1986 | 6 | 0 0 0 | 0 0 | 780 | n/a |
| FoxAS82 FoxAS82 | M. S. Fox, B. P. Allen, G. Strohm | Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning | Yes | [305] | 1982 | AAAI 1982 | 4 | 0 0 0 | 0 0 | 585 | n/a |

## 2.2 Extracted Concepts

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AalianPG23 [1] | 16 | preemptive, transportation, constraint programming, order, scheduling, preempt, machine, make-span, activity, flow-shop, CP, resource | | cycle, cumulative, noOverlap, endBeforeStart, alwaysIn | | CPO, Cplex | steel cable | mining industry | real-world | large neighborhood search, genetic algorithm | 4 | 875 |
| AbdennadherS99 [2] | 6 | task, CSP, constraint satisfaction, CLP, distributed, constraint programming, scheduling, order, constraint logic programming | | Cardinality constraint, Arithmetic constraint | Prolog, Lisp | CHIP | nurse | | real-life | | 378 | n/a |
| AbrilSB05 [6] | 1 | distributed, scheduling, multi-agent, CP, order, CSP | | | | | railway | | | | 293 | n/a |
| AchterbergBKW08 [8] | 15 | CLP, machine, CP, scheduling, constraint logic programming, task, constraint programming, order | | circuit | | OPL, SCIP, Cplex | semiconductor | | benchmark | GRASP | 253 | n/a |
| Acuna-AgostMFG09 [9] | 2 | re-scheduling, order, CP, scheduling, transportation, constraint programming | | | | | railway | | Roadef | | 238 | n/a |
| AgussurjaKL18 [17] | 8 | precedence, CP, activity, re-scheduling, bi-objective, scheduling, order, transportation, constraint satisfaction, constraint programming, resource, Benders Decomposition, Logic-Based Benders Decomposition | Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | Cplex | evacuation, aircraft, crew-scheduling, train schedule | | real-world | lazy clause generation | 84 | n/a |
| AkkerDH07 [856] | 15 | unavailability, due-date, cmax, CP, machine, lateness, constraint programming, resource, order, completion-time, constraint satisfaction, release-date, job, sequence dependent setup, preempt, no-wait, planned maintenance, scheduling, precedence, make-span, preemptive | parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, single machine | cumulative | | Cplex | | | | column generation, simulated annealing | 268 | n/a |
| AlesioNBG14 [247] | 18 | COP, preemptive, completion-time, CP, task, make-span, open-shop, order, preempt, periodic, scheduling, resource, job-shop, distributed, constraint optimization, job, activity, constraint programming | | alldifferent | | OPL, Cplex | automotive | | benchmark | meta heuristic, genetic algorithm | 160 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AmadiniGM16 [27] | 7 | precedence, make-span, scheduling, resource, CSP, distributed, constraint programming, COP, CP, task | Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | Choco Solver, MiniZinc, Gurobi, Gecode, OR-Tools | | | real-life, benchmark, github | lazy clause generation | 118 | 943 |
| AngelsmarkJ00 [28] | 5 | resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop | | | | | | | | | 371 | n/a |
| AntunesABD18 [29] | 8 | earliness, scheduling, machine, periodic, activity, due-date, re-scheduling, CP, Benders Decomposition, COP, order, lateness, Logic-Based Benders Decomposition, stochastic, task, constraint programming | | BinPacking constraint, bin-packing | | Cplex | workforce scheduling, maintenance scheduling | electricity industry | real-world, industry partner, industrial partner | column generation, large neighborhood search, genetic algorithm, meta heuristic | 85 | n/a |
| AntuoriHHEN20 [31] | 16 | job-shop, constraint programming, Pareto, release-date, resource, periodic, job, order, completion-time, tardiness, stochastic, due-date, task, precedence, CP, scheduling, machine | | cycle, Channeling constraint, alldifferent, circuit, Element constraint | | Choco Solver | torpedo | | random instance, generated instance, gitlab, benchmark, industrial instance | reinforcement learning, machine learning, neural network, large neighborhood search | 52 | 917 |
| AntuoriHHEN21 [32] | 16 | transportation, job-shop, constraint programming, release-date, resource, job, order, tardiness, CSP, stochastic, due-date, task, precedence, CP, scheduling, machine | | cycle | C++, Java | Choco Solver, Gecode | car manufacturing, drone, automotive | automotive industry | gitlab, supplementary material | reinforcement learning, deep learning, machine learning, neural network, GRASP, large neighborhood search | 39 | 906 |
| ArbaouiY18 [35] | 10 | order, job, constraint programming, scheduling, setup-time, machine, make-span, cmax, sequence dependent setup, unavailability, resource, no-wait, completion-time, CP | single machine, parallel machine | noOverlap, cumulative, Pulse constraint, alternative constraint | C++ | Cplex | | | benchmark | mat heuristic, genetic algorithm, meta heuristic | 86 | n/a |
| ArmstrongGOS21 [38] | 18 | job-shop, sequence dependent setup, multi-objective, cmax, transportation, scheduling, make-span, preempt, setup-time, constraint programming, machine, flow-shop, CP, job, order, preemptive, constraint logic programming, completion-time, resource, precedence, task | HFF, HFS, HFFTT | alternative constraint, bin-packing, cycle, table constraint, circuit, diffn, cumulative | Java, Prolog | MiniZinc, Chuffed, Gecode, CHIP, CPO, SICStus, Cplex | robot | packaging industry | industry partner, instance generator, zenodo, supplementary material, real-world, industrial partner, benchmark | meta heuristic, genetic algorithm, energetic reasoning, ant colony, memetic algorithm | 40 | 907 |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ArmstrongGOS22 [39] | 13 | cmax, no-wait, transportation, scheduling, make-span, constraint programming, machine, flow-shop, CP, job, re-scheduling, order, explanation, completion-time, resource, task | HFF, parallel machine, HFS, HFFTT | noOverlap, cumulative | Prolog | OPL, SICStus | | | real-world, benchmark | GRASP, meta heuristic, mat heuristic, IGT, NEH | 21 | 891 |
| AronssonBK09 [41] | 13 | job-shop, transportation, CLP, job, order, CP, task, constraint programming | | cumulative | Prolog | Cplex, CHIP | railway | | real-world, real-life | sweep | 239 | n/a |
| ArtiguesBF04 [42] | 13 | batch process, cmax, completion-time, scheduling, machine, job, make-span, setup-time, preempt, order, CP, resource, one-machine scheduling, constraint programming, preemptive, release-date, precedence, sequence dependent setup, job-shop | | Disjunctive constraint, disjunctive | C++ | Ilog Solver, Ilog Scheduler | | | benchmark | edge-finding, meta heuristic, Lagrangian relaxation | 324 | n/a |
| ArtiguesHQT21 [45] | 8 | preemptive, scheduling, release-date, machine, job, order, resource, preempt, CP | Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | Cplex | wildfire, evacuation | | | | 41 | n/a |
| ArtiouchineB05 [49] | 15 | release-date, activity, machine, re-scheduling, scheduling, order, make-span, preempt, CP, completion-time, resource, job, open-shop, preemptive, job-shop, CSP, precedence | parallel machine, single machine | Disjunctive constraint, disjunctive, cumulative | | Ilog Scheduler | aircraft, airport | | generated instance, random instance | not-last, not-first, edge-finding | 294 | n/a |
| Astrand0F21 [51] | 18 | task, constraint programming, precedence, make-span, order, machine, CP, open-shop, job, activity, scheduling, resource, job-shop | Partial Order Schedule | disjunctive, cycle, Disjunctive constraint | | Gecode | farming, forestry, agriculture, drone, robot, satellite | potash industry, mineral industry, mining industry | benchmark, real-world, generated instance, real-life | large neighborhood search, genetic algorithm | 42 | 908 |
| AstrandJZ18 [52] | 9 | task, constraint programming, multi-objective, make-span, order, machine, CP, periodic, activity, scheduling, resource, CSP | single machine | disjunctive, cycle, cumulative | | Gecode | hoist, robot | potash industry | | time-tabling | 87 | n/a |
| BadicaBIL19 [56] | 11 | completion-time, CP, constraint logic programming, order, machine, multi-agent, scheduling, resource, distributed, activity, constraint programming, make-span, CLP | | Arithmetic constraint, cycle | | Gecode, ECLiPSe | business process | | github | | 65 | 928 |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BajestaniB11 [57] | 8 | scheduling, machine, transportation, tardiness, make-span, single-machine scheduling, inventory, due-date, job, re-scheduling, CP, Benders Decomposition, stochastic, breakdown, constraint programming, order, Logic-Based Benders Decomposition, resource, periodic | single machine, JSSP | circuit, cycle, Cardinality constraint, cumulative | | Ilog Solver, Cplex | railway, maintenance scheduling, aircraft | | | | 207 | n/a |
| Balduccini11 [60] | 13 | CP, resource, CSP, constraint programming, precedence, CLP, tardiness, constraint satisfaction, scheduling, job, re-scheduling, order | | cumulative, disjunctive | | CHIP | | | benchmark | | 208 | n/a |
| Baptiste09 [63] | 1 | scheduling, CP | | | | | | | | | 240 | n/a |
| BaptisteLV92 [71] | 6 | | | | | | | | | | 433 | n/a |
| BaptisteP95 [67] | 7 | machine, preempt, CP, scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, completion-time, task, constraint satisfaction, constraint programming, precedence, order, CLP | | Disjunctive constraint, disjunctive | | Ilog Solver | | | | energetic reasoning, edge-finding | 416 | n/a |
| BaptisteP97 [68] | 15 | preempt, CP, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order | Resource-constrained Project Scheduling Problem, RCPSP | cumulative, Disjunctive constraint, disjunctive | C++ | Claire, CHIP | | | benchmark | edge-finding, edge-finder | 395 | n/a |
| BarbulescuWH04 [72] | 6 | stochastic, CP, resource, job, job-shop, explanation, constraint satisfaction, task, distributed, scheduling, order | | cycle | | | robot, satellite | | | genetic algorithm | 325 | n/a |
| BarlattCG08 [73] | 5 | setup-time, CP, task, machine, scheduling, resource, job-shop, transportation, job, flow-shop | | | | | automotive, pipeline | | real-world | | 254 | n/a |
| Bartak02 [75] | 16 | activity, job-shop, CP, earliness, constraint logic programming, continuous-process, CSP, order, make-span, machine, job, resource, lateness, precedence, CLP, scheduling, constraint programming, constraint satisfaction, task | | Disjunctive constraint, cumulative, disjunctive | Prolog | SICStus | dairies | | real-life | edge-finding, time-tabling | 352 | n/a |
| Bartak02a [74] | 15 | earliness, CLP, CSP, CP, machine, re-scheduling, constraint programming, job-shop, resource, order, activity, constraint satisfaction, scheduling, make-span, task, job, precedence, tardiness | | Disjunctive constraint, cumulative, disjunctive | | Ilog Scheduler | dairies | | benchmark, real-life | time-tabling, edge-finding | 353 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BartakV15 [80] | 12 | CP, machine, lateness, re-scheduling, job-shop, resource, order, activity, constraint satisfaction, setup-time, breakdown, scheduling, make-span, reactive scheduling, job, explanation, precedence | | | | | | | real-world, real-life | sweep | 139 | n/a |
| BartoliniBBLM14 [81] | 16 | tardiness, CP, make-span, scheduling, resource, task, job, explanation, constraint programming, activity, machine | | cumulative, alternative constraint | | | high performance computing, super-computer | | | large neighborhood search | 161 | n/a |
| BarzegaranZP20 [84] | 9 | resource, re-scheduling, constraint satisfaction, task, distributed, machine, scheduling, order, constraint programming, CP | | | Java | OR-Tools | robot, automotive | | | meta heuristic | 53 | 918 |
| Beck06 [86] | 10 | due-date, order, explanation, CP, tardiness, flow-shop, resource, job, scheduling, machine, job-shop, constraint programming, constraint satisfaction, make-span | | | | Ilog Scheduler | | | benchmark | machine learning, meta heuristic | 284 | n/a |
| Beck10 [88] | 15 | due-date, order, single-machine scheduling, CP, release-date, activity, resource, job, Benders Decomposition, scheduling, machine, constraint programming, constraint logic programming, make-span, Logic-Based Benders Decomposition | single machine | cumulative, bin-packing | | Ilog Solver, Cplex | | | | | 227 | n/a |
| BeckDF97 [90] | 15 | release-date, job-shop, constraint satisfaction, CSP, activity, CP, make-span, explanation, resource, inventory, precedence, due-date, re-scheduling, order, scheduling, machine, job, task | single machine | cycle, cumulative | | | robot | | benchmark, real-world | edge-finding | 396 | n/a |
| BeckDSF97 [91] | 8 | CSP, CP, re-scheduling, inventory, job-shop, resource, constraint optimization, order, activity, constraint satisfaction, release-date, scheduling, make-span, distributed, task, job, due-date, precedence | | cumulative, disjunctive | | | robot | | benchmark, real-world | edge-finding | 397 | n/a |
| BeckDSF97a [92] | 8 | constraint satisfaction, resource, job-shop, activity, explanation, precedence, CP, order, constraint optimization, job, CSP, release-date, scheduling, machine, make-span, due-date | single machine | | | | robot | | benchmark, real-world | edge-finding | 398 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckF99 [95] | 8 | job-shop, explanation, task, CSP, machine, activity, resource, constraint satisfaction, job, order, scheduling, CP | | disjunctive, cumulative, Disjunctive constraint | | | robot | | real-world | not-last, not-first, edge-finding | 379 | n/a |
| BeckPS03 [98] | 10 | activity, CP, make-span, explanation, earliness, flow-time, resource, precedence, due-date, re-scheduling, order, tardiness, scheduling, completion-time, machine, job, task, release-date, transportation, constraint programming, job-shop, constraint satisfaction, stochastic, setup-time | RCPSP | | | Ilog Scheduler | robot | | real-world, benchmark | meta heuristic | 342 | n/a |
| BeckW04 [100] | 5 | job-shop, one-machine scheduling, stochastic, make-span, machine, activity, distributed, flow-shop, resource, job, order, scheduling, CP | single machine | | | Ilog Scheduler | | | | genetic algorithm, time-tabling, edge-finding | 326 | n/a |
| BeckW05 [101] | 6 | job-shop, explanation, stochastic, make-span, activity, flow-shop, resource, constraint satisfaction, job, order, scheduling, CP | | Balance constraint | | Ilog Scheduler | | | | edge-finder | 295 | n/a |
| BehrensLM19 [105] | 7 | resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization | | | Python | OR-Tools, MiniZinc | robot | | github, real-world | | 66 | 929 |
| BeldiceanuC01 [107] | 15 | distributed, CP, scheduling, job-shop, resource, job, order | | cumulative, alldifferent | Prolog | CHIP, SICStus | | | benchmark | sweep | 366 | n/a |
| BeldiceanuC02 [108] | 17 | task, CP, activity, producer/consumer, scheduling, machine, CLP, resource, order | single machine | Cumulatives constraint, cumulative | Prolog | CHIP, SICStus | crew-scheduling | | random instance, benchmark, real-life | sweep | 354 | n/a |
| BeldiceanuCP08 [110] | 15 | resource, task, scheduling, order, constraint programming, CP | | disjunctive, geost, cumulative | Prolog | CHIP, SICStus, OPL | perfect-square, rectangle-packing | | benchmark | edge-finding, sweep | 255 | n/a |
| BeldiceanuP07 [112] | 15 | preempt, task, preemptive, CP, scheduling, release-date, constraint programming, resource, order, due-date | | disjunctive, cumulative | | | | | | sweep | 269 | n/a |
| BenderWS21 [114] | 16 | activity, explanation, CP, resource, job, constraint programming, setup-time, order, scheduling, preempt, task, machine, make-span, distributed, preemptive | RCPSP | noOverlap | Python | | agriculture | | | meta heuristic | 43 | 909 |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BenediktSMVH18 [117] | 10 | single-machine scheduling, multi-objective, scheduling, order, preempt, constraint programming, CP, job, job-shop, resource, machine | single machine, parallel machine | noOverlap | | Gurobi | energy-price | | generated instance, github, random instance | machine learning, column generation | 88 | 936 |
| BeniniBGM05 [118] | 15 | CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, tardiness, periodic, scheduling, resource, due-date, distributed, job, activity, constraint programming, completion-time | parallel machine | circuit, cumulative, cycle | | Cplex, ECLiPSe | automotive, pipeline, round-robin | | | genetic algorithm, simulated annealing | 296 | n/a |
| BeniniBGM05a [119] | 2 | constraint programming, order, precedence, resource, task, completion-time, scheduling, make-span, activity, distributed, CP | | cumulative | | Ilog Solver, Cplex | pipeline | | | | 297 | n/a |
| BeniniBGM06 [120] | 15 | setup-time, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, tardiness, scheduling, resource, distributed, activity, constraint programming | | cumulative, cycle | | Cplex, Ilog Solver, ECLiPSe | automotive, pipeline | | real-life | column generation | 285 | n/a |
| BeniniLMMR08 [121] | 15 | order, release-date, precedence, Logic-Based Benders Decomposition, resource, task, scheduling, machine, tardiness, make-span, activity, explanation, CP, Benders Decomposition, stochastic, breakdown, constraint programming | SCC, single machine | circuit | | Ilog Scheduler, Cplex | | | | column generation | 256 | n/a |
| BeniniLMR08 [122] | 15 | CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, preempt, tardiness, periodic, scheduling, resource, CSP, distributed, activity, constraint programming, release-date, preemptive | SCC | circuit | | Cplex, Ilog Scheduler | medical, pipeline | | benchmark | simulated annealing | 257 | n/a |
| BenoistGR02 [124] | 15 | activity, constraint programming, multi-objective, CLP, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, stochastic, constraint satisfaction, order, machine, scheduling, resource, transportation | | | | Choco Solver, Claire, CHIP | workforce scheduling | | benchmark, real-life | time-tabling | 355 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BertholdHLMS10 [126] | 5 | constraint programming, scheduling, order, preempt, CP, completion-time, resource, job, explanation, precedence | psplib, RCPSP | disjunctive, cumulative | | SCIP, Cplex, Z3 | | | | | 228 | n/a |
| BessiereHMQW14 [127] | 16 | constraint satisfaction, resource, task, scheduling, order, setup-time, constraint programming, machine, CP, job | | BufferedResource, Element constraint, cycle, Cardinality constraint, alldifferent | | Choco Solver | satellite | textile industry | benchmark, real-life | | 162 | n/a |
| BhatnagarKL19 [128] | 7 | CP, activity, re-scheduling, bi-objective, scheduling, transportation, constraint programming, resource, order, completion-time, multi-objective, make-span, task, precedence | Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | | | | real-world | | 67 | n/a |
| BidotVLB07 [129] | 6 | job-shop, activity, CP, order, re-scheduling, reactive scheduling, job, constraint programming, precedence, stochastic, scheduling, task, tardiness, make-span, constraint satisfaction, resource, periodic | | | | | robot | | real-life | | 270 | n/a |
| BillautHL12 [131] | 15 | job-shop, setup-time, stochastic, constraint programming, precedence, release-date, flow-shop, multi-objective, reactive scheduling, make-span, order, completion-time, machine, CP, cmax, tardiness, due-date, open-shop, job, scheduling, resource | single machine | cycle | | Mistral, Cplex | | | random instance | | 193 | n/a |
| Bit-Monnot23 [132] | 8 | task, precedence, scheduling, machine, make-span, activity, explanation, constraint satisfaction, distributed, job, CP, open-shop, constraint programming, order, job-shop, resource, CSP | OSP, Partial Order Schedule, Open Shop Scheduling Problem | Disjunctive constraint, cycle, cumulative, disjunctive | | MiniZinc, Mistral, OR-Tools, CPO | | | benchmark, real-world, github | particle swarm, lazy clause generation, large neighborhood search, genetic algorithm | 5 | 876 |
| BofillCGGPSV23 [141] | 2 | precedence, task, constraint programming, scheduling, order, CP | | | | Cplex, MiniZinc, Gecode | meeting scheduling | | real-world | lazy clause generation | 6 | n/a |
| BofillCSV17 [143] | 9 | precedence, make-span, order, machine, preempt, cmax, scheduling, resource, activity, constraint programming, preemptive, CP | psplib, Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | SCIP, Z3 | | | benchmark | energetic reasoning, lazy clause generation | 103 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCSV17a [142] | 8 | precedence, resource, preemptive, scheduling, machine, make-span, activity, preempt, CP, constraint programming, order | RCPSP, Resource-constrained Project Scheduling Problem, psplib | cumulative, disjunctive, cycle | | | | | benchmark | edge-finding, genetic algorithm, meta heuristic | 104 | n/a |
| BofillEGPSV14 [144] | 16 | CP, CSP, scheduling, task, machine, order, constraint satisfaction | | Channeling constraint | | Gecode, MiniZinc, SCIP, Cplex | meeting scheduling | | industrial instance | lazy clause generation, time-tabling | 163 | n/a |
| BofillGSV15 [145] | 9 | constraint programming, CLP, CP, order, machine, scheduling, CSP | | Cardinality constraint, Channeling constraint | | Cplex | meeting scheduling, high school timetabling | | industrial instance | time-tabling | 140 | n/a |
| BogaerdtW19 [857] | 16 | scheduling, job-shop, job, completion-time, setup-time, CP, single-machine scheduling, precedence, order, machine, tardiness | parallel machine, single machine | noOverlap | C | OPL, Cplex | railway | | benchmark | | 68 | 930 |
| BonfiettiLBM11 [147] | 15 | precedence, task, activity, machine, scheduling, order, make-span, cyclic scheduling, constraint programming, CP, resource, job, periodic, job-shop | RCPSP | cycle, cumulative | | Ilog Solver | hoist, robot | | benchmark, generated instance, industrial instance | | 209 | n/a |
| BonfiettiLBM12 [148] | 16 | precedence, activity, distributed, machine, scheduling, order, make-span, cyclic scheduling, CP, resource, job, periodic, job-shop | RCPSP | cycle, cumulative | | Ilog Solver | hoist, robot | | benchmark | time-tabling | 194 | n/a |
| BonfiettiLM13 [150] | 5 | scheduling, cyclic scheduling, job-shop, constraint programming, resource, periodic, job, order, make-span, precedence, CP, activity, CSP | Resource-constrained Project Scheduling Problem, RCPSP | cumulative, cycle | | Cplex | | | | | 178 | n/a |
| BonfiettiLM14 [151] | 16 | scheduling, machine, job-shop, resource, job, order, reactive scheduling, open-shop, stochastic, distributed, make-span, task, precedence, explanation, CP, activity, CSP | Partial Order Schedule, RCPSP, psplib | cumulative | | | | | benchmark, real-world | large neighborhood search | 164 | n/a |
| BonfiettiM12 [152] | 3 | task, cyclic scheduling, scheduling, machine, activity, job, CP, constraint programming, precedence, job-shop, resource, periodic | RCPSP | cumulative | | | hoist | | industrial instance | | 195 | n/a |
| BonfiettiZLM16 [153] | 17 | resource, periodic, precedence, activity, scheduling, order, make-span, cyclic scheduling, constraint programming, CP | RCPSP | cumulative, cycle, disjunctive | | OR-Tools | automotive | automotive industry, control system industry | generated instance, github, industrial instance, benchmark, real-world | edge-finder, sweep | 119 | 944 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BonninMNE24 [154] | 12 | job, activity, flow-time, constraint programming, COP, precedence, release-date, flow-shop, make-span, preemptive, completion-time, CP, task, single-machine scheduling, open-shop, order, machine, preempt, scheduling, explanation, resource, job-shop | single machine | noOverlap, Flowtime constraint, Completion constraint, disjunctive, cumulative, Disjunctive constraint | C++ | Cplex | patient, COVID, vaccine | | benchmark, real-life | edge-finding, particle swarm, sweep, time-tabling | 1 | n/a |
| BoothNB16 [155] | 17 | distributed, constraint programming, resource, Benders Decomposition, order, activity, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, task, machine, precedence, CSP, CP, re-scheduling | | noOverlap, disjunctive, cumulative | C++ | Cplex | robot, medical | | real-world | large neighborhood search | 120 | n/a |
| BoudreaultSLQ22 [160] | 16 | constraint programming, transportation, distributed, COP, order, explanation, cmax, precedence, activity, machine, CP, make-span, scheduling, multi-objective, resource, preempt, task | psplib, RCPSP, Resource-constrained Project Scheduling Problem | disjunctive, Cumulatives constraint, Disjunctive constraint, cumulative | | Chuffed, MiniZinc, OPL, OR-Tools | offshore | repair industry, ship repair industry | gitlab, github, real-world, supplementary material, benchmark, generated instance, real-life, industrial partner | large neighborhood search, meta heuristic, edge-finding, lazy clause generation, not-first, not-last, energetic reasoning | 22 | 892 |
| BourdaisGP03 [161] | 15 | scheduling, order, CP, resource, task, constraint programming, CLP, constraint satisfaction | | Cardinality constraint | C++ | OPL, CHIP, Ilog Solver | nurse, physician, patient | | real-life, real-world, benchmark | column generation | 343 | n/a |
| BridiLBBM16 [167] | 2 | task, constraint programming, make-span, order, machine, periodic, distributed, job, activity, scheduling, resource | | | | | | | | | 121 | n/a |
| BrusoniCLMMT96 [170] | 10 | constraint logic programming, due-date, CSP, resource, precedence, task, job-shop, COP, constraint satisfaction, no-wait, constraint optimization, CLP, scheduling, order, activity, distributed, job | | disjunctive, Disjunctive constraint | Prolog | | railway, train schedule | | | | 409 | n/a |
| BurtLPS15 [172] | 17 | task, bi-objective, job, unavailability, machine, stochastic, precedence, tardiness, constraint programming, completion-time, CP, job-shop, resource, Benders Decomposition, order, periodic, single-machine scheduling, scheduling, make-span | parallel machine, single machine | cumulative, cycle | | Cplex, Gurobi, Gecode, MiniZinc | | | benchmark, industry partner, real-world | quadratic programming, MIQP, MINLP | 141 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CambazardHDJT04 [176] | 15 | machine, CP, preemptive, scheduling, completion-time, periodic, Logic-Based Benders Decomposition, resource, preempt, Benders Decomposition, task, constraint programming, distributed, order, constraint logic programming, explanation, precedence, constraint satisfaction | parallel machine | Cardinality constraint, Element constraint, Channeling constraint | Java | | aircraft, robot, automotive | | benchmark | simulated annealing, genetic algorithm | 327 | n/a |
| CambazardJ05 [177] | 5 | scheduling, explanation, CP, Benders Decomposition, constraint logic programming, task, constraint programming, Logic-Based Benders Decomposition, CSP | | | | Choco Solver | | | | | 298 | n/a |
| CappartS17 [179] | 16 | multi-objective, re-scheduling, scheduling, task, machine, constraint satisfaction, job-shop, completion-time, COP, CP, resource, breakdown, activity, explanation, job, constraint programming, precedence, order | TMS | cumulative, span constraint, noOverlap, alternative constraint | | OPL | train schedule, railway | | bitbucket, real-life, random instance | large neighborhood search | 105 | 939 |
| CappartTSR18 [180] | 17 | Logic-Based Benders Decomposition, resource, periodic, CSP, activity, Pareto, scheduling, transportation, setup-time, producer/consumer, CP, Benders Decomposition, multi-objective, constraint programming, order | Partial Order Schedule | cumulative, noOverlap, circuit, disjunctive | | MiniZinc, Cplex, CPO, OPL | medical, patient | | bitbucket, real-life, CSPlib | column generation, large neighborhood search | 89 | 937 |
| CarchraeBF05 [182] | 1 | task, scheduling, make-span, order, CP | Partial Order Schedule | | | | | | | | 299 | n/a |
| CarlssonKA99 [190] | 15 | task, constraint programming, precedence, job-shop, CLP, cmax, completion-time, due-date, scheduling, machine, job, make-span, setup-time, order, resource, breakdown | | cycle | Prolog | SICStus | | | real-world | | 380 | n/a |
| Caseau97 [191] | 4 | preempt, make-span, job, resource, preemptive, order, scheduling, task, constraint programming, job-shop, CP | | cumulative | | | robot | | benchmark | edge-finding | 400 | n/a |
| CatusseCBL16 [193] | 7 | release-date, due-date, scheduling, machine, job, COP, order, CP, resource, stochastic, task, constraint programming | parallel machine, single machine | disjunctive | Julia | OPL | telescope, astronomy | | | column generation, large neighborhood search, meta heuristic | 122 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CauwelaertDMS16 [194] | 16 | batch process, order, setup-time, precedence, activity, machine, sequence dependent setup, CP, preemptive, make-span, scheduling, completion-time, resource, preempt, task, job, job-shop, constraint programming | | cumulative, disjunctive | Java | | container terminal | | real-life, bitbucket, benchmark | not-first, not-last, edge-finding | 123 | 945 |
| CauwelaertLS15 [195] | 10 | CSP, task, scheduling, order, constraint programming, CP, resource | RCPSP, Resource-constrained Project Scheduling Problem, psplib | bin-packing, table constraint, cumulative, disjunctive, Cumulatives constraint, GCC constraint | | | | | benchmark, bitbucket | time-tabling, energetic reasoning | 142 | 946 |
| CestaOF99 [200] | 12 | job, scheduling, precedence, make-span, CSP, CP, machine, re-scheduling, stochastic, job-shop, resource, order, completion-time, activity, constraint satisfaction, release-date | RCPSP | cumulative, disjunctive | Lisp | | robot | | benchmark | | 381 | n/a |
| CestaOS00 [201] | 6 | job, scheduling, precedence, make-span, CSP, CP, re-scheduling, stochastic, job-shop, resource, order, activity, constraint satisfaction | JSSP, TCSP | disjunctive, cycle | Lisp | | robot | | benchmark | edge-finding | 372 | n/a |
| CestaOS98 [199] | 1 | job, scheduling, CSP, CP, resource | | | | | robot | | | | 389 | n/a |
| ChapadosJR11 [202] | 6 | task, scheduling, activity, CP, constraint programming, order | | cycle, cumulative | | OPL | | retail industry | | column generation, time-tabling | 210 | n/a |
| ChuGNSW13 [204] | 7 | distributed, resource, job, constraint satisfaction, scheduling, precedence, task, CP, machine, constraint programming, order, CSP | | Cardinality constraint, disjunctive, cumulative, alldifferent | | CHIP | | | | not-last, edge-finding, not-first | 179 | n/a |
| ChuX05 [205] | 15 | scheduling, machine, constraint programming, order, one-machine scheduling, completion-time, constraint logic programming, Logic-Based Benders Decomposition, due-date, explanation, single-machine scheduling, CP, release-date, resource, job, Benders Decomposition | single machine | cumulative, disjunctive, Disjunctive constraint | | ECLiPSe | | | | MINLP | 300 | n/a |
| ChunCTY99 [206] | 8 | constraint satisfaction, scheduling, task, reactive scheduling, explanation, CLP, CSP, CP, machine, distributed, constraint programming, resource, transportation, order | TMS | cycle | C++ | Ilog Solver | airport, aircraft | | | | 382 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ChunS14 [207] | 8 | constraint programming, transportation, CSP, task, resource, order, re-scheduling, constraint satisfaction, job, scheduling, constraint logic programming | TMS | | Java | OPL | railway, airport | | real-world | sweep | 165 | n/a |
| CireCH13 [209] | 7 | tardiness, scheduling, constraint programming, Benders Decomposition, constraint satisfaction, task, stochastic, CP, Logic-Based Benders Decomposition, explanation, constraint logic programming, precedence, order, make-span, machine, job, resource | | circuit, cumulative | | OPL, SCIP, Cplex | | | | | 180 | 954 |
| ClercqPBJ11 [213] | 16 | order, scheduling, resource, due-date, distributed, activity, release-date, completion-time, CP, precedence | | cumulative, alldifferent, SoftCumulative, Cumulatives constraint, SoftCumulativeSum, Cardinality constraint | Java | Choco Solver, CHIP | | | benchmark | time-tabling, edge-finding, sweep, energetic reasoning | 211 | n/a |
| CobanH10 [214] | 5 | CP, make-span, distributed, re-scheduling, preemptive, order, scheduling, job, tardiness, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, preempt | | circuit, disjunctive | | OPL, Cplex | | | | | 229 | n/a |
| CohenHB17 [216] | 17 | machine, constraint programming, CP, order, activity, constraint satisfaction, scheduling, task, COP | | noOverlap, alternative constraint | | Cplex, OPL | music festival | | | time-tabling, support vector regression, machine learning, simulated annealing | 106 | n/a |
| ColT19 [218] | 17 | scheduling, machine, job-shop, constraint programming, order, constraint satisfaction, make-span, CP, earliness, precedence, resource, job | JSSP | noOverlap, disjunctive | Java | OR-Tools, CPO, MiniZinc | | | benchmark, github, real-world | machine learning, genetic algorithm, large neighborhood search | 69 | 931 |
| Colombani96 [219] | 15 | job, scheduling, resource, due-date, job-shop, task, activity, stochastic, constraint programming, precedence, release-date, CLP, preempt, CP, constraint satisfaction, order, machine | | disjunctive | | CHIP | | | | simulated annealing | 410 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CrawfordB94 [221] | 6 | order, machine, scheduling, resource, job-shop, distributed, job, task | | | | | operating room | | | | 423 | n/a |
| DannaP03 [226] | 5 | constraint programming, job-shop, activity, CP, explanation, earliness, resource, order, tardiness, scheduling, machine, job | | disjunctive | | Ilog Solver, Ilog Scheduler, Cplex | | | benchmark | genetic algorithm, large neighborhood search | 344 | n/a |
| Davenport10 [229] | 5 | resource, release-date, completion-time, earliness, constraint programming, order, CP, planned maintenance, tardiness, periodic, scheduling, due-date | | | | Cplex | semiconductor maintenance scheduling | | | | 230 | n/a |
| DavenportKRSH07 [230] | 13 | activity, machine, preempt, job-shop, CP, resource, inventory, order, job, setup-time, make to order, precedence, constraint programming, sequence dependent setup, constraint satisfaction, scheduling | | disjunctive, bin-packing | C++ | Cplex, CHIP | | steel industry | | large neighborhood search | 271 | n/a |
| DejemeppeCS15 [239] | 16 | setup-time, constraint programming, resource, preempt, completion-time, tardiness, CP, make-span, task, precedence, preemptive, activity, job-shop, sequence dependent setup, scheduling, release-date, machine, job, order | single machine | disjunctive, cumulative, cycle | | | container terminal | | bitbucket, real-world, generated instance, benchmark | not-last, genetic algorithm, not-first, edge-finding, ant colony, Lagrangian relaxation | 143 | 947 |
| DejemeppeD14 [240] | 9 | bi-objective, precedence, job-shop, resource, Pareto, scheduling, make-span, activity, setup-time, job, CP, constraint optimization, multi-objective, COP, constraint programming, order | | cumulative | | | patient, medical | | bitbucket | large neighborhood search | 166 | 952 |
| DemirovicS18 [243] | 18 | scheduling, CP, order, resource, task, constraint programming, precedence, activity | | cumulative, disjunctive, Disjunctive constraint | | Gurobi, MiniZinc | high school timetabling, airport | | benchmark, real-world | time-tabling, large neighborhood search, meta heuristic, mat heuristic, simulated annealing, column generation | 90 | n/a |
| DerrienP14 [245] | 9 | resource, constraint programming, order, scheduling, make-span, constraint satisfaction, activity, CP | CuSP, psplib | cumulative | Java | Choco Solver | | | random instance | sweep, edge-finding, energetic reasoning | 167 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DerrienPZ14 [246] | 9 | job, activity, constraint programming, precedence, make-span, CP, re-scheduling, order, machine, scheduling, resource | RCPSP, CuSP | Cumulatives constraint, cumulative, Balance constraint | | Choco Solver, CHIP | | | benchmark, real-world, random instance | sweep, large neighborhood search | 168 | n/a |
| DilkinaDH05 [248] | 5 | stochastic, COP, precedence, make-span, CP, order, machine, job, scheduling, CSP, job-shop, constraint optimization | | | | OPL | | | | systematic local search, simulated annealing | 301 | n/a |
| DilkinaH04 [249] | 6 | resource, explanation, constraint programming, CSP, stochastic, constraint optimization, multi-agent, scheduling, constraint satisfaction | | circuit | Java | | sports scheduling, tournament, round-robin | | real-life | systematic local search, simulated annealing | 328 | n/a |
| DincbasS91 [251] | 13 | resource, re-scheduling, constraint programming, constraint logic programming, scheduling, task, online scheduling | | | | CHIP | airport, aircraft | | | | 434 | n/a |
| DoRZ08 [253] | 5 | order scheduling, distributed, resource, job, stochastic, scheduling, machine, order, make-span | | | | | robot | | real-world, industrial partner | | 258 | n/a |
| DoomsH08 [255] | 16 | stochastic, activity, CP, explanation, resource, order, scheduling, completion-time, machine, job, online scheduling, job-shop, task | RCPSP | | | | | service industry | | | 259 | n/a |
| DoulabiRP14 [259] | 9 | due-date, activity, scheduling, resource, task, constraint programming, order, CP | | Cardinality constraint, bin-packing, Element constraint | | Cplex | medical, patient, nurse, operating room, surgery | | | column generation | 169 | n/a |
| DraperJCJ99 [261] | 6 | cyclic scheduling, precedence, make-span, completion-time, CP, task, constraint satisfaction, re-scheduling, order, scheduling, resource, job-shop, job | | cycle | | Claire | hoist, robot, pipeline | | real-world | | 384 | n/a |
| EastonNT02 [262] | 13 | CP, constraint programming, order, scheduling | | | | OPL | travelling tournament problem, sports scheduling, tournament, round-robin | | benchmark | time-tabling, column generation | 356 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EdisO11 [264] | 7 | job, scheduling, constraint logic programming, CP, Logic-Based Benders Decomposition, constraint programming, tardiness, due-date, completion-time, lateness, earliness, Benders Decomposition, task, resource, make-span, flow-time, machine, activity, preempt | parallel machine | bin-packing, noOverlap, cumulative | | OPL, Cplex | | | | meta heuristic, genetic algorithm, Lagrangian relaxation | 212 | n/a |
| EfthymiouY23 [267] | 16 | make-span, explanation, job, re-scheduling, CP, setup-time, order, job-shop, CSP, task, constraint programming, scheduling, machine | JSSP, CHSP | cumulative, disjunctive, cycle | Python | OR-Tools, OPL | hoist, pipeline, electro-plating, satellite | | generated instance, random instance, industrial instance, benchmark, real-life | neural network, meta heuristic, deep learning, reinforcement learning, machine learning | 7 | 877 |
| ElhouraniDM07 [270] | 6 | constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity | | cycle | | OPL | | | | | 272 | n/a |
| ElkhyariGJ02 [272] | 6 | precedence, scheduling, machine, CLP, make-span, activity, explanation, constraint satisfaction, due-date, re-scheduling, CP, breakdown, preempt, resource, task, constraint programming | Resource-constrained Project Scheduling Problem, RCPSP | table constraint, cumulative, disjunctive | | | | | | | 357 | n/a |
| ElkhyariGJ02a [273] | 24 | order, online scheduling, open-shop, CSP, breakdown, due-date, task, precedence, explanation, CP, activity, re-scheduling, scheduling, CLP, constraint satisfaction, constraint programming, resource, constraint logic programming | Resource-constrained Project Scheduling Problem, RCPSP, psplib | cumulative, Disjunctive constraint, disjunctive, Arithmetic constraint | | OPL | high school timetabling | | benchmark, real-life | genetic algorithm, time-tabling | 358 | n/a |
| EreminW01 [276] | 15 | explanation, scheduling, CP, constraint programming, resource, transportation, Benders Decomposition, order, Logic-Based Benders Decomposition, task, constraint logic programming | | cumulative, cycle | | ECLiPSe, Cplex, CHIP | tournament, crew-scheduling, travelling tournament problem | | real-world, industrial partner, benchmark | Lagrangian relaxation, column generation | 367 | n/a |
| ErkingerM17 [277] | 8 | order, manpower, machine, CP, scheduling, CSP, constraint optimization, explanation, resource, task, constraint satisfaction, constraint programming | Resource-constrained Project Scheduling Problem | | | MiniZinc, Z3 | workforce scheduling, nurse | | real-life, benchmark | | 107 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ErtlK91 [278] | 12 | task, resource, order, machine, setup-time, constraint satisfaction, scheduling, constraint logic programming | | cycle | Prolog | | pipeline | | benchmark, real-world | | 435 | n/a |
| EskeyZ90 [280] | 8 | CSP, activity, explanation, machine, resource, re-scheduling, order, scheduling, constraint satisfaction, job, task, job-shop | | cumulative | C | | | | real-world | machine learning | 437 | n/a |
| EvenSH15 [283] | 18 | transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task | | Disjunctive constraint, cumulative, disjunctive | | OPL, Choco Solver | evacuation, emergency service | | real-life, real-world | column generation, sweep, mat heuristic, ant colony | 144 | n/a |
| FalqueALM24 [291] | 9 | CP, task, constraint satisfaction, order, periodic, scheduling, resource, CSP, transportation, constraint optimization, job, constraint programming, COP | | table constraint, alldifferent | Python, C , Java | Choco Solver, OPL, MiniZinc | airport, COVID, aircraft | | github, real-world, gitlab, supplementary material | column generation, large neighborhood search, lazy clause generation | 2 | 873 |
| FeldmanG89 [296] | 7 | scheduling, constraint satisfaction, CSP, order | | | | | | | | | 440 | n/a |
| FocacciLN00 [300] | 10 | Pareto, setup-time, CP, task, constraint satisfaction, constraint programming, precedence, sequence dependent setup, make-span, open-shop, order, CLP, machine, preempt, cmax, scheduling, resource, due-date, job-shop, distributed, job, activity | | Disjunctive constraint, disjunctive | | | | | real-world | edge-finding | 373 | n/a |
| FontaineMH16 [302] | 11 | constraint satisfaction, scheduling, machine, job, CP, Benders Decomposition, make-span, explanation, order, Logic-Based Benders Decomposition, job-shop, resource, task, constraint programming, completion-time, precedence, CLP | parallel machine | disjunctive | | MiniZinc, Gurobi, CHIP | | | benchmark | column generation, large neighborhood search, meta heuristic, machine learning | 124 | n/a |
| FortinZDF05 [304] | 15 | resource, task, activity, stochastic, precedence, temporal constraint reasoning, make-span, CP, order, scheduling | psplib | | | | | | | | 302 | n/a |
| FoxAS82 [305] | 4 | job, order, scheduling, distributed, precedence, job-shop, due-date, re-scheduling, tardiness, machine, task, resource | | | | | robot | | | | 445 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FoxS90 [306] | 14 | CLP, lateness, CSP, earliness, tardiness, activity, flow-time, precedence, re-scheduling, resource, job, setup-time, reactive scheduling, stochastic, scheduling, machine, job-shop, task, order, constraint satisfaction, unavailability, completion-time, make-span, flow-shop, due-date, COP | single machine | disjunctive, Disjunctive constraint | | CHIP | telescope, robot | | real-world | simulated annealing | 438 | n/a |
| FrankDT16 [307] | 9 | scheduling, task, explanation, re-scheduling, constraint programming, order, cyclic scheduling, CP, resource, job, setup-time | | disjunctive, geost, noOverlap | | Cplex | satellite, robot, offshore | | | | 125 | n/a |
| FrankK03 [308] | 10 | stochastic, order, scheduling | | | | | astronomy, airport, aircraft, telescope | | benchmark | | 345 | n/a |
| FrankK05 [309] | 18 | stochastic, periodic, CP, explanation, due-date, order, job, resource, precedence, scheduling, task | | cycle | | | astronomy, satellite, airport, aircraft, telescope | | benchmark | | 303 | n/a |
| FrimodigS19 [312] | 17 | order, machine, job, scheduling, resource, job-shop, stochastic, constraint programming, CP, Benders Decomposition, task, constraint satisfaction | | cumulative, bin-packing, regular expression, Regular constraint | Python | Cplex, MiniZinc, Gecode | medical, patient, physician, nurse, radiation therapy, surgery | | benchmark, real-world | large neighborhood search | 70 | 932 |
| FrohnerTR19 [314] | 9 | constraint optimization, constraint satisfaction, constraint programming, multi-objective, order, CP, scheduling, CSP, distributed | | | Java, Python | MiniZinc, Gecode, Gurobi | nurse | | benchmark, real-world | ant colony, meta heuristic | 71 | n/a |
| FrostD98 [315] | 1 | scheduling, constraint satisfaction, CSP, CP, order | | | | | maintenance scheduling | power industry | | | 390 | n/a |
| FukunagaHFAMN02 [316] | 8 | constraint satisfaction, machine, scheduling, periodic, activity, resource, task, distributed, order | | | | OPL | robot, meeting scheduling | | real-world | simulated annealing | 359 | n/a |
| GalleguillosKSB19 [317] | 18 | resource, order, job, constraint programming, re-scheduling, machine, distributed, activity, make-span, stochastic, scheduling, CP | Resource-constrained Project Scheduling Problem, JSSP | alternative constraint, cumulative | Python | OR-Tools | datacenter, supercomputer, high performance computing | | | large neighborhood search, neural network, machine learning | 72 | 933 |
| GarganiR07 [319] | 13 | machine, resource, CP, inventory, order, constraint programming, CSP | | Element constraint, bin-packing, Channeling constraint | C++ | OPL | steel mill | steel industry | real-life, CSPlib | large neighborhood search, column generation | 273 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GayHLS15 [322] | 9 | CP, resource, precedence, order, make-span, scheduling, constraint programming, constraint satisfaction, task, CSP, activity | OSP, psplib, RCPSP | cumulative, disjunctive | | | | | bitbucket, benchmark | edge-finding, time-tabling | 145 | 948 |
| GayHS15 [323] | 9 | task, preemptive, resource, order, scheduling, CP, precedence, constraint programming, preempt | | cumulative, table constraint, Cumulatives constraint, disjunctive | | Choco Solver, OR-Tools, Gecode | | | bitbucket | time-tabling, sweep | 146 | 949 |
| GayHS15a [324] | 16 | preemptive, order, machine, scheduling, constraint programming, task, manpower, CP, preempt, resource | psplib, RCPSP | cumulative, disjunctive, Cumulatives constraint | Java | | | | real-world, benchmark, bitbucket | not-first, not-last, edge-finding, time-tabling, energetic reasoning, sweep | 147 | 950 |
| GaySS14 [325] | 15 | machine, activity, setup-time, continuous-process, resource, job, order, scheduling, CP, precedence, manpower, job-shop, constraint programming, completion-time, make-span, CSP | Partial Order Schedule | cycle, disjunctive, cumulative | | | steel mill | | real-life, CSPlib | Lagrangian relaxation, meta heuristic, ant colony, large neighborhood search, sweep | 171 | n/a |
| GeibingerKKMMW21 [328 | 10 | CP, scheduling, distributed, constraint programming | | Cardinality constraint | | MiniZinc, OR-Tools, Gurobi, Cplex, Gecode | medical, patient, nurse, physician, COVID | pharmaceutica industry | real-world | | 44 | 910 |
| GeibingerMM19 [330] | 16 | precedence, CP, activity, re-scheduling, scheduling, constraint programming, release-date, resource, job, order, completion-time, due-date, multi-objective, make-span, task | RCPSP, Resource-constrained Project Scheduling Problem | Pulse constraint, alternative constraint, cumulative, endBeforeStart, noOverlap | Java | Cplex, CPO, Gecode, MiniZinc | automotive | | real-world, generated instance, benchmark, real-life, industrial partner | time-tabling | 73 | n/a |
| GeibingerMM21 [331] | 9 | precedence, CP, activity, scheduling, machine, CLP, constraint programming, release-date, resource, constraint logic programming, job, order, completion-time, tardiness, due-date, task | RCPSP, Resource-constrained Project Scheduling Problem | disjunctive, cumulative | | Chuffed, Cplex, CPO | nurse, train schedule, operating room | | real-world, generated instance, github, benchmark, real-life | simulated annealing, large neighborhood search, lazy clause generation, time-tabling, machine learning | 45 | 911 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GeitzGSSW22 [332] | 18 | constraint satisfaction, sequence dependent setup, job, scheduling, resource, job-shop, transportation, setup-time, task, constraint programming, lateness, COP, precedence, batch process, make-span, preemptive, order, CLP, completion-time, machine, preempt, CP, producer/consumer | single machine, JSSP, RCPSP | cumulative | | OPL | robot | | real-world, real-life, github | meta heuristic, machine learning, sweep, simulated annealing, not-last, lazy clause generation | 23 | 893 |
| GelainPRVW17 [333] | 16 | order, CP, resource, CSP, constraint optimization, constraint programming, CLP, constraint satisfaction, scheduling | | | | | meeting scheduling | | CSPlib, real-life, benchmark | | 108 | n/a |
| Geske05 [336] | 18 | re-scheduling, task, resource, CSP, lateness, machine, activity, distributed, constraint satisfaction, job, order, scheduling, CP, CLP, job-shop, constraint programming | | cumulative | Prolog | SICStus, CHIP | train schedule, railway | railway industry | real-life | genetic algorithm | 304 | n/a |
| GetoorOFC97 [337] | 6 | order, machine, scheduling, resource, CSP, job-shop, constraint optimization, online scheduling, job, activity, constraint programming, precedence, flow-shop, make-span, constraint logic programming, task, constraint satisfaction | | span constraint | Prolog | SICStus | robot | | benchmark | | 401 | n/a |
| GilesH16 [340] | 16 | transportation, constraint programming, constraint satisfaction, task, setup-time, activity, CP, constraint optimization, resource, inventory, order, scheduling | | disjunctive, cumulative | | Cplex | pipeline | chemical industry, processing industry, petro-chemical industry, chemical processing industry | | | 126 | n/a |
| GingrasQ16 [341] | 7 | scheduling, task, make-span, resource, constraint programming, completion-time, precedence, CP, order | psplib, RCPSP, CuSP | disjunctive, cumulative | | Choco Solver | | | benchmark | sweep, edge-finder, edge-finding, energetic reasoning | 127 | n/a |
| GlobusCLP04 [342] | 8 | job, resource, job-shop, task, stochastic, flow-shop, order, CP, scheduling | | cycle | | | earth observation, telescope, satellite, deep space, tournament, robot | | real-world | genetic algorithm, sweep, simulated annealing | 329 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GodardLN05 [343] | 9 | order, tardiness, scheduling, machine, make-span, constraint satisfaction, job-shop, activity, completion-time, earliness, CP, resource, job, constraint programming, precedence | Resource-constrained Project Scheduling Problem, JSSP | cumulative, disjunctive, table constraint | | Ilog Solver, Ilog Scheduler | | | benchmark | large neighborhood search | 305 | n/a |
| GodetLHS20 [345] | 8 | job, release-date, scheduling, task, machine, make-span, resource, constraint programming, completion-time, CP, setup-time, order, cmax | single machine, PMSP, parallel machine | alldifferent, bin-packing, Disjunctive constraint, cumulative, disjunctive | | Chuffed, CHIP, Choco Solver | satellite | | real-life, benchmark, generated instance, github | not-last, lazy clause generation, timetabling, large neighborhood search | 54 | 919 |
| GokGSTO20 [347] | 17 | multi-agent, CP, stochastic, constraint programming, order, activity, distributed, task, job-shop, resource, bi-objective, job, setup-time, scheduling, precedence, tardiness | Resource-constrained Project Scheduling Problem, RCPSP | cumulative, circuit, disjunctive | Python | Gecode, Z3, Gurobi, MiniZinc | aircraft, airport | | Roadef, real-world | large neighborhood search, GRASP, genetic algorithm, mat heuristic | 55 | n/a |
| GoldwaserS17 [350] | 16 | constraint programming, order, Logic-Based Benders Decomposition, resource, scheduling, machine, transportation, due-date, CP, Benders Decomposition, constraint optimization | | cumulative, disjunctive | Python | Gurobi, Gecode | torpedo | steel industry | github, instance generator, generated instance | column generation, lazy clause generation, simulated annealing | 109 | 940 |
| Goltz95 [352] | 14 | task, resource, machine, job, order, scheduling, constraint logic programming, precedence, CLP, job-shop, due-date, completion-time | | cumulative, disjunctive | Prolog | CHIP | | | benchmark | edge-finding | 417 | n/a |
| GomesHS06 [354] | 2 | multi-agent, CP, constraint programming, order, scheduling, distributed, task | | | | Ilog Solver | | | real-life | | 286 | n/a |
| GrimesH10 [358] | 15 | constraint logic programming, job, flow-shop, setup-time, no-wait, scheduling, precedence, make-span, sequence dependent setup, CSP, batch process, cmax, CP, machine, constraint programming, job-shop, open-shop, CLP, order, constraint satisfaction, task, resource | Open Shop Scheduling Problem | disjunctive, cumulative, cycle, Disjunctive constraint | | | | steel industry | benchmark | genetic algorithm, meta heuristic, simulated annealing, timetabling, edge-finding | 231 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GrimesH11 [359] | 17 | job, flow-shop, no-wait, scheduling, precedence, make-span, tardiness, earliness, CSP, due-date, cmax, CP, machine, constraint programming, job-shop, open-shop, order, completion-time, constraint satisfaction, release-date, task, resource | RCPSP | disjunctive, cumulative, Disjunctive constraint | | Cplex, Ilog Solver, OPL, Ilog Scheduler | | | benchmark | genetic algorithm, meta heuristic, lazy clause generation, large neighborhood search, memetic algorithm, edge-finding | 213 | n/a |
| GrimesHM09 [361] | 9 | make-span, constraint satisfaction, resource, job-shop, CP, open-shop, order, job, constraint programming, CSP, precedence, scheduling, task, machine | OSP, Open Shop Scheduling Problem | disjunctive, Balance constraint, Disjunctive constraint | Java | Mistral, Ilog Scheduler, Choco Solver | | | benchmark | edge-finding, not-last, meta heuristic, particle swarm | 242 | n/a |
| GroleazNS20 [365] | 17 | job, scheduling, explanation, resource, due-date, CSP, job-shop, setup-time, inventory, constraint programming, precedence, release-date, preemptive, machine, preempt, CP, tardiness, order | Resource-constrained Project Scheduling Problem, GCSP | noOverlap, circuit, cycle, cumulative | | CPO, OR-Tools | | food industry | industrial instance, benchmark | mat heuristic, ant colony, large neighborhood search, meta heuristic | 56 | 920 |
| GroleazNS20a [364] | 9 | multi-objective, order, release-date, precedence, resource, preemptive, scheduling, machine, transportation, tardiness, setup-time, preempt, inventory, due-date, distributed, job, CP | Resource-constrained Project Scheduling Problem, RCPSP, parallel machine | cumulative, cycle, noOverlap | | Cplex, CPO | | food industry | industrial partner, benchmark | swarm intelligence, machine learning, ant colony, genetic algorithm, meta heuristic, GRASP | 57 | 921 |
| GruianK98 [367] | 8 | CSP, CP, re-scheduling, CLP, order, activity, task, resource, constraint logic programming, scheduling | | cumulative, cycle, diffn, circuit | | OPL, CHIP | pipeline, aircraft | | benchmark | genetic algorithm, meta heuristic | 391 | n/a |
| GuSS13 [368] | 7 | CP, activity, precedence, resource, scheduling, net present value, machine, constraint programming, order, make-span, distributed, explanation, single-machine scheduling | Resource-constrained Project Scheduling Problem, single machine | cumulative | | | | | benchmark | Lagrangian relaxation, edge-finding, lazy clause generation, timetabling, meta heuristic, edge-finder, genetic algorithm | 181 | 955 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GuSW12 [370] | 15 | CP, activity, precedence, resource, job, scheduling, net present value, cmax, order, make-span, preempt, preemptive | Resource-constrained Project Scheduling Problem | cumulative | C++ | | | | benchmark | Lagrangian relaxation, lazy clause generation, ant colony | 196 | n/a |
| HamdiL13 [385] | 7 | due-date, order, tardiness, scheduling, Benders Decomposition, completion-time, flow-shop, job, task, constraint programming, CP, Logic-Based Benders Decomposition, preempt, make-span, single-machine scheduling, machine, resource, release-date | single machine, parallel machine | cumulative, circuit, disjunctive, noOverlap | | OPL | | | real-life | | 182 | n/a |
| Hamscher91 [386] | 6 | machine, order, CP, inventory | TMS | | Lisp | | | | | | 436 | n/a |
| HanenKP21 [387] | 17 | due-date, machine, precedence, tardiness, preemptive, completion-time, cmax, CP, lateness, constraint programming, job-shop, resource, order, preempt, release-date, scheduling, make-span, task, job | RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem | cumulative | Python | Claire | pipeline | | Roadef, generated instance, random instance | energetic reasoning | 46 | 912 |
| He0GLW18 [395] | 18 | CP, distributed, precedence, re-scheduling, order, scheduling, multi-objective, machine, transportation, multi-agent | | | Python | Gurobi | energy-price, real-time pricing | | real-world, bitbucket | quadratic programming | 91 | 938 |
| HebrardALLCMR22 [396] | 7 | order, scheduling, activity, CP | | cumulative | Julia | Claire | round-robin, deep space | | | sweep | 24 | n/a |
| HebrardTW05 [398] | 1 | scheduling, job-shop, job, constraint programming, CP, constraint satisfaction, order, machine | | | | | | | | | 306 | n/a |
| HechingH16 [400] | 11 | COP, scheduling, manpower, constraint satisfaction, Logic-Based Benders Decomposition, CP, order, re-scheduling, job, constraint programming, Benders Decomposition, stochastic, task | | circuit, noOverlap | | OPL, Cplex | patient, medical | | real-world | mat heuristic | 128 | n/a |
| HeinzB12 [402] | 17 | Benders Decomposition, Logic-Based Benders Decomposition, constraint satisfaction, activity, CP, explanation, single-machine scheduling, earliness, resource, COP, precedence, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, constraint programming | single machine | Channeling constraint, cycle, cumulative, alternative constraint, IloAlternative | | OPL, Ilog Scheduler, SCIP, Ilog Solver, Cplex | | | | GRASP | 197 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HeinzKB13 [403] | 16 | CP, machine, explanation, constraint programming, Benders Decomposition, order, release-date, Logic-Based Benders Decomposition, job-shop, resource, job, scheduling, tardiness | single machine | cumulative, Channeling constraint | | SCIP, Cplex, OPL | | | | meta heuristic | 183 | n/a |
| HeinzS11 [405] | 10 | preempt, CP, explanation, resource, order, scheduling, completion-time, machine, job | psplib, Resource-constrained Project Scheduling Problem, RCPSP | cumulative, disjunctive | | SCIP, Cplex | | | benchmark | time-tabling, energetic reasoning | 214 | n/a |
| HentenryckM04 [411] | 16 | resource, job, completion-time, tardiness, open-shop, due-date, make-span, task, precedence, CP, activity, scheduling, machine, order, constraint satisfaction, job-shop, constraint programming | | cumulative, disjunctive, cycle | | | | | benchmark | meta heuristic | 330 | n/a |
| HentenryckM08 [412] | 5 | CSP, CP, order, constraint programming | | bin-packing | | | steel mill | | CSPlib | large neighborhood search | 260 | n/a |
| HermenierDL11 [415] | 15 | task, precedence, producer/consumer, machine, order, constraint programming, distributed, resource, periodic, completion-time, explanation, CP, no-wait, scheduling | | bin-packing, disjunctive, cumulative, cycle, table constraint, alldifferent | | Choco Solver | datacenter | | | meta heuristic | 215 | n/a |
| HillTV21 [418] | 19 | CSP, activity, CP, single-machine scheduling, bi-objective, preempt, net present value, preemptive, order, make-span, machine, job, resource, release-date, precedence, scheduling, constraint programming, flow-shop, task | psplib, Resource-constrained Project Scheduling Problem, RCPSP, single machine | cycle, cumulative, alternative constraint | | | | | real-world | genetic algorithm, machine learning, lazy clause generation | 47 | 913 |
| HoYCLLCLC18 [420] | 6 | task, stochastic, constraint programming, order, machine, re-scheduling, sustainability, distributed, job, scheduling, resource | | | C | | medical, patient, nurse | | real-world | | 92 | n/a |
| HoeveGSL07 [859] | 6 | multi-agent, scheduling, distributed, job-shop, CP, resource, re-scheduling, job, constraint programming, precedence, task, machine, order | | disjunctive | | Cplex, Ilog Scheduler | | | benchmark | edge-finding | 274 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker04 [423] | 12 | constraint satisfaction, machine, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, distributed, resource, precedence, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 331 | n/a |
| Hooker05a [425] | 14 | CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness | | circuit, cumulative, disjunctive | | Ilog Scheduler, OPL, Cplex | | | | MINLP | 307 | n/a |
| Hooker05b [426] | 15 | CP, constraint programming, Benders Decomposition, order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming | | circuit | | | | | | meta heuristic, simulated annealing, GRASP | 308 | n/a |
| Hooker17 [431] | 14 | job, constraint programming, CP, resource, due-date, order, tardiness, scheduling | | circuit | | | | | benchmark, random instance | | 110 | n/a |
| HookerY02 [437] | 5 | CLP, CP, machine, constraint programming, resource, Benders Decomposition, order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, constraint logic programming, job | RCPSP | cumulative, disjunctive | | | | | | | 360 | n/a |
| HoundjiSWD14 [439] | 16 | CP, constraint programming, order, precedence, resource, scheduling, machine, transportation, inventory, due-date | single machine | circuit, Cardinality constraint, Element constraint, GCC constraint | | | | | bitbucket, generated instance | | 172 | 953 |
| Hunsberger08 [441] | 5 | distributed, CP, order, task, scheduling, multi-agent | | cycle | Lisp | | | | real-world | | 261 | n/a |
| IfrimOS12 [443] | 16 | order, periodic, scheduling, task, job, due-date, CP, machine, re-scheduling, stochastic, distributed, sustainability, resource | | disjunctive | | | energy-price, datacenter | | real-life | machine learning, genetic algorithm, neural network | 198 | n/a |
| IklassovMR023 [444] | 9 | make-span, task, completion-time, preemptive, CP, scheduling, machine, precedence, transportation, multi-agent, job-shop, flow-time, resource, job, order, tardiness, constraint programming, stochastic, distributed, preempt | | disjunctive, cumulative, cycle | | OR-Tools | robot | | real-world, benchmark, github | neural network, reinforcement learning, deep learning, machine learning | 8 | 878 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JelinekB16 [450] | 10 | order, constraint logic programming, scheduling, task, constraint satisfaction, completion-time | | cumulative, table constraint | Prolog | OPL, SICStus | | | real-life | | 129 | n/a |
| JoLLH99 [451] | 6 | CSP, breakdown, task, resource, order, reactive scheduling, machine, activity, job-shop, explanation, re-scheduling, constraint satisfaction, job, scheduling, constraint logic programming | | cycle | Prolog | Ilog Solver, CHIP | airport, aircraft | | | | 385 | n/a |
| Johnston05 [212] | 7 | order, re-scheduling, scheduling, Pareto, task, machine, resource, periodic, activity, CP, stochastic | | | C++ | OPL | astronomy, deep space, satellite, telescope | | | Lagrangian relaxation | 309 | n/a |
| JungblutK22 [453] | 4 | constraint programming, make-span, preempt, CP, order, distributed, machine, scheduling, resource, task | | circuit | | MiniZinc | | | benchmark, real-world, github | | 25 | 894 |
| Junker00 [454] | 6 | job-shop, CSP, activity, CP, make-span, resource, precedence, due-date, order, scheduling, constraint satisfaction, job, task, release-date | TMS | | | Ilog Scheduler | | | | edge-finder | 374 | n/a |
| JuvinHHL23 [456] | 16 | job, CSP, scheduling, task, machine, make-span, cmax, preempt, constraint satisfaction, resource, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, flow-shop, constraint programming, completion-time, precedence, CP, Benders Decomposition, setup-time, order | JSSP, parallel machine | disjunctive, Disjunctive constraint, PreemptiveNoOverlap, noOverlap, endBeforeStart, AllDiffPrec constraint, alldifferent, cumulative | C++ | CPO, Mistral | | | github, benchmark, supplementary material | edge-finding, genetic algorithm, not-last, not-first | 9 | 879 |
| JuvinHL23 [458] | 16 | precedence, tardiness, completion-time, cmax, CP, machine, stochastic, constraint programming, job-shop, order, setup-time, breakdown, scheduling, make-span, task, job, flow-shop | | endBeforeStart, noOverlap | | Cplex, CPO | | | real-world | | 10 | 880 |
| KamarainenS02 [460] | 17 | preemptive, CP, earliness, activity, CSP, scheduling, machine, precedence, transportation, job-shop, resource, constraint logic programming, job, order, constraint satisfaction, constraint programming, preempt | KRFP | | | ECLiPSe | | | real-world, benchmark | genetic algorithm, simulated annealing, meta heuristic | 361 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KameugneFGOQ18 [463] | 17 | CP, completion-time, resource, task, CSP, cmax, constraint satisfaction, precedence, make-span, constraint programming, scheduling, order | RCPSP, CuSP, Resource-constrained Project Scheduling Problem | cumulative, Disjunctive constraint, disjunctive | Java | CHIP, Choco Solver | | | real-world, benchmark | energetic reasoning, time-tabling, sweep, not-last, not-first | 93 | n/a |
| KameugneFND23 [464] | 17 | constraint programming, cmax, preempt, make-span, task, completion-time, explanation, CP, scheduling, CLP, precedence, machine, resource, order | Resource-constrained Project Scheduling Problem, RCPSP, psplib, CuSP | Disjunctive constraint, Cumulatives constraint, disjunctive, cumulative | Java | Choco Solver, CHIP | | | benchmark | sweep, energetic reasoning, not-last, edge-finding, lazy clause generation, not-first, edge-finder, time-tabling | 11 | 881 |
| KameugneFSN11 [466] | 15 | completion-time, preemptive, explanation, CP, scheduling, CLP, precedence, job-shop, release-date, resource, job, order, constraint satisfaction, preempt, make-span, task | RCPSP, psplib, CuSP | disjunctive, cumulative | | Gecode | | | benchmark | edge-finding, not-first, time-tabling, not-last | 216 | n/a |
| KelarevaTK13 [469] | 17 | re-scheduling, CP, Benders Decomposition, multi-objective, setup-time, order, resource, net present value, task, constraint programming, precedence, scheduling, transportation, tardiness, make-span, activity, explanation, inventory | Resource-constrained Project Scheduling Problem, Liner Shipping Fleet Repositioning Problem, LSFRP, BPCTOP, Bulk Port Cargo Throughput Optimisation Problem | alldifferent | | Cplex, SCIP, MiniZinc | earth observation, satellite, shipping line | | real-world | lazy clause generation | 184 | 956 |
| KengY89 [472] | 6 | job, order, scheduling, job-shop, due-date, CSP, machine, task, resource | | cycle | | | | | | | 441 | n/a |
| KeriK07 [473] | 14 | activity, resource, job, order, scheduling, CP, precedence, cmax, job-shop, due-date, earliness, tardiness, temporal constraint reasoning, make-span | Resource-constrained Project Scheduling Problem, RCPSP | cycle | C++ | | | | | edge-finding | 275 | n/a |
| KhemmoudjPB06 [475] | 13 | constraint programming, resource, order, CSP, distributed, unavailability, stock level, CP, scheduling | | cycle, cumulative | C++ | CHIP | | | real-world | meta heuristic | 287 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KimCMLLP23 [476] | 16 | tardiness, earliness, scheduling, machine, make-span, distributed, job-shop, due-date, CP, open-shop, transportation, job, constraint programming, precedence, setup-time, order | parallel machine, SCC | noOverlap | Python | Gurobi, OR-Tools | | steel industry | real-world, zenodo, benchmark | mat heuristic, meta heuristic, genetic algorithm, Lagrangian relaxation, large neighborhood search | 12 | 882 |
| KinsellaS0OS16 [477] | 6 | inventory, scheduling, order, constraint programming, CP, re-scheduling, periodic, task | | cycle | | SCIP | energy-price, pipeline | | real-life, real-world | | 130 | n/a |
| KlankeBYE21 [479] | 16 | make-span, order, completion-time, machine, CP, producer/consumer, re-scheduling, due-date, job, activity, scheduling, resource, job-shop, constraint logic programming, task, constraint programming, batch process | | circuit, cumulative, noOverlap, disjunctive | Python | OR-Tools, Cplex, CHIP, Gurobi | | processing industry, food-processing industry | real-life, random instance, benchmark | | 48 | 914 |
| KletzanderM17 [480] | 15 | CP, scheduling, transportation, machine, resource, order | parallel machine | | | | torpedo | steel industry | | genetic algorithm, neural network, simulated annealing, meta heuristic | 111 | n/a |
| KletzanderM20 [481] | 10 | CP, bi-objective, scheduling, transportation, resource, order, multi-objective | | | | | crew-scheduling | | real-world, generated instance, benchmark, instance generator, real-life | genetic algorithm, GRASP, time-tabling, simulated annealing, column generation, meta heuristic | 58 | n/a |
| KletzanderMH21 [482] | 9 | Pareto, CSP, multi-objective, transportation, scheduling, order, bi-objective, CP, resource | | | Java | Cplex | crew-scheduling | | real-life, real-world, benchmark | GRASP, simulated annealing, meta heuristic, time-tabling, column generation, genetic algorithm | 49 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KorbaaYG99 [487] | 8 | constraint logic programming, scheduling, make-span, constraint satisfaction, periodic, job-shop, flow-shop, cyclic scheduling, resource, transportation, job, constraint programming, CSP, task, machine, order | | cycle, circuit | Prolog | Ilog Solver, OZ, CHIP | robot, hoist | | | | 386 | n/a |
| KoschB14 [489] | 16 | job-shop, CP, Logic-Based Benders Decomposition, explanation, batch process, due-date, order, make-span, machine, job, distributed, resource, lateness, release-date, multi-agent, cmax, scheduling, constraint programming, Benders Decomposition, completion-time | RCPSP, single machine | cumulative, disjunctive, bin-packing | Java | Choco Solver, Cplex | semiconductor | | benchmark | meta heuristic, column generation | 173 | n/a |
| KotaryFH22 [490] | 8 | job-shop, constraint programming, precedence, CP, stochastic, order, job, scheduling, task, machine, make-span, constraint satisfaction, resource | | Disjunctive constraint, disjunctive, cycle | | Z3 | pipeline | | github, benchmark | deep learning, neural network, machine learning, Lagrangian relaxation | 26 | 895 |
| KovacsB07 [491] | 15 | order, activity, preempt, release-date, single-machine scheduling, scheduling, make-span, job, preemptive, due-date, flow-shop, machine, tardiness, constraint programming, earliness, completion-time, CP, job-shop, resource | single machine, parallel machine | cumulative, Completion constraint | C++ | Ilog Solver | | | benchmark | column generation | 276 | n/a |
| KovacsEKV05 [494] | 1 | setup-time, CP, precedence, scheduling, resource, job-shop, job, constraint programming | Resource-constrained Project Scheduling Problem | | | | | | real-life | | 310 | n/a |
| KovacsTKSG21 [498] | 17 | precedence, job-shop, tardiness, planned maintenance, due-date, scheduling, flow-shop, machine, job, re-scheduling, unavailability, breakdown, preempt, order, inventory, distributed, CP, resource, constraint optimization, task, constraint programming, preemptive, release-date | RCPSP, single machine | cumulative | | OR-Tools, Cplex, Gurobi | | | github, real-world, supplementary material, benchmark | neural network, meta heuristic, reinforcement learning, machine learning | 50 | 915 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KovacsV04 [496] | 15 | constraint satisfaction, scheduling, make-span, task, job, machine, precedence, constraint programming, CSP, CP, job-shop, resource, order | single machine, Resource-constrained Project Scheduling Problem | disjunctive, cumulative | | Ilog Scheduler | | | industrial partner, benchmark, real-life | edge-finding | 332 | n/a |
| KovacsV06 [497] | 13 | setup-time, scheduling, make-span, task, job, machine, precedence, tardiness, constraint programming, earliness, CP, job-shop, resource, order | single machine, RCPSP | cumulative | | Ilog Scheduler | automotive | energy industry | generated instance, industrial partner, benchmark | | 288 | n/a |
| KreterSS15 [499] | 17 | order, scheduling, task, unavailability, machine, make-span, periodic, preempt, resource, preemptive, activity, explanation, completion-time, CP | Resource-constrained Project Scheduling Problem, RCPSP, parallel machine | cumulative, Calendar constraint, diffn, Element constraint | | MiniZinc, Chuffed, Cplex, CHIP | | | benchmark | lazy clause generation | 148 | n/a |
| KrogtLPHJ07 [858] | 13 | resource, due-date, job-shop, inventory, job, activity, constraint programming, CP, constraint logic programming, precedence, order, machine, scheduling | | circuit | Prolog | OPL | semiconductor aircraft | semiconductor industry | real-world | | 277 | n/a |
| KucukY19 [507] | 5 | multi-objective, constraint programming, task, stochastic, setup-time, CP, distributed, resource, sequence dependent setup, order, scheduling | | disjunctive, noOverlap, cycle | | Cplex | earth observation, satellite | | benchmark, generated instance | ant colony, time-tabling, genetic algorithm, column generation, simulated annealing, large neighborhood search, meta heuristic | 74 | n/a |
| Kumar03 [505] | 15 | order, scheduling, CP, producer/consumer, activity, resource | | cycle | | | | | | max-flow, bi-partite matching | 346 | n/a |
| KusterJF07 [506] | 6 | re-scheduling, reactive scheduling, job, constraint programming, scheduling, make-span, tardiness, earliness, resource, job-shop, due-date, activity, explanation, precedence, CP, open-shop, order | RCPSP, Resource-constrained Project Scheduling Problem | | | | airport, aircraft | | benchmark, generated instance | genetic algorithm | 278 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laborie05 [509] | 6 | job, explanation, precedence, cmax, CP, machine, re-scheduling, constraint programming, job-shop, resource, open-shop, order, activity, constraint satisfaction, scheduling, make-span | RCPSP, Resource-constrained Project Scheduling Problem, psplib | cumulative, disjunctive, Balance constraint | | | | | Roadef, benchmark | edge-finding, time-tabling, ant colony, meta heuristic | 311 | n/a |
| Laborie09 [510] | 15 | task, job, sequence dependent setup, due-date, preempt, precedence, tardiness, earliness, preemptive, CP, machine, inventory, constraint programming, job-shop, resource, order, activity, setup-time, breakdown, release-date, scheduling | | noOverlap, cumulative, disjunctive, endBeforeStart, alternative constraint | C | CPO, OPL | satellite, aircraft | | benchmark, real-world | genetic algorithm, large neighborhood search | 243 | n/a |
| Laborie18a [511] | 9 | job, constraint programming, release-date, scheduling, task, machine, COP, resource, Logic-Based Benders Decomposition, due-date, precedence, CP, Benders Decomposition | | cumulative, alternative constraint | | Ilog Scheduler, OPL, CPO | | | real-life, benchmark, real-world | large neighborhood search, energetic reasoning | 94 | n/a |
| LacknerMMWW21 [514] | 18 | flow-shop, CP, scheduling, machine, lateness, batch process, constraint programming, release-date, job, order, tardiness, earliness, setup-time, due-date, make-span, task | single machine, parallel machine, OSP | cumulative, endBeforeStart, noOverlap, Element constraint | | Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools | semiconductor oven scheduling | manufacturing industry, electronics industry, steel industry | random instance, supplementary material, benchmark, instance generator, real-life, industrial partner | ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm | 51 | 916 |
| LahimerLH11 [516] | 14 | completion-time, machine, preempt, CP, cmax, job, scheduling, explanation, resource, task, constraint programming, precedence, make-span, preemptive, order | parallel machine, Resource-constrained Project Scheduling Problem, RCPSP | Disjunctive constraint, disjunctive | C++ | Ilog Scheduler | | | benchmark | energetic reasoning, ant colony, genetic algorithm, memetic algorithm | 217 | n/a |
| LarsonJC14 [519] | 15 | order, constraint logic programming, scheduling, machine, CP, constraint programming, CSP | | AllDiff constraint, cumulative, Cardinality constraint, Regular constraint, regular expression, alldifferent | | MiniZinc, Gecode | sports scheduling, tournament, round-robin, travelling tournament problem | | benchmark, random instance | time-tabling | 174 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LauLN08 [520] | 5 | job, order, scheduling, CP, job-shop, resource, transportation, machine, distributed, inventory, flow-shop | | | | | | | real-world, benchmark | Lagrangian relaxation | 262 | n/a |
| LeeKLKKYHP97 [523] | 6 | make-span, activity, due-date, job, CP, breakdown, manpower, order, resource, task, precedence, scheduling | | cycle | C++ | OPL | robot | | real-world | | 402 | n/a |
| LetortBC12 [526] | 16 | constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource | psplib | cumulative, geost, Cumulatives constraint, bin-packing | Java, Prolog | Choco Solver, CHIP, SICStus | datacenter | | benchmark, random instance, Roadef | meta heuristic, sweep, edge-finding | 199 | n/a |
| LetortCB13 [527] | 16 | constraint programming, precedence, CP, order, scheduling, task, machine, make-span, resource | psplib, RCPSP | Disjunctive constraint, cumulative, disjunctive, bin-packing | Java, Prolog | Choco Solver, SICStus | | | benchmark, random instance, Roadef | energetic reasoning, meta heuristic, sweep, edge-finding | 185 | 957 |
| LiFJZLL22 [531] | 6 | tardiness, task, flow-time, batch process, flow-shop, machine, stochastic, constraint programming, order, completion-time, multi-objective, buffer-capacity, CP, blocking constraint, distributed, job-shop, transportation, job, setup-time, no-wait, scheduling, make-span | single machine | Blocking constraint | | OPL | robot | | benchmark | machine learning, genetic algorithm, memetic algorithm, meta heuristic | 27 | 896 |
| LiLZDZW24 [530] | 9 | CP, machine, distributed, constraint programming, transportation, order, scheduling, make-span, task, job, flow-shop | | | Python | | | | benchmark, github, real-life | neural network, reinforcement learning, NEH, meta heuristic, machine learning, deep learning | 3 | 874 |
| LimAHO02a [533] | 2 | scheduling, task, re-scheduling, stochastic, CSP, order, constraint satisfaction | | | | | | | real-life | genetic algorithm, time-tabling | 362 | n/a |
| LimBTBB15 [537] | 15 | scheduling, tardiness, earliness, multi-agent, machine, re-scheduling, stochastic, constraint programming, order, CP, job-shop, job | | | | OPL | meeting scheduling, HVAC | | benchmark | meta heuristic, time-tabling, large neighborhood search, MINLP | 149 | n/a |
| LimBTBB15a [536] | 8 | online scheduling, distributed, energy efficiency, constraint programming, CP, stochastic, order, multi-objective, re-scheduling, multi-agent, scheduling | | | | OPL, Z3, Gurobi | meeting scheduling, HVAC | | | meta heuristic, MINLP, time-tabling | 150 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LimHTB16 [535] | 18 | machine, online scheduling, multi-agent, constraint programming, constraint satisfaction, stochastic, activity, CP, distributed, re-scheduling, order, scheduling | | cumulative | | OPL | HVAC, meeting scheduling, energy-price, real-time pricing | | real-world | large neighborhood search, meta heuristic | 131 | n/a |
| LimRX04 [534] | 5 | scheduling, CP, constraint programming, preempt, completion-time, transportation, preemptive, stochastic, machine, job, order | | | | | container terminal | | generated instance | simulated annealing | 333 | n/a |
| Limtanyakul07 [538] | 6 | make-span, task, CP, scheduling, due-date, precedence, release-date, machine, resource, job, order, constraint programming | | cumulative | | OPL | robot | automobile industry | real-life | energetic reasoning | 279 | n/a |
| LipovetzkyBPS14 [540] | 9 | precedence, CP, transportation, make-span, scheduling, resource, Benders Decomposition, task, breakdown, constraint programming, order | | disjunctive | | Cplex | crew-scheduling | | real-world, industrial partner, industry partner, benchmark, generated instance, real-life | | 175 | n/a |
| LiuCGM17 [546] | 17 | order, scheduling, machine, task, transportation, cmax, constraint programming, constraint satisfaction, constraint optimization, CSP, activity, CP, explanation, COP | | Element constraint | Python | OR-Tools, OPL, MiniZinc | | tourism industry | github | simulated annealing, column generation | 112 | 941 |
| LiuJ06 [547] | 5 | task, order, make-span, resource, multi-objective, scheduling | | disjunctive, Disjunctive constraint, cycle | | | | | | | 289 | n/a |
| LiuLH18 [541] | 16 | CSP, task, activity, constraint satisfaction, order, constraint optimization, scheduling, CP, constraint programming | OSP | Element constraint, table constraint | | Choco Solver | round-robin, tournament, travelling tournament problem, sports scheduling | | CSPlib, real-world | time-tabling | 95 | n/a |
| LiuLH19 [543] | 9 | CSP, resource, constraint satisfaction, order, constraint optimization, scheduling, CP, constraint programming | | Channeling constraint | | Choco Solver | tournament | | benchmark, CSPlib | time-tabling, meta heuristic | 75 | n/a |
| LiuLH19a [542] | 11 | CSP, CP, distributed, precedence, order, scheduling, task, constraint programming, constraint satisfaction | | Reified constraint, alldifferent, table constraint, Arithmetic constraint | | Choco Solver | steel mill, tournament, sports scheduling | | CSPlib, benchmark | meta heuristic | 76 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiBM15 [549] | 16 | stochastic, constraint programming, order, job-shop, resource, CSP, task, completion-time, precedence, scheduling, machine, make-span, activity, distributed, job, CP | JSSP, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP, psplib | | | | | | benchmark, real-world | large neighborhood search | 151 | n/a |
| LombardiBMB11 [550] | 17 | order, stochastic, resource, periodic, completion-time, CSP, cyclic scheduling, make-span, task, precedence, CP, activity, scheduling, machine | RCPSP | cycle, cumulative | C++ | | hoist | | benchmark, real-life, industrial instance | | 218 | n/a |
| LombardiM09 [551] | 15 | precedence, make-span, order, preempt, CP, activity, scheduling, resource, preemptive, completion-time, task, stochastic | Resource-constrained Project Scheduling Problem, RCPSP | Balance constraint | | Ilog Solver | | | real-world, instance generator | | 244 | n/a |
| LombardiM10 [553] | 15 | precedence, make-span, order, CP, CSP, activity, scheduling, resource, completion-time, task, stochastic | Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP | cumulative, Disjunctive constraint, disjunctive | | Ilog Solver | | | real-world, benchmark | | 232 | n/a |
| LombardiM13 [556] | 2 | precedence, make-span, order, CP, CSP, activity, scheduling, resource, task | psplib, Resource-constrained Project Scheduling Problem, RCPSP | | | | | | | | 186 | n/a |
| LouieVNB14 [562] | 7 | resource, periodic, activity, order, job, scheduling, task, machine | | cycle | | OPL | patient, robot | | | | 176 | n/a |
| LozanoCDS12 [563] | 17 | machine, scheduling, resource, distributed, constraint programming, COP, precedence, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, order | | cumulative, cycle | | CHIP, OPL, Gecode | pipeline, rectangle-packing | | benchmark | sweep | 200 | n/a |
| LudwigKRBMS14 [566] | 6 | task, precedence, scheduling, transportation, resource, periodic, order | | cycle | | OZ | automotive, robot | | real-world | sweep | 177 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LuoB22 [570] | 17 | scheduling, re-scheduling, job, Benders Decomposition, machine, batch process, job-shop, constraint programming, order, constraint satisfaction, constraint logic programming, CP, resource, CSP | | AlwaysConstant, diffn, Element constraint, cumulative, bin-packing, alwaysIn | Python | Cplex, CHIP | super-computer, rectangle-packing, railway | forging industry, metal industry | real-life, industry partner, real-world, generated instance, github, industrial instance | | 28 | 897 |
| LuoVLBM16 [569] | 4 | job-shop, resource, order, activity, scheduling, task, job, machine, explanation, precedence | | | | | nurse | | | time-tabling | 132 | n/a |
| Madi-WambaB16 [573] | 16 | task, explanation, CP, scheduling, CLP, sustainability, precedence, constraint satisfaction, constraint programming, resource, job, order | | TaskIntersection constraint, cumulative | Java | CHIP, Choco Solver | | | real-world, random instance, generated instance, benchmark | | 133 | n/a |
| Madi-WambaLOBM17 [574] | 8 | scheduling, constraint satisfaction, order, CSP, precedence, CP, job, distributed, machine, task, re-scheduling, activity, resource, constraint programming | | Cumulatives constraint, Element constraint, bin-packing, cumulative | Prolog | SICStus | datacenter | | real-world | sweep | 113 | n/a |
| Maillard15 [576] | 2 | resource, job-shop, activity, job, CP, scheduling | RCPSP | | | | earth observation, satellite, telescope | | real-world | | 152 | n/a |
| MakMS10 [577] | 5 | constraint satisfaction, job, scheduling, CP, constraint programming, due-date, transportation, CSP, inventory, task, resource, order, machine, activity, precedence | | cycle | | | | | | genetic algorithm | 233 | n/a |
| MalapertCGJLR13 [580] | 2 | constraint programming, flow-shop, CSP, order, cmax, open-shop, precedence, constraint satisfaction, machine, CP, preemptive, make-span, scheduling, resource, preempt, task, job, job-shop | single machine, Open Shop Scheduling Problem | disjunctive, cumulative | Java | Choco Solver | | | benchmark, real-life | meta heuristic, genetic algorithm, ant colony, particle swarm | 187 | n/a |
| MalapertN19 [582] | 17 | bi-objective, sequence dependent setup, order, machine, breakdown, cmax, scheduling, resource, job, flow-time, constraint programming, COP, make-span, completion-time, setup-time, CP, task, single-machine scheduling | PMSP, PTC, parallel machine, single machine | cumulative, noOverlap, alternative constraint, alwaysIn | | Cplex, CPO | semiconductor | | generated instance, industrial instance, benchmark, Roadef | | 77 | n/a |
| MaraveliasG04 [586] | 20 | | | | | OZ | | | | | 334 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mehdizadeh-Somarin23 [592] | 14 | make-span, preempt, unavailability, completion-time, CP, reactive scheduling, bi-objective, scheduling, job, setup-time, order, stochastic, job-shop, re-scheduling, flow-shop, periodic, multi-agent, tardiness, preemptive, constraint programming, cmax, precedence, sustainability, online scheduling, machine, single-machine scheduling, task | parallel machine, JSSP, single machine | | Python | Cplex | COVID, robot | | random instance | simulated annealing, machine learning, reinforcement learning, genetic algorithm, meta heuristic | 13 | 883 |
| MelgarejoLS15 [16] | 17 | scheduling, machine, order, setup-time, constraint programming, resource, one-machine scheduling, job, tardiness, CP, task, precedence, transportation | single machine | Disjunctive constraint, table constraint, alldifferent, noOverlap, circuit, disjunctive | | Cplex | | | real-world, benchmark | ant colony, simulated annealing, meta heuristic, large neighborhood search | 153 | n/a |
| Mercier-AubinGQ20 [602] | 13 | order, CSP, Logic-Based Benders Decomposition, job, constraint programming, sequence dependent setup, tardiness, machine, activity, due-date, constraint satisfaction, task, setup-time, earliness, scheduling, Benders Decomposition, make-span, preemptive, resource, precedence, completion-time, preempt, CP, job-shop | RCPSP | circuit, cumulative, disjunctive, cycle | C++, Python | OPL, MiniZinc | | manufacturing industry, textile industry | industrial partner, industrial instance | large neighborhood search, genetic algorithm, lazy clause generation | 59 | 922 |
| MeskensDHG11 [603] | 10 | cmax, completion-time, scheduling, make-span, constraint satisfaction, re-scheduling, CP, multi-objective, manpower, constraint programming, order, resource, CSP | | | Java | Cplex, Choco Solver | surgery, medical, nurse, operating room, patient | | real-life | | 219 | n/a |
| MeyerE04 [605] | 12 | cmax, due-date, order, tardiness, CLP, scheduling, job, task, release-date, transportation, stochastic, constraint programming, inventory, setup-time, CP, make-span, machine | single machine | | Prolog | SICStus | | | real-world, benchmark | reinforcement learning, ant colony, time-tabling, genetic algorithm, meta heuristic | 335 | n/a |
| MintonJPL90 [610] | 8 | re-scheduling, CSP, explanation, resource, task, stochastic, constraint satisfaction, order, machine, scheduling | | cycle | Lisp | | robot, astronomy, telescope | | benchmark, real-world | neural network, simulated annealing, machine learning | 439 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MoffittPP05 [612] | 6 | order, machine, cmax, scheduling, resource, CSP, activity, make-span, CLP, constraint satisfaction | Temporal Constraint Satisfaction Problem | cycle, disjunctive | | | meeting scheduling | | | | 313 | n/a |
| MonetteDD07 [614] | 14 | machine, job, scheduling, resource, job-shop, constraint programming, precedence, make-span, preemptive, CLP, completion-time, preempt, CP, no preempt, task, constraint satisfaction, open-shop, order | Open Shop Scheduling Problem, OSP | disjunctive | | Gecode | | | benchmark | not-last, not-first, edge-finding | 280 | n/a |
| MonetteDH09 [615] | 8 | machine, tardiness, job, scheduling, resource, due-date, job-shop, activity, constraint programming, precedence, release-date, make-span, preemptive, completion-time, preempt, earliness, CP, task, order, distributed | | disjunctive, cycle, cumulative | | | | | benchmark | large neighborhood search, not-last | 245 | n/a |
| MorgadoM97 [618] | 10 | order, scheduling, manpower, task, machine, constraint satisfaction, distributed, job-shop, activity, explanation, CP, resource, transportation, re-scheduling, job | TMS | | Lisp, C++ | OPL | railway, robot, crew-scheduling | | | | 403 | n/a |
| MossigeGSMC17 [619] | 18 | net present value, job, order, completion-time, distributed, preempt, make-span, task, preemptive, explanation, CP, activity, CSP, scheduling, machine, constraint optimization, precedence, job-shop, constraint programming, resource | FJS, Resource-constrained Project Scheduling Problem, RCPSP, single machine | Cumulatives constraint, cumulative, cycle, disjunctive | Prolog | SICStus, CHIP | robot, rectangle-packing, round-robin | | benchmark, industrial partner, real-world, random instance, CSPlib, generated instance | meta heuristic, genetic algorithm, lazy clause generation | 114 | n/a |
| MouraSCL08 [621] | 16 | resource, transportation, constraint programming, precedence, order, scheduling, preempt, distributed, preemptive, activity, CP, inventory | | table constraint, Element constraint, Channeling constraint, disjunctive, cycle | C++ | Ilog Scheduler, Ilog Solver | pipeline | | | max-flow, genetic algorithm | 263 | n/a |
| MouraSCL08a [620] | 8 | scheduling, resource, transportation, inventory, constraint satisfaction, constraint programming, reactive scheduling, order, CLP, CP, re-scheduling, due-date, distributed | | disjunctive, Channeling constraint, cumulative | C++ | Ilog Scheduler, Ilog Solver | pipeline | | benchmark, real-world | genetic algorithm, MINLP, meta heuristic | 264 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MurinR19 [623] | 16 | transportation, scheduling, constraint programming, Benders Decomposition, completion-time, task, setup-time, activity, job-shop, CP, Logic-Based Benders Decomposition, make-span, resource, precedence, order, machine, job | JSPT | alternative constraint, noOverlap, endBeforeStart | | Cplex, OPL | robot, patient | | github, benchmark, real-life | large neighborhood search, genetic algorithm, meta heuristic | 78 | 934 |
| MurphyMB15 [625] | 17 | activity, constraint programming, stochastic, order, re-scheduling, constraint optimization, scheduling, task, machine, constraint satisfaction, periodic, CP, resource | | cycle, circuit, Disjunctive constraint, cumulative, disjunctive | Java | Choco Solver | meeting scheduling | | real-world | | 154 | n/a |
| MurphyRFSS97 [624] | 10 | scheduling, machine, activity, inventory, constraint satisfaction, due-date, order, resource, task | | bin-packing, cycle | | | train schedule | | | genetic algorithm | 404 | n/a |
| Muscettola02 [628] | 16 | activity, job, CP, order, job-shop, resource, cmax, stochastic, precedence, scheduling | | cycle, Balance constraint | | | | | | max-flow, edge-finding | 363 | n/a |
| Muscettola94 [627] | 6 | activity, constraint satisfaction, due-date, job, CP, order, job-shop, resource, stochastic, precedence, scheduling | | cycle | | OPL | robot | | benchmark | | 425 | n/a |
| Musliu05 [629] | 2 | machine, scheduling, constraint satisfaction | | | | | workforce scheduling | | real-life, benchmark | meta heuristic | 314 | n/a |
| MusliuSS18 [630] | 17 | distributed, activity, CP, constraint programming, cyclic scheduling, order, scheduling, manpower, task, machine | | Regular constraint, cycle, Cardinality constraint | | Gurobi, Gecode, MiniZinc | operating room, nurse, workforce scheduling | | generated instance, benchmark, real-life | column generation | 96 | n/a |
| NattafM20 [645] | 16 | constraint programming, order, completion-time, resource, bi-objective, job, setup-time, scheduling, make-span, COP, flow-time, CP, machine | PTC, single machine, PMSP, parallel machine | noOverlap, cumulative | | CPO, Cplex | semiconductor | | industrial instance, benchmark | | 60 | 923 |
| NishikawaSTT18 [648] | 6 | precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task | | alternative constraint, endBeforeStart | | Cplex | robot, pipeline | | real-world, benchmark | genetic algorithm | 97 | n/a |
| NishikawaSTT18a [649] | 6 | CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity | | endBeforeStart, alternative constraint | | Cplex | robot, nurse, pipeline | | benchmark, real-life, real-world | genetic algorithm | 98 | n/a |
| NuijtenA94 [657] | 5 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | C++ | Ilog Solver, CPO | | | | time-tabling | 426 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OddiPCC03 [661] | 15 | distributed, resource, constraint satisfaction, preempt, single-machine scheduling, scheduling, precedence, task, CSP, CP, machine, constraint programming, order, completion-time, activity, periodic | single machine | cycle | Java | | earth observation, satellite | | benchmark | meta heuristic | 347 | n/a |
| OddiRC10 [663] | 2 | resource, precedence, order, scheduling, completion-time, constraint satisfaction, CSP, activity, CP, make-span | Resource-constrained Project Scheduling Problem, RCPSP | disjunctive | | | | | benchmark | | 234 | n/a |
| OddiRCS11 [664] | 6 | make-span, task, CSP, cmax, CP, machine, no preempt, order, completion-time, activity, job-shop, resource, job, preempt, setup-time, scheduling, precedence | JSSP, FJS | cumulative, cycle, Disjunctive constraint, disjunctive | Java | | robot | | benchmark | large neighborhood search, ant colony, genetic algorithm, meta heuristic | 220 | n/a |
| OddiS97 [665] | 7 | CSP, resource, make-span, activity, precedence, job-shop, job, order, release-date, scheduling, CP, stochastic, due-date | | cycle | Lisp | | robot | | | | 406 | n/a |
| OuelletQ13 [670] | 16 | scheduling, task, make-span, preempt, resource, preemptive, completion-time, precedence, CP, order, constraint programming | RCPSP, Resource-constrained Project Scheduling Problem, CuSP, psplib | Cumulatives constraint, cumulative, disjunctive | | Choco Solver | | | benchmark | sweep, edge-finding, not-last, edge-finder, energetic reasoning, time-tabling, not-first | 188 | n/a |
| OuelletQ18 [671] | 18 | scheduling, task, make-span, resource, explanation, completion-time, precedence, CP, order | RCPSP, psplib | Cumulatives constraint, cumulative, disjunctive | Java | Choco Solver | | | benchmark, Roadef | edge-finding, not-last, energetic reasoning, time-tabling, not-first | 99 | n/a |
| OuelletQ22 [672] | 17 | scheduling, task, preempt, resource, activity, completion-time, CP, order, constraint programming | | GCC constraint, Cardinality constraint, Cumulatives constraint, cumulative, disjunctive, SoftCumulative | Java | MiniZinc, Choco Solver | nurse | | github, benchmark, random instance | sweep, edge-finding, not-last, lazy clause generation, energetic reasoning, time-tabling, not-first | 29 | 898 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OujanaAYB22 [673] | 6 | CP, tardiness, make to order, buffer-capacity, sequence dependent setup, open-shop, order, distributed, job, scheduling, resource, due-date, job-shop, setup-time, task, constraint programming, precedence, flow-shop, batch process, multi-objective, make-span, completion-time, machine, preempt | HFF, PMSP, parallel machine, FJS | span constraint, noOverlap, disjunctive | | CPO, OPL | robot, COVID | steel industry, food industry | real-world, real-life, industrial instance, benchmark | meta heuristic, genetic algorithm, particle swarm | 30 | 899 |
| PachecoPR19 [678] | 7 | breakdown, job, scheduling, explanation, resource, due-date, CSP, job-shop, task, activity, constraint programming, precedence, release-date, make-span, setup-time, CP, Benders Decomposition, Logic-Based Benders Decomposition, constraint satisfaction, sequence dependent setup, order | SCC | cumulative, disjunctive | | Claire | robot | | benchmark, generated instance | large neighborhood search, reinforcement learning | 79 | n/a |
| PacinoH11 [679] | 6 | CP, machine, constraint programming, job-shop, resource, open-shop, order, completion-time, activity, scheduling, job, precedence, make-span | | cumulative, disjunctive | | | robot | | benchmark | large neighborhood search, genetic algorithm, not-first, not-last | 221 | n/a |
| PapeB97 [683] | 20 | task, resource, constraint satisfaction, job, order, scheduling, CP, precedence, CLP, cmax, job-shop, constraint programming, due-date, preempt, make-span, preemptive, machine, activity | | Cardinality constraint, disjunctive, cumulative | C++ | Ilog Solver, CHIP, Claire, OPL | | | benchmark, real-life | edge-finder, energetic reasoning, edge-finding | 407 | n/a |
| ParkUJR19 [685] | 8 | machine, tardiness, completion-time, cmax, CP, lateness, stochastic, no preempt, distributed, constraint programming, job-shop, resource, open-shop, order, preempt, scheduling, make-span, task, flow-time, job, due-date, flow-shop | parallel machine, single machine | endBeforeStart, noOverlap, cycle | | | | trade industry | real-world | meta heuristic | 80 | n/a |
| PembertonG98 [686] | 14 | preemptive, scheduling, machine, periodic, activity, preempt, constraint satisfaction, job, stochastic, order, job-shop, resource, CSP, task | | geost, cycle | | Ilog Solver, OPL | robot, telescope, satellite | | | | 392 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PerezGSL23 [689] | 7 | inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP | | table constraint, cumulative | | OPL | container terminal, nurse, operating room, steel mill | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 14 | 884 |
| Perron05 [691] | 5 | CP, CSP, order, CLP, scheduling, constraint programming | | Channeling constraint, table constraint, Cardinality constraint | | | sports scheduling, round-robin, tournament | | | large neighborhood search | 316 | n/a |
| PerronSF04 [692] | 14 | resource, job, constraint programming, CSP, order, tardiness, scheduling, constraint satisfaction, job-shop, COP, earliness, CP | RCPSP | | | Cplex | | | | evolutionary computing, large neighborhood search, reinforcement learning | 336 | n/a |
| PesantRR15 [694] | 16 | activity, constraint programming, CP, order, transportation, scheduling, constraint satisfaction | | table constraint, cumulative, Cardinality constraint, Regular constraint | | Ilog Solver, Gecode, Gurobi | meeting scheduling | | | lazy clause generation | 155 | n/a |
| PoderB08 [700] | 8 | resource, release-date, due-date, preemptive, order, scheduling, task, CP, preempt, producer/consumer, activity | | cumulative | | CHIP | | | | sweep | 265 | n/a |
| PolicellaWSO05 [703] | 6 | preempt, due-date, constraint programming, CP, resource, preemptive, precedence, release-date, producer/consumer, activity, distributed, scheduling, order | psplib, Partial Order Schedule | cumulative | | Cplex | robot | | real-world, benchmark | | 317 | n/a |
| PopovicCGNC22 [705] | 15 | order, completion-time, stochastic, make-span, sustainability, task, CP, activity, bi-objective, scheduling, machine, transportation, constraint programming, resource, periodic | TMS | cumulative, noOverlap, alwaysIn, Balance constraint | C++, Prolog | SICStus, Cplex, CHIP | pipeline, maintenance scheduling | electricity industry | | machine learning | 31 | 900 |
| PovedaAA23 [707] | 21 | unavailability, make-span, resource, preemptive, job-shop, activity, CP, job, constraint programming, precedence, Benders Decomposition, release-date, task, order, scheduling, preempt | RCPSP, Resource-constrained Project Scheduling Problem | Calendar constraint, cumulative, disjunctive | Python | Cplex, CPO, MiniZinc, Chuffed | aircraft, automotive | | industrial instance, real-world, github, benchmark, real-life | simulated annealing, lazy clause generation, meta heuristic, genetic algorithm, large neighborhood search, GRASP | 15 | 885 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pralet17 [708] | 19 | setup-time, activity, job-shop, CP, resource, precedence, due-date, order, make-span, machine, job, sequence dependent setup, scheduling, constraint programming, constraint satisfaction | JSSP, psplib, Resource-constrained Project Scheduling Problem, RCPSP | cycle, cumulative, disjunctive | | CPO, Cplex, CHIP | satellite | | benchmark | genetic algorithm, meta heuristic, large neighborhood search | 115 | n/a |
| PraletLJ15 [709] | 16 | job-shop, activity, constraint programming, precedence, CP, order, job, scheduling, task, make-span, due-date, tardiness, resource | JSSP | alternative constraint, Regular constraint, noOverlap, cycle | | CPO, Cplex | earth observation, satellite | | | large neighborhood search | 156 | n/a |
| Prosser89 [712] | 6 | scheduling, precedence, reactive scheduling, CSP, due-date, machine, re-scheduling, stochastic, order, constraint satisfaction, distributed, task, resource, job, breakdown | TMS | bin-packing | C | | robot | | real-world | | 442 | n/a |
| Puget95 [713] | 4 | task, transportation, CSP, activity, resource, job, order, scheduling, CP, manpower, CLP, job-shop, constraint programming, explanation | | disjunctive | | OPL | airport, maintenance scheduling | | benchmark | | 418 | n/a |
| QuSN06 [719] | 4 | CSP, scheduling, precedence, constraint programming, task, CP, distributed, resource | | circuit | Prolog | SICStus | | | | | 290 | n/a |
| QuirogaZH05 [720] | 6 | machine, breakdown, tardiness, scheduling, resource, due-date, inventory, activity, flow-time, constraint programming, release-date, completion-time, earliness, CP, task, constraint satisfaction, precedence, flow-shop, multi-objective, make-span, order | | | | Ilog Solver, ECLiPSe, Ilog Scheduler, OPL | robot | | | | 318 | n/a |
| RasmussenT06 [723] | 15 | scheduling, explanation, distributed, CP, constraint logic programming, constraint programming, order | | | | Cplex, OPL | sports scheduling, travelling tournament problem, tournament, round-robin | | benchmark, generated instance | column generation, time-tabling | 291 | n/a |
| Refalo00 [727] | 15 | transportation, constraint programming, constraint satisfaction, CP, order, CLP | | Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit | | CHIP, Ilog Solver, Cplex | hoist | | | quadratic programming | 375 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RenT09 [728] | 5 | CP, due-date, explanation, CLP, scheduling, job, setup-time, machine, batch process, job-shop, constraint programming, order, constraint logic programming | | | C++ | Cplex, Ilog Scheduler | pipeline | | real-world | | 246 | n/a |
| RendlPHPR12 [729] | 17 | job, scheduling, CSP, transportation, constraint programming, COP, machine, CP, periodic, re-scheduling, order | | | Java | | nurse, tournament, medical, patient | | benchmark, real-world, CSPlib | genetic algorithm, simulated annealing, memetic algorithm, large neighborhood search, meta heuristic | 201 | n/a |
| RiahiNS018 [730] | 9 | no-wait, flow-shop, completion-time, CP, order, job, scheduling, setup-time, machine, make-span, tardiness, buffer-capacity, sequence dependent setup, blocking constraint, distributed | | Blocking constraint | | | high performance computing | cutting industry, painting industry | real-life, benchmark, real-world | NEH, memetic algorithm, ant colony, GRASP, genetic algorithm, simulated annealing, meta heuristic | 100 | n/a |
| Rit86 [733] | 6 | activity, scheduling, resource, job, order, precedence, task, job-shop | | Disjunctive constraint, disjunctive | | | | | | | 444 | n/a |
| RodosekW98 [735] | 15 | order, scheduling, task, machine, make-span, constraint satisfaction, constraint logic programming, CP, resource, transportation, activity, job, constraint programming, cyclic scheduling, CLP | | disjunctive, cycle, circuit, Disjunctive constraint | Prolog | OPL, ECLiPSe, Cplex, CHIP | electroplating, hoist | | benchmark | | 393 | n/a |
| Rodriguez07b [738] | 14 | re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Z3, Ilog Solver | train schedule, railway | railway industry | | edge-finding | 281 | n/a |
| RodriguezS09 [740] | 14 | blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Ilog Solver | train schedule, railway | | | edge-finding | 247 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RossiTHP07 [746] | 15 | CP, stochastic, inventory, order, constraint programming, scheduling, resource, periodic, distributed, stock level | | cumulative, cycle | | Choco Solver, OPL | | | | | 282 | n/a |
| RoweJCA96 [747] | 9 | distributed, task, resource, job, stock level, scheduling, CP, machine, order, activity, periodic | | cycle | | | business process | manufacturing industry | real-world, benchmark | | 412 | n/a |
| Sadykov04 [753] | 7 | CLP, completion-time, CP, machine, lateness, constraint programming, one-machine scheduling, release-date, scheduling, task, job, due-date, preempt, precedence | parallel machine, single machine | disjunctive | | | | | | edge-finding, column generation, genetic algorithm | 337 | n/a |
| Schaerf97 [759] | 6 | constraint logic programming, re-scheduling, order, activity, constraint satisfaction, scheduling | | | | | round-robin, tournament, high school timetabling | | real-life | time-tabling | 408 | n/a |
| SchausD08 [760] | 6 | order, task, preempt, precedence, preemptive, CSP, CP, constraint programming | | IloPack, bin-packing, cycle, Reified constraint, Element constraint | | Ilog Solver, OPL | | | real-life, benchmark | large neighborhood search | 266 | n/a |
| SchuttCSW12 [766] | 17 | preempt, CP, order, scheduling, explanation, resource, net present value, activity, constraint programming, precedence, make-span, preemptive | Resource-constrained Project Scheduling Problem | cumulative | | CHIP | | | benchmark | lazy clause generation | 202 | n/a |
| SchuttFS13 [768] | 17 | job, scheduling, task, CLP, machine, make-span, net present value, constraint satisfaction, resource, job-shop, activity, explanation, constraint programming, completion-time, precedence, CP, order | FJS, RCPSP | disjunctive, Disjunctive constraint, span constraint, alternative constraint, cumulative | | MiniZinc | | | benchmark | lazy clause generation, energetic reasoning, time-tabling, large neighborhood search | 189 | n/a |
| SchuttFS13a [767] | 17 | scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, CLP, completion-time, machine, preempt, CP, constraint satisfaction, order | psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, circuit, cumulative | | SCIP, CHIP | | | benchmark | not-last, lazy clause generation, energetic reasoning, edge-finding | 190 | 958 |
| SchuttFSW09 [769] | 16 | scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, machine, preempt, CP, periodic, open-shop, order, job | psplib, Resource-constrained Project Scheduling Problem | Disjunctive constraint, disjunctive, cumulative | | ECLiPSe, CHIP, SICStus | | | benchmark, real-world | lazy clause generation, edge-finder | 248 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SchuttS16 [774] | 17 | order, activity, constraint satisfaction, preempt, manpower, scheduling, make-span, producer/consumer, preemptive, net present value, machine, explanation, precedence, inventory, constraint programming, CP, resource | RCPSP, Resource-constrained Project Scheduling Problem | Cumulatives constraint, cumulative, Balance constraint | | Chuffed, MiniZinc, OPL, Ilog Scheduler | | | benchmark | lazy clause generation | 134 | n/a |
| SchuttW10 [775] | 15 | order, activity, preempt, release-date, scheduling, make-span, task, preemptive, due-date, explanation, constraint programming, CP, resource | CuSP, RCPSP, psplib | disjunctive, Disjunctive constraint, cumulative | Java | CHIP | rectangle-packing | | benchmark | edge-finding, lazy clause generation, not-first, not-last | 235 | n/a |
| SchuttWS05 [776] | 15 | preemptive, due-date, constraint programming, CP, order, release-date, scheduling, task, machine, preempt, resource | | cumulative, disjunctive | | CHIP, OPL | | | benchmark | not-last | 319 | n/a |
| SenderovichBB19 [777] | 9 | resource, order, job, cmax, precedence, constraint programming, preemptive, constraint satisfaction, scheduling, completion-time, activity, machine, preempt, stochastic, task, job-shop, CP, make-span | | endBeforeStart, cumulative | | Cplex | nurse, robot, business process, medical, patient | | github, benchmark, real-world | meta heuristic | 81 | 935 |
| SerraNM12 [778] | 17 | preempt, explanation, precedence, preemptive, unavailability, CP, machine, inventory, constraint programming, resource, order, activity, constraint satisfaction, release-date, scheduling, COP | | cumulative, alwaysIn, cycle | | Cplex, OPL | | | benchmark, real-world | GRASP, meta heuristic | 203 | n/a |
| SialaAH15 [785] | 10 | cmax, CP, constraint programming, job-shop, resource, open-shop, order, constraint satisfaction, setup-time, scheduling, make-span, task, job, machine, explanation, precedence, tardiness, earliness | RCPSP, Resource-constrained Project Scheduling Problem, JSSP | disjunctive, Disjunctive constraint, cumulative | | Mistral | | | github, benchmark | large neighborhood search, edge-finding, lazy clause generation, conflict-driven clause learning | 157 | 951 |
| SimoninAHL12 [786] | 15 | CP, resource, task, constraint programming, preemptive, precedence, periodic, activity, scheduling, preempt, order | | disjunctive, span constraint, cycle, cumulative | | CHIP | satellite | | | sweep | 204 | 959 |
| Simonis95 [789] | 4 | CLP, resource, transportation, order, scheduling, task, producer/consumer, constraint logic programming, machine, precedence | | diffn, circuit, Among constraint, cumulative, cycle | Prolog | CHIP | aircraft | food industry | | | 419 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Simonis95a [788] | 21 | job, constraint programming, precedence, CLP, order, constraint logic programming, scheduling, manpower, task, machine, constraint satisfaction, distributed, stock level, due-date, explanation, CP, inventory, producer/consumer, resource | | cycle, circuit, cumulative, diffn | Prolog, C++ | CHIP, OPL | pipeline, aircraft, business process | drawing industry, chemical industry | benchmark, real-life | | 420 | n/a |
| Simonis99 [790] | 39 | CLP, CP, stochastic, inventory, constraint programming, resource, transportation, order, activity, constraint satisfaction, scheduling, task, producer/consumer, constraint logic programming, job, due-date, manpower, machine, stock level, explanation, precedence | | diffn, circuit, disjunctive, Disjunctive constraint, cumulative, alldifferent, cycle | C++, Prolog | OPL, SICStus, CHIP, ECLiPSe | aircraft, pipeline, maintenance scheduling, airport, business process, nurse | process industry, chemical industry, food industry | benchmark, real-world, real-life | bi-partite matching, meta heuristic | 387 | n/a |
| SimonisC95 [793] | 14 | transportation, job, constraint programming, continuous-process, CLP, order, constraint logic programming, scheduling, manpower, task, machine, constraint satisfaction, stock level, job-shop, due-date, flow-shop, CP, inventory, batch process, producer/consumer, resource | | cumulative, diffn | Prolog | CHIP | pipeline, maintenance scheduling, aircraft | food industry | real-life | | 421 | n/a |
| SimonisH11 [794] | 14 | preemptive, CLP, order, scheduling, preempt, manpower, task, CP, producer/consumer, resource | | Element constraint, cumulative, CumulativeCost, Cumulatives constraint | | Choco Solver, CHIP, Cplex | | | real-life, real-world | sweep, edge-finding | 222 | n/a |
| SmithC93 [796] | 6 | order, tardiness, scheduling, machine, job, stochastic, job-shop, CSP, CP, resource, precedence, due-date, re-scheduling | single machine | | Lisp | | telescope, robot | | benchmark | | 432 | n/a |
| SquillaciPR23 [798] | 17 | constraint programming, distributed, multi-objective, periodic, task, CP, activity, scheduling, multi-agent, resource, order | Earth Observation Scheduling Problem, EOSP, OSP | noOverlap | Python | Cplex | satellite, earth orbit, airport, earth observation | | github, benchmark | meta heuristic, neural network, GRASP, large neighborhood search, simulated annealing, column generation | 16 | 886 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SultanikMR07 [802] | 6 | precedence, multi-agent, scheduling, COP, order, distributed, CP, resource, constraint optimization, stochastic, task, constraint programming | | cycle | | | | | real-world, benchmark | | 283 | n/a |
| SunLYL10 [805] | 6 | order, distributed, scheduling, constraint programming, task, periodic, CP | | cycle | | Cplex, OPL | automotive | | | simulated annealing | 236 | n/a |
| SvancaraB22 [807] | 8 | constraint satisfaction, constraint programming, batch process, make-span, order, CP, multi-agent, activity, scheduling, resource, task | | alternative constraint, noOverlap | | | train schedule, railway | | benchmark, real-world | reinforcement learning, time-tabling | 32 | n/a |
| SzerediS16 [808] | 10 | task, machine, net present value, preempt, make-span, resource, preemptive, activity, explanation, CP, order, constraint programming, precedence, scheduling | psplib, RCPSP, Resource-constrained Project Scheduling Problem | cumulative, Element constraint | | MiniZinc, SCIP, Chuffed, Cplex, Gecode | | | benchmark | lazy clause generation | 135 | n/a |
| TanSD10 [811] | 6 | completion-time, preemptive, resource, make-span, order, machine, precedence, cmax, job-shop, preempt, constraint satisfaction, job, scheduling, CP, constraint programming | | cumulative, cycle, disjunctive | | Ilog Scheduler | | process industry | benchmark, generated instance | edge-finding | 237 | n/a |
| TanT18 [810] | 12 | flow-shop, single-machine scheduling, release-date, scheduling, precedence, re-scheduling, job, setup-time, constraint satisfaction, Benders Decomposition, machine, cmax, job-shop, constraint programming, task, completion-time, constraint logic programming, CP, make-span, Logic-Based Benders Decomposition | single machine, parallel machine | Disjunctive constraint, disjunctive | | Cplex | medical, operating room, patient, robot | | benchmark | genetic algorithm, meta heuristic | 101 | n/a |
| TangB20 [813] | 16 | job, scheduling, CP, Logic-Based Benders Decomposition, constraint programming, tardiness, due-date, Benders Decomposition, flow-shop, resource, make-span, order, batch process, machine, two-stage scheduling, precedence | 2BPHFSP, single machine, HFS | bin-packing, alwaysIn, Cardinality constraint, Element constraint, GCC constraint, span constraint, cycle, endBeforeStart | Java | CPO, Cplex | semiconductor | manufacturing industry | real-world | simulated annealing | 61 | 924 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TardivoDFMP23 [815] | 18 | CP, activity, CSP, scheduling, constraint optimization, task, precedence, resource, order, constraint satisfaction, constraint programming, preempt, make-span | CuSP, RCPSP, psplib | disjunctive, cumulative, Cumulatives constraint | C++ | CHIP, Gecode, MiniZinc | | | bitbucket, real-world, benchmark, github | lazy clause generation, not-first, edge-finding, time-tabling, sweep, energetic reasoning, not-last | 17 | 887 |
| Tassel22 [816] | 2 | job-shop, constraint optimization, CP, resource, COP, order, scheduling, machine, job, task, stochastic, breakdown | | cumulative | | Gurobi, OR-Tools | aircraft, semiconductor | | industrial instance, github, real-world, industrial partner, benchmark | deep learning, machine learning, meta heuristic, neural network, reinforcement learning | 33 | 901 |
| TasselGS23 [817] | 9 | job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic | JSSP | cumulative, disjunctive, noOverlap | Java | Choco Solver | | | industrial instance, real-world, github, benchmark, supplementary material | genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic | 18 | 888 |
| Teppan22 [820] | 8 | cmax, scheduling, constraint programming, flow-shop, task, setup-time, job-shop, CP, make-span, preempt, distributed, resource, order, CLP, completion-time, machine, job | JSSP, parallel machine, PTC, FJS | noOverlap, endBeforeStart | Java | OR-Tools, OPL | | | benchmark, real-life | genetic algorithm | 34 | 902 |
| Tesch16 [823] | 27 | resource, make-span, order, precedence, job, scheduling, CP, constraint programming, completion-time | CuSP, psplib, RCPSP | cumulative, disjunctive | C++ | OPL | | | Roadef | large neighborhood search, not-first, sweep, edge-finding, energetic reasoning, not-last, time-tabling | 136 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tesch18 [824] | 17 | task, resource, make-span, single-machine scheduling, order, machine, precedence, preempt, job, release-date, scheduling, CP, constraint programming, due-date, completion-time, preemptive, lateness | Resource-constrained Project Scheduling Problem, CuSP, psplib, RCPSP, single machine | cumulative | | | | | Roadef | sweep, edge-finding, energetic reasoning, not-last, time-tabling | 102 | n/a |
| ThiruvadyBME09 [825] | 15 | due-date, stochastic, CP, resource, open-shop, make-span, setup-time, tardiness, constraint programming, machine, single-machine scheduling, job, scheduling, order | single machine | cumulative | C++ | Gecode | | | | meta heuristic, ant colony | 249 | n/a |
| ThomasKS20 [827] | 18 | order, transportation, constraint programming, CSP, scheduling, resource, activity, CP | | cumulative | C , Java | CPO, OR-Tools, OPL, Cplex | medical, patient | | benchmark, bitbucket, CSPlib, generated instance | large neighborhood search | 62 | 925 |
| Thorsteinsson01 [828] | 15 | order, Benders Decomposition, constraint logic programming, job, CLP, precedence, constraint programming, due-date, constraint satisfaction, scheduling, machine, task, CP, Logic-Based Benders Decomposition | parallel machine | alldifferent, cumulative, Arithmetic constraint, circuit | | OPL | | | | | 368 | n/a |
| Tom19 [830] | 6 | task, tardiness, job-shop, re-scheduling, activity, scheduling, multi-objective, constraint programming, constraint satisfaction, single-machine scheduling, resource, job, make-span, machine, transportation | single machine | | Java | OPL | | | real-world | simulated annealing, genetic algorithm | 82 | n/a |
| TouatBT22 [834] | 8 | job, unavailability, due-date, flow-shop, planned maintenance, machine, precedence, tardiness, constraint programming, earliness, completion-time, multi-objective, CP, no preempt, distributed, job-shop, resource, order, activity, preempt, release-date, periodic, single-machine scheduling, scheduling, make-span, task | RCPSP, single machine | noOverlap | | Cplex, OPL | robot, satellite, container terminal | | generated instance, benchmark | time-tabling, meta heuristic | 35 | 903 |
| Touraivane95 [835] | 3 | CLP, scheduling, CP, order, constraint logic programming, task, constraint programming | | | Prolog | | crew-scheduling | | real-life | | 422 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TranB12 [837] | 6 | setup-time, constraint programming, due-date, release-date, scheduling, CP, Logic-Based Benders Decomposition, tardiness, completion-time, Benders Decomposition, resource, make-span, single-machine scheduling, sequence dependent setup, job, order, machine, distributed, precedence, cmax | PMSP, single machine, parallel machine | circuit, cycle | C++ | Cplex | | | benchmark | column generation, meta heuristic, simulated annealing, ant colony | 205 | n/a |
| TranDRFWOVB16 [838] | 9 | CP, activity, re-scheduling, scheduling, machine, constraint satisfaction, job-shop, constraint programming, resource, constraint logic programming, job, order, COP, stochastic, task, precedence | | cycle | Python | OPL | aircraft, airport | | | simulated annealing, neural network, deep learning, meta heuristic | 137 | n/a |
| TranTDB13 [840] | 9 | resource, job, setup-time, scheduling, make-span, task, flow-time, flow-shop, cmax, CP, machine, re-scheduling, stochastic, order, periodic, distributed | parallel machine | cycle | C++ | Cplex | round-robin | | real-world | ant colony | 191 | n/a |
| TranVNB17a [842] | 5 | scheduling, task, machine, CP, resource, transportation, activity, constraint programming, setup-time, order, multi-objective | | alternative constraint, cumulative | | Cplex | robot, medical | | real-world | | 116 | n/a |
| TranWDRFOVB16 [843] | 9 | COP, scheduling, task, precedence, activity, job-shop, machine, job, order, single-machine scheduling, stochastic | single machine | cumulative, cycle | Python | Ilog Scheduler, OPL | robot, satellite | | benchmark | neural network, deep learning, simulated annealing, meta heuristic | 138 | n/a |
| Trick03 [845] | 15 | scheduling, constraint logic programming, CP, task, order, machine, constraint programming | | | | OPL | tournament, sports scheduling, round-robin | | real-world | time-tabling, bi-partite matching | 348 | n/a |
| Valdes87 [853] | 5 | precedence, order, constraint satisfaction, task | | circuit, disjunctive, cycle | | | | | | | 443 | n/a |
| ValleMGT03 [854] | 8 | machine, order, scheduling, make-span, resource, job-shop, CP, transportation, job, constraint programming, CSP, precedence, task | | | | Ilog Solver | robot | | real-life | edge-finder | 349 | n/a |
| VanczaM01 [860] | 15 | machine, constraint programming, multi-objective, CP, resource, order, constraint satisfaction, Pareto, scheduling, precedence, task | | cycle, disjunctive, Disjunctive constraint | | | robot | | real-life, real-world | genetic algorithm | 369 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VerfaillieL01 [861] | 15 | stochastic, task, CP, open-shop, CSP, scheduling, job-shop, constraint programming, job, order | Open Shop Scheduling Problem | cycle | | Cplex, OPL | earth observation, satellite | | | genetic algorithm, simulated annealing | 370 | n/a |
| Vilim02 [862] | 1 | resource, sequence dependent setup, batch process, activity, setup-time, scheduling, CP, precedence, constraint programming | | cumulative, disjunctive | | | | | | edge-finding | 364 | n/a |
| Vilim03 [863] | 1 | job-shop, constraint satisfaction, job, open-shop, order, scheduling, CP, constraint programming, explanation, CSP | | cumulative, disjunctive | | | | | | edge-finding, not-last | 350 | n/a |
| Vilim04 [864] | 13 | task, resource, sequence dependent setup, batch process, machine, activity, setup-time, job-shop, job, order, scheduling, CP, precedence, constraint programming, completion-time | | cumulative, disjunctive | | | | | benchmark | sweep, edge-finding, not-last | 338 | n/a |
| Vilim05 [865] | 14 | task, resource, make-span, machine, activity, job-shop, preempt, constraint satisfaction, job, open-shop, order, scheduling, CP, precedence, explanation, completion-time, CSP, preemptive | | cumulative, disjunctive | C++ | | | | benchmark | not-last | 320 | n/a |
| Vilim09 [866] | 15 | resource, activity, job-shop, preempt, job, order, scheduling, CP, precedence, completion-time, preemptive | | cumulative, cycle | | CPO | | | | not-first, energetic reasoning, edge-finding, not-last | 250 | n/a |
| Vilim09a [867] | 15 | preemptive, order, scheduling, completion-time, task, constraint programming, preempt, activity, CP, resource | | cycle, cumulative | | Ilog Scheduler | | | | edge-finding, energetic reasoning, not-last | 251 | n/a |
| Vilim11 [868] | 16 | task, resource, machine, activity, manpower, preempt, order, scheduling, CP, precedence, constraint programming, completion-time, preemptive | psplib, RCPSP | cumulative, cycle, disjunctive | | | | | benchmark | large neighborhood search, sweep, energetic reasoning, edge-finding, not-last, time-tabling | 223 | n/a |
| VilimBC04 [869] | 15 | scheduling, make-span, job, machine, precedence, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity | | disjunctive, cumulative | | | | | benchmark, real-life | edge-finding, not-first, not-last | 339 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VilimLS15 [871] | 17 | machine, explanation, precedence, earliness, CSP, completion-time, cmax, CP, constraint programming, job-shop, resource, order, activity, constraint satisfaction, periodic, scheduling, make-span, task, job | Resource-constrained Project Scheduling Problem, psplib, RCPSP | disjunctive, noOverlap, cumulative | | Cplex, CPO | rectangle-packing | | benchmark | time-tabling, large neighborhood search, machine learning, genetic algorithm | 158 | n/a |
| Wallace06 [876] | 32 | constraint satisfaction, Logic-Based Benders Decomposition, task, resource, constraint logic programming, job, explanation, scheduling, tardiness, earliness, CSP, CP, machine, constraint programming, job-shop, transportation, CLP, Benders Decomposition, order, cyclic scheduling | | Channeling constraint, circuit, cycle | | CHIP, ECLiPSe, Z3, Cplex, OPL | workforce scheduling, hoist | | real-world, benchmark, Roadef | column generation, genetic algorithm, meta heuristic, Lagrangian relaxation, simulated annealing, ant colony | 292 | n/a |
| WallaceF00 [878] | 7 | activity, explanation, CP, resource, CSP, task, order, scheduling | | table constraint | | | deep space | | | | 377 | n/a |
| WangB20 [879] | 8 | unavailability, scheduling, CP, task, resource, job, order, machine, distributed, constraint programming | Fixed Job Scheduling, FJS | AllDiff constraint, WeightAllDiff, alldifferent, MinWeightAllDiff | | Gurobi | aircraft, airport | | github | genetic algorithm | 63 | 926 |
| WangB23 [880] | 8 | unavailability, scheduling, CP, transportation, CSP, task, resource, job, order, constraint programming | Fixed Job Scheduling, FJS | Channeling constraint, WeightAllDiff, alldifferent, MinWeightAllDiff | | Gurobi | crew-scheduling, operating room, aircraft, airport | | random instance, real-world | genetic algorithm, lazy clause generation | 19 | 889 |
| WatsonB08 [884] | 15 | job-shop, resource, order, constraint satisfaction, periodic, scheduling, make-span, job, machine, explanation, constraint programming, completion-time, cmax, CP | | disjunctive | C++ | Ilog Scheduler | | | real-world, benchmark | meta heuristic, simulated annealing | 267 | n/a |
| WatsonBHW99 [883] | 8 | make-span, preemptive, preempt, CP, order, machine, job, scheduling, job-shop, stochastic, precedence, flow-shop | | circuit | | | | | real-world, benchmark | NEH, genetic algorithm | 388 | n/a |
| WessenCS20 [886] | 10 | completion-time, precedence, CP, order, job, constraint programming, scheduling, task, make-span, multi-agent, job-shop | | circuit | | Gecode | robot | | real-world | | 64 | 927 |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WinterMMW22 [889] | 18 | setup-time, task, Pareto, constraint programming, bi-objective, precedence, release-date, completion-time, machine, CP, tardiness, order, distributed, job, scheduling, resource, due-date | parallel machine, PMSP | noOverlap, alternative constraint | | CPO, Gurobi, Cplex | farming | manufacturing industry, agricultural industry | supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner | genetic algorithm, simulated annealing, quadratic programming, large neighborhood search, MIQP, meta heuristic, mat heuristic | 36 | 904 |
| Wolf03 [890] | 15 | machine, job-shop, constraint programming, task, order, preempt, preemptive, completion-time, CP, make-span, activity, resource, job, CLP, scheduling | | cumulative, Disjunctive constraint, disjunctive | Java | | pipeline | | benchmark | genetic algorithm, sweep, not-last, edge-finding, not-first | 351 | n/a |
| Wolf05 [891] | 15 | machine, job-shop, constraint programming, task, order, preempt, preemptive, completion-time, CP, make-span, activity, resource, job, CLP, scheduling, precedence | | cumulative | Java | Ilog Scheduler | | | benchmark | sweep, not-last, edge-finding, not-first | 321 | n/a |
| Wolf09 [895] | 17 | machine, job-shop, constraint programming, task, order, preempt, preemptive, CP, COP, resource, job, explanation, constraint optimization, CLP, scheduling | | WeightedSum, Weighted-TaskSum | Java | CHIP, SICStus, OPL | operating room, patient, surgery | | real-life | sweep, not-last, edge-finding, not-first | 252 | n/a |
| Wolf11 [892] | 17 | inventory, machine, producer/consumer, constraint programming, task, order, preempt, preemptive, CP, activity, transportation, distributed, resource, constraint optimization, CLP, scheduling, sequence dependent setup, setup-time | single machine | cumulative, alternative constraint, Element constraint, Cumulatives constraint | Java | CHIP, OPL | medical, physician, operating room, patient, nurse, surgery | | | ant colony | 224 | n/a |
| WolfS05 [894] | 14 | completion-time, preemptive, activity, task, resource, order, scheduling, distributed, CP, CLP, constraint programming, preempt | | cumulative | | CHIP | | | real-world | sweep, energetic reasoning, not-last | 322 | n/a |
| WolinskiKG04 [896] | 8 | distributed, resource, CSP, precedence, scheduling, machine, CP, order | SCC | Diff2 constraint, cycle | Java | | pipeline | | | | 341 | n/a |
| WuBB05 [897] | 1 | resource, job, release-date, scheduling, stochastic, CP, make-span | | | | Ilog Scheduler | | | benchmark | | 323 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YangSS19 [899] | 10 | constraint programming, preempt, activity, CP, explanation, resource, preemptive, order, scheduling, completion-time, machine, task | | cumulative, disjunctive | Prolog | Choco Solver, OR-Tools, SICStus, Gecode, CHIP, OPL | evacuation, rectangle-packing | | generated instance | energetic reasoning, not-last, edge-finding, lazy clause generation | 83 | n/a |
| YoshikawaKNW94 [901] | 6 | scheduling, order, job, CSP, task | | | | | high school timetabling | | real-world | genetic algorithm, simulated annealing, time-tabling | 431 | n/a |
| YoungFS17 [903] | 10 | preemptive, CP, resource, order, activity, preempt, scheduling, make-span, task, machine, explanation, precedence, constraint programming | psplib, RCPSP, Resource-constrained Project Scheduling Problem | disjunctive, cumulative | | Chuffed, MiniZinc | | | benchmark, github, instance generator | lazy clause generation, column generation, time-tabling, Lagrangian relaxation | 117 | 942 |
| YuraszeckMC23 [906] | 6 | job, order, constraint programming, stochastic, cmax, distributed, preempt, CP, open-shop, scheduling, due-date, make-span, precedence, preemptive, job-shop, flow-time, release-date, machine | OSSP, JSSP | noOverlap | | | | | benchmark, github | meta heuristic, ant colony | 20 | 890 |
| ZampelliVSDR13 [910] | 17 | lateness, transportation, task, setup-time, activity, tardiness, distributed, constraint programming, scheduling, order, preempt, stochastic, CP, completion-time, resource, preemptive | | cycle, cumulative | | SCIP | container terminal | maritime industry | real-world, industrial partner, random instance, industrial instance | meta heuristic, Lagrangian relaxation, large neighborhood search | 192 | n/a |
| ZhangBB22 [921] | 9 | constraint satisfaction, preempt, scheduling, precedence, make-span, task, COP, cmax, CP, machine, lateness, constraint programming, order, completion-time, distributed, one-machine scheduling, job-shop, resource, job | single machine | disjunctive, span constraint, cycle, Disjunctive constraint | Python | OPL, Gurobi, CPO | | | generated instance, benchmark | meta heuristic, large neighborhood search, quadratic programming | 37 | n/a |
| ZhangJZL22 [920] | 6 | resource, transportation, job, constraint programming, precedence, stochastic, setup-time, single-machine scheduling, order, multi-objective, tardiness, scheduling, task, machine, make-span, due-date, flow-shop, completion-time, CP | single machine, parallel machine, HFS | cumulative, noOverlap, endBeforeStart, alternative constraint | | | semiconductor | | benchmark | memetic algorithm, machine learning, meta heuristic, genetic algorithm | 38 | 905 |
| ZhangLS12 [924] | 4 | cmax, CP, constraint programming, order, CSP, constraint satisfaction, scheduling | | | | | | | | ant colony, time-tabling | 206 | n/a |

Table 3: Automatically Extracted PAPER Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zhou96 [926] | 15 | job-shop, due-date, constraint programming, task, order, completion-time, constraint logic programming, precedence, job, CLP, release-date, scheduling, constraint satisfaction, machine | | Disjunctive constraint, disjunctive | Prolog | Z3 | | | | edge-finding | 415 | n/a |
| ZhouGL15 [928] | 5 | distributed, resource, re-scheduling, order, scheduling, completion-time, machine, job, online scheduling, transportation, cmax, tardiness, constraint programming, job-shop, flow-shop, constraint satisfaction, task, stochastic, CSP, setup-time, CP, make-span | HFF, FJS, HFS, parallel machine | cumulative | | Gecode, CHIP, OR-Tools | railway | | real-world | genetic algorithm, meta heuristic, GRASP, particle swarm, NEH | 159 | n/a |
| ZhuS02 [929] | 5 | activity, distributed, resource, CLP, scheduling, constraint programming, constraint logic programming, CP | | | | | meeting scheduling | | | | 365 | n/a |
| ZibranR11 [931] | 4 | CP, constraint programming, order, activity, constraint satisfaction, scheduling | | | Java | Cplex, OPL | | | | simulated annealing, genetic algorithm, meta heuristic | 225 | n/a |
| ZibranR11a [932] | 10 | distributed, activity, CP, order, constraint programming, scheduling, constraint satisfaction, resource | | | | Cplex, OPL | | | | meta heuristic, timetabling, genetic algorithm, simulated annealing | 226 | n/a |

## 2.3 Manually Defined Fields

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| FalqueALM24 FalqueALM24 [291] | Check-In Desk Scheduling Optimisation at CDG International Airport | github, real-world, gitlab, supplementary material | 0 | | | | | 2 | 580 |
| LiLZDZW24 LiLZDZW24 [530] | Learning to Optimize Permutation Flow Shop Scheduling via Graph-Based Imitation Learning | benchmark, github, real-life | 0 | | | | | 3 | 694 |
| AalianPG23 AalianPG23 [1] | Optimization of Short-Term Underground Mine Planning Using Constraint Programming | real-world | 1 | n | | n | | 4 | 446 |
| Bit-Monnot23 Bit-Monnot23 [132] | Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling | benchmark, real-world, github | 1 | y | | y | - | 5 | 509 |
| EfthymiouY23 EfthymiouY23 [267] | Predicting the Optimal Period for Cyclic Hoist Scheduling Problems | generated instance, random instance, industrial instance, benchmark, real-life | 3 | n | | n | - | 7 | 571 |
| IklassovMR023 IklassovMR023 [444] | On the Study of Curriculum Learning for Inferring Dispatching Policies on the Job Shop Scheduling | real-world, benchmark, github | 2 | | | | | 8 | 648 |
| JuvinHHL23 JuvinHHL23 [456] | An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling | github, benchmark, supplementary material | 6 | ref | | y | | 9 | 654 |
| JuvinHL23 JuvinHL23 [458] | Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty | real-world | 0 | ref | | n | - | 10 | 655 |
| KameugneFND23 KameugneFND23 [464] | Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density | benchmark | 5 | BL PSPlib | | n | - | 11 | 658 |
| KimCMLLP23 KimCMLLP23 [476] | Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting | real-world, zenodo, benchmark | 0 | y | | n | - | 12 | 664 |
| Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 [592] | A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability | random instance | 0 | n | | n | - | 13 | 724 |
| PerezGSL23 PerezGSL23 [689] | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports | real-world, generated instance | 0 | n | | n | - | 14 | 761 |
| PovedaAA23 PovedaAA23 [707] | Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars | industrial instance, real-world, github, benchmark, real-life | 4 | y | | y | | 15 | 768 |
| SquillaciPR23 SquillaciPR23 [798] | Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches | github, benchmark | 2 | y | | n | - | 16 | 806 |
| TardivoDFMP23 TardivoDFMP23 [815] | Constraint Propagation on GPU: A Case Study for the Cumulative Constraint | bitbucket, real-world, benchmark, github | 9 | PSPLib BL Pack | | y | - | 17 | 814 |

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 TasselGS23 [817] | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | industrial instance, real-world, github, benchmark, supplementary material | 0 | ref | | y | - | 18 | 816 |
| WangB23 WangB23 [880] | Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling | random instance, real-world | 0 | (y) | | n | [879] | 19 | 848 |
| YuraszeckMC23 YuraszeckMC23 [906] | A competitive constraint programming approach for the group shop scheduling problem | benchmark, github | 0 | ref | | n | - | 20 | 863 |
| ArmstrongGOS22 ArmstrongGOS22 [39] | A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times | real-world, benchmark | 0 | (y) | | - | [38] | 21 | 461 |
| BoudreaultSLQ22 BoudreaultSLQ22 [160] | A Constraint Programming Approach to Ship Refit Project Scheduling | gitlab, github, real-world, supplementary material, benchmark, generated instance, real-life, industrial partner | 9 | | | y | - | 22 | 524 |
| GeitzGSSW22 GeitzGSSW22 [332] | Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches | real-world, real-life, github | 8 | y | | n | - | 23 | 603 |
| JungblutK22 JungblutK22 [453] | Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming | benchmark, real-world, github | 0 | y | | y | - | 25 | 652 |
| KotaryFH22 KotaryFH22 [490] | Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method | github, benchmark | 0 | | | | | 26 | 672 |
| LiFJZLL22 LiFJZLL22 [531] | Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment | benchmark | 0 | ref | | n | - | 27 | 693 |
| LuoB22 LuoB22 [570] | Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem | real-life, industry partner, real-world, generated instance, github, industrial instance | 2 | n | | n | - | 28 | 715 |
| OuelletQ22 OuelletQ22 [672] | A MinCumulative Resource Constraint | github, benchmark, random instance | 1 | y | | y | - | 29 | 754 |
| OujanaAYB22 OujanaAYB22 [673] | Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company | real-world, real-life, industrial instance, benchmark | 0 | n | | n | - | 30 | 755 |
| PopovicCGNC22 PopovicCGNC22 [705] | Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming | | 0 | n | | n | - | 31 | 767 |
| Tassel22 Tassel22 [816] | Adaptive Artificial Intelligence Scheduling Methods for Large-Scale, Stochastic, Industrial Applications | industrial instance, github, real-world, industrial partner, benchmark | 2 | | | | | 33 | 815 |
| Teppan22 Teppan22 [820] | Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment | benchmark, real-life | 0 | ref | | n | - | 34 | 817 |

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| TouatBT22 TouatBT22 [834] | A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints | generated instance, benchmark | 0 | n | | n | - | 35 | 824 |
| WinterMMW22 WinterMMW22 [889] | Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry | supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner | 0 | y | | y | - | 36 | 852 |
| ZhangJZL22 ZhangJZL22 [920] | Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem | benchmark | 0 | ref | | n | - | 38 | 866 |
| AntuoriHHEN21 AntuoriHHEN21 [32] | Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem | gitlab, supplementary material | 1 | y | | y | | 39 | 458 |
| ArmstrongGOS21 ArmstrongGOS21 [38] | The Hybrid Flexible Flowshop with Transportation Times | industry partner, instance generator, zenodo, supplementary material, real-world, industrial partner, benchmark | 1 | y | | y | - | 40 | 460 |
| Astrand0F21 Astrand0F21 [51] | Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS | benchmark, real-world, generated instance, real-life | 0 | ref generated | | n | - | 42 | 466 |
| BenderWS21 BenderWS21 [114] | Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics | | 9 | y | | n | - | 43 | 496 |
| GeibingerKKMMW21 GeibingerKKMMW21 [328 | Physician Scheduling During a Pandemic | real-world | 3 | y | | n | - | 44 | 600 |
| GeibingerMM21 GeibingerMM21 [331] | Constraint Logic Programming for Real-World Test Laboratory Scheduling | real-world, generated instance, github, benchmark, real-life | 0 | y | | | | 45 | 602 |
| HanenKP21 HanenKP21 [387] | Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors | Roadef, generated instance, random instance | 1 | ref | | n | - | 46 | 626 |
| HillTV21 HillTV21 [418] | A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects | real-world | 0 | PSPlib | | n | - | 47 | 637 |
| KlankeBYE21 KlankeBYE21 [479] | Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant | real-life, random instance, benchmark | 0 | n | | n | - | 48 | 666 |
| KovacsTKSG21 KovacsTKSG21 [498] | Utilizing Constraint Optimization for Industrial Machine Workload Balancing | github, real-world, supplementary material, benchmark | 2 | y | | y | - | 50 | 675 |

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| LacknerMMWW21 LacknerMMWW21 [514] | Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem | random instance, supplementary material, benchmark, instance generator, real-life, industrial partner | 3 | y | | y | | 51 | 686 |
| AntuoriHHEN20 AntuoriHHEN20 [31] | Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing | random instance, generated instance, gitlab, benchmark, industrial instance | 4 | | | | | 52 | 457 |
| BarzegaranZP20 BarzegaranZP20 [84] | Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming | | 5 | n | | n | - | 53 | 481 |
| GodetLHS20 GodetLHS20 [345] | Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources | real-life, benchmark, generated instance, github | 0 | JSON | | y | - | 54 | 611 |
| GroleazNS20 GroleazNS20 [365] | Solving the Group Cumulative Scheduling Problem with CPO and ACO | industrial instance, benchmark | 0 | - | | - | [365] | 56 | 619 |
| GroleazNS20a GroleazNS20a [364] | ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint | industrial partner, benchmark | 0 | y | | n | - | 57 | 620 |
| Mercier-AubinGQ20 Mercier-AubinGQ20 [602] | Leveraging Constraint Scheduling: A Case Study to the Textile Industry | industrial partner, industrial instance | 1 | a | | a | - | 59 | 726 |
| NattafM20 NattafM20 [645] | Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem | industrial instance, benchmark | 7 | - | | - | [582] | 60 | 744 |
| TangB20 TangB20 [813] | CP and Hybrid Models for Two-Stage Batching and Scheduling | real-world | 0 | n | | n | - | 61 | 813 |
| ThomasKS20 ThomasKS20 [827] | Insertion Sequence Variables for Hybrid Routing and Scheduling Problems | benchmark, bitbucket, CSPlib, generated instance | 3 | | | | | 62 | 821 |
| WangB20 WangB20 [879] | Global Propagation of Transition Cost for Fixed Job Scheduling | github | 0 | y | | n | - | 63 | 847 |
| WessenCS20 WessenCS20 [886] | Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization | real-world | 10 | n | | n | - | 64 | 851 |
| BadicaBIL19 BadicaBIL19 [56] | Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming | github | 0 | dead | | dead | - | 65 | 468 |
| BehrensLM19 BehrensLM19 [105] | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | github, real-world | 0 | y | | y | - | 66 | 491 |
| BogaerdtW19 BogaerdtW19 [857] | Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams | benchmark | 4 | n | | n | - | 68 | 515 |
| ColT19 ColT19 [218] | Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers | benchmark, github, real-world | 2 | y | | y | - | 69 | 551 |

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| FrimodigS19 FrimodigS19 [312] | Models for Radiation Therapy Patient Scheduling | benchmark, real-world | 1 | n | | n | - | 70 | 590 |
| GalleguillosKSB19 GalleguillosKSB19 [317] | Constraint Programming-Based Job Dispatching for Modern HPC Applications | | 5 | | | y | | 72 | 594 |
| MurinR19 MurinR19 [623] | Scheduling of Mobile Robots Using Constraint Programming | github, benchmark, real-life | 3 | y | | y | | 78 | 737 |
| SenderovichBB19 SenderovichBB19 [777] | Learning Scheduling Models from Event Data | github, benchmark, real-world | 0 | | | | | 81 | 796 |
| BenediktSMVH18 BenediktSMVH18 [117] | Energy-Aware Production Scheduling with Power-Saving Modes | generated instance, github, random instance | 1 | y | | y | - | 88 | 497 |
| CappartTSR18 CappartTSR18 [180] | A Constraint Programming Approach for Solving Patient Transportation Problems | bitbucket, real-life, CSPlib | 1 | | | | | 89 | 532 |
| He0GLW18 He0GLW18 [395] | A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing | real-world, bitbucket | 8 | y | | y | - | 91 | 627 |
| CappartS17 CappartS17 [179] | Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables | bitbucket, real-life, random instance | 1 | y | | n | - | 105 | 531 |
| GoldwaserS17 GoldwaserS17 [350] | Optimal Torpedo Scheduling | github, instance generator, generated instance | 4 | y | | n | - | 109 | 613 |
| LiuCGM17 LiuCGM17 [546] | NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities | github | 11 | n | | | - | 112 | 702 |
| YoungFS17 YoungFS17 [903] | Constraint Programming Applied to the Multi-Skill Project Scheduling Problem | benchmark, github, instance generator | 6 | | | | | 117 | 862 |
| AmadiniGM16 AmadiniGM16 [27] | Parallelizing Constraint Solvers for Hard RCPSP Instances | real-life, benchmark, github | 3 | | | | | 118 | 454 |
| BonfiettiZLM16 BonfiettiZLM16 [153] | The Multirate Resource Constraint | generated instance, github, industrial instance, benchmark, real-world | 1 | | | | | 119 | 521 |
| CauwelaertDMS16 CauwelaertDMS16 [194] | Efficient Filtering for the Unary Resource with Family-Based Transition Times | real-life, bitbucket, benchmark | 2 | | | | | 123 | 537 |
| CauwelaertLS15 CauwelaertLS15 [195] | Understanding the Potential of Propagators | benchmark, bitbucket | 0 | | | | | 142 | 538 |
| DejemeppeCS15 DejemeppeCS15 [239] | The Unary Resource with Transition Times | bitbucket, real-world, generated instance, benchmark | 4 | | | | | 143 | 557 |
| GayHLS15 GayHLS15 [322] | Conflict Ordering Search for Scheduling Problems | bitbucket, benchmark | 0 | | | | | 145 | 596 |
| GayHS15 GayHS15 [323] | Simple and Scalable Time-Table Filtering for the Cumulative Constraint | bitbucket | 2 | | | | | 146 | 597 |
| GayHS15a GayHS15a [324] | Time-Table Disjunctive Reasoning for the Cumulative Constraint | real-world, benchmark, bitbucket | 0 | | | | | 147 | 598 |
| SialaAH15 SialaAH15 [785] | Two Clause Learning Approaches for Disjunctive Scheduling | github, benchmark | 5 | | | | | 157 | 798 |

Table 4: Manually Defined PAPER Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| DejemeppeD14 DejemeppeD14 [240] | Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling | bitbucket | 0 | | | | | 166 | 558 |
| HoundjiSWD14 HoundjiSWD14 [439] | The StockingCost Constraint | bitbucket, generated instance | 0 | | | | | 172 | 645 |
| CireCH13 CireCH13 [209] | Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling | | 1 | dead | | n | - | 180 | 547 |
| GuSS13 GuSS13 [368] | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | benchmark | 1 | dead | | | - | 181 | 622 |
| KelarevaTK13 KelarevaTK13 [469] | CP Methods for Scheduling and Routing with Time-Dependent Task Costs | real-world | 5 | ref | | - | - | 184 | 660 |
| LetortCB13 LetortCB13 [527] | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | benchmark, random instance, Roadef | 2 | PSPlib | | - | - | 185 | 692 |
| SchuttFS13a SchuttFS13a [767] | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | benchmark | 5 | PSPlib AT BL Pack KSD15D PackD | | - | - | 190 | 791 |
| SimoninAHL12 SimoninAHL12 [786] | Scheduling Scientific Experiments on the Rosetta/Philae Mission | | 0 | n | | n | - | 204 | 799 |

# 3 Journal Articles

## 3.1 Articles from bibtex

Table 5: ARTICLE (Total 389)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ForbesHJST24 ForbesHJST24 | M. Forbes, M. Harris, H. Jansen, F. van der Schoot, T. Taimre | Combining optimisation and simulation using logic-based Benders decomposition | Yes | [303] | 2024 | European Journal of Operational Research | 15 | 0 0 0 | 26 37 | 1449 | 1684 |
| LuZZYW24 LuZZYW24 | X. Lu, Y. Zhang, L. Zheng, C. Yang, J. Wang | Integrated Inbound and Outbound Scheduling for Coal Port: Constraint Programming and Adaptive Local Search | Yes | [564] | 2024 | Journal of Marine Science and Engineering | 36 | 0 0 0 | 0 57 | 1536 | n/a |
| PrataAN23 PrataAN23 | B. A. Prata, L. R. Abreu, M. S. Nagano | Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis | Yes | [710] | 2024 | Results in Control and Optimization | 17 | 0 0 0 | 0 149 | 1595 | 1685 |
| abs-2402-00459 abs-2402-00459 | S. Nguyen, D. R. Thiruvady, Y. Sun, M. Zhang | Genetic-based Constraint Programming for Resource Constrained Job Scheduling | Yes | [647] | 2024 | CoRR | 21 | 0 0 0 | 0 0 | 1683 | 1686 |
| AbreuNP23 AbreuNP23 | L. R. de Abreu, M. S. Nagano, B. A. Prata | A new two-stage constraint programming approach for open shop scheduling problem with machine blocking | Yes | [234] | 2023 | International Journal of Production Research | 20 | 1 2 0 | 47 54 | 1352 | 1687 |
| AbreuPNF23 AbreuPNF23 | L. R. Abreu, B. A. Prata, M. S. Nagano, J. M. Framinan | A constraint programming-based iterated greedy algorithm for the open shop with sequence-dependent processing times and makespan minimization | Yes | [5] | 2023 | Computers Operations Research | 12 | 0 3 3 | 46 68 | 1353 | n/a |
| Adelgren2023 Adelgren2023 | N. Adelgren, C. T. Maravelias | On the utility of production scheduling formulations including record keeping variables | Yes | [11] | 2023 | Computers Industrial Engineering | 12 | 0 1 1 | 43 52 | 1354 | 1688 |
| AfsarVPG23 AfsarVPG23 | S. Afsar, C. R. Vela, J. J. Palacios, I. González-Rodríguez | Mathematical models and benchmarking for the fuzzy job shop scheduling problem | Yes | [12] | 2023 | Computers Industrial Engineering | 14 | 0 0 0 | 50 66 | 1355 | 1689 |
| AkramNHRSA23 AkramNHRSA23 | B. O. Akram, N. K. Noordin, F. Hashim, M. F. A. Rasid, M. I. Salman, A. M. Abdulghani | Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming | Yes | [19] | 2023 | IEEE Access | 16 | 0 0 0 | 0 37 | 1357 | 1690 |
| AlakaP23 AlakaP23 | H. M. Alakaş, M. Pınarbaşı | Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models | Yes | [22] | 2023 | Soft Computing | 14 | 0 0 0 | 35 42 | 1359 | n/a |
| AlfieriGPS23 AlfieriGPS23 | A. Alfieri, M. Garraffa, E. Pastore, F. Salassa | Permutation flowshop problems minimizing core waiting time and core idle time | Yes | [25] | 2023 | Computers Industrial Engineering | 13 | 0 2 3 | 37 45 | 1362 | n/a |
| Caballero23 Caballero23 | J. C. Caballero | Scheduling through logic-based tools | Yes | [175] | 2023 | Constraints An Int. J. | 1 | 0 0 0 | 0 0 | 1414 | 1691 |
| CzerniachowskaWZ23 CzerniachowskaWZ23 | K. Czerniachowska, R. Wichniarek, K. Żywicki | Constraint Programming for Flexible Flow Shop Scheduling Problem with Repeated Jobs and Repeated Operations | Yes | [222] | 2023 | Advances in Science and Technology Research Journal | 14 | 0 0 0 | 0 0 | 1427 | n/a |
| FahimiQ23 FahimiQ23 | H. Fahimi, C.-G. Quimper | Overload-Checking and Edge-Finding for Robust Cumulative Scheduling | No | [288] | 2023 | INFORMS Journal on Computing | 20 | 0 0 0 | 16 21 | No | n/a |
| Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 | S. Fatemi-Anaraki, R. Tavakkoli-Moghaddam, M. Foumani, B. Vahedi-Nouri | Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches | Yes | [294] | 2023 | Omega | 15 | 7 14 16 | 60 66 | 1447 | 1692 |
| FrimodigECM23 FrimodigECM23 | S. Frimodig, P. Enqvist, M. Carlsson, C. Mercier | Comparing Optimization Methods for Radiation Therapy Patient Scheduling using Different Objectives | Yes | [311] | 2023 | Oper. Res. Forum | 38 | 0 0 0 | 0 56 | 1450 | n/a |
| GhasemiMH23 GhasemiMH23 | S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid | Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method | No | [339] | 2023 | International Journal of Systems Science: Operations Logistics | null | 0 0 1 | 104 130 | No | n/a |
| GokPTGO23 GokPTGO23 | Y. S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk | Constraint-based robust planning and scheduling of airport apron operations through simheuristics | Yes | [348] | 2023 | Annals of Operations Research | 36 | 0 0 0 | 0 0 | 1456 | 1693 |

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| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GunerGSKD23 GunerGSKD23 | F. Güner, A. K. Görür, B. Satır, L. Kandiller, J. H. Drake | A constraint programming approach to a real-world workforce scheduling problem for multi-manned assembly lines with sequence-dependent setup times | No | [371] | 2023 | International Journal of Production Research | 18 | 0 3 0 | 43 46 | No | n/a |
| GuoZ23 GuoZ23 | P. Guo, J. Zhu | Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut | Yes | [373] | 2023 | European Journal of Operational Research | 29 | 0 1 1 | 112 145 | 1464 | 1694 |
| GurPAE23 GurPAE23 | S. Gür, M. Pinarbasi, H. M. Alakas, T. Eren | Operating room scheduling with surgical team: a new approach with constraint programming and goal programming | Yes | [374] | 2023 | Central Eur. J. Oper. Res. | 25 | 1 5 3 | 40 46 | 1466 | 1695 |
| IsikYA23 IsikYA23 | E. E. Isik, S. T. Yildiz, Özge S. Akpunar | Constraint programming models for the hybrid flow shop scheduling problem and its extensions | Yes | [445] | 2023 | Soft Computing | 28 | 0 2 2 | 127 141 | 1496 | 1696 |
| JuvinHL23a JuvinHL23a | C. Juvin, L. Houssin, P. Lopez | Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem | Yes | [459] | 2023 | Computers Operations Research | 17 | 0 3 4 | 40 53 | 1502 | n/a |
| LacknerMMWW23 LacknerMMWW23 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Exact methods for the Oven Scheduling Problem | Yes | [515] | 2023 | Constraints An Int. J. | 42 | 0 1 0 | 32 38 | 1521 | 1697 |
| MarliereSPR23 MarliereSPR23 | G. Marlière, S. Sobieraj Richard, P. Pellegrini, J. Rodriguez | A conditional time-intervals formulation of the real-time Railway Traffic Management Problem | Yes | [587] | 2023 | Control Engineering Practice | 22 | 1 3 4 | 75 101 | 1541 | n/a |
| MontemanniD23 MontemanniD23 | R. Montemanni, M. Dell'Amico | Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming | Yes | [617] | 2023 | Algorithms | 13 | 2 7 8 | 18 21 | 1556 | 1698 |
| MontemanniD23a MontemanniD23a | R. Montemanni, M. Dell'Amico | Constraint programming models for the parallel drone scheduling vehicle routing problem | Yes | [616] | 2023 | EURO J. Comput. Optim. | 20 | 0 1 1 | 14 19 | 1557 | 1699 |
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| NaderiBZR23 NaderiBZR23 | B. Naderi, M. A. Begen, G. S. Zaric, V. Roshanaei | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | Yes | [632] | 2023 | Omega | 15 | 4 6 6 | 64 80 | 1562 | 1700 |
| NaderiRR23 NaderiRR23 | B. Naderi, R. Ruiz, V. Roshanaei | Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook | Yes | [637] | 2023 | INFORMS Journal on Computing | 27 | 2 7 7 | 50 55 | 1563 | 1701 |
| NouriMHD23 NouriMHD23 | B. Vahedi-Nouri, R. Tavakkoli-Moghaddam, Z. Hanzálek, A. Dolgui | Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration | No | [852] | 2023 | International Journal of Production Research | 17 | 2 6 5 | 44 49 | No | n/a |
| PenzDN23 PenzDN23 | L. Penz, S. Dauzère-Pérès, M. Nattaf | Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations | Yes | [688] | 2023 | Computers Operations Research | 13 | 0 3 1 | 34 36 | 1589 | n/a |
| ShaikhK23 ShaikhK23 | A. A. Shaikh, A. A. Khan | Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems | Yes | [779] | 2023 | Int. J. Electron. Secur. Digit. Forensics | 12 | 0 0 0 | 0 0 | 1621 | 1702 |
| WessenCSFPM23 WessenCSFPM23 | J. Wessén, M. Carlsson, C. Schulte, P. Flener, F. Pecora, M. Matskin | A constraint programming model for the scheduling and workspace layout design of a dual-arm multi-tool assembly robot | Yes | [887] | 2023 | Constraints An Int. J. | 34 | 0 0 0 | 38 50 | 1653 | 1703 |
| YuraszeckMCCR23 YuraszeckMCCR23 | F. Yuraszeck, E. Montero, D. Canut-de-Bon, N. Cuneo, M. Rojel | A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem | Yes | [908] | 2023 | IEEE Access | 11 | 0 0 0 | 0 29 | 1658 | 1704 |
| ZhuSZW23 ZhuSZW23 | X. Zhu, J. Son, X. Zhang, J. Wu | Constraint programming and logic-based Benders decomposition for the integrated process planning and scheduling problem | Yes | [930] | 2023 | Omega | 22 | 1 1 1 | 36 50 | 1670 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-2305-19888 abs-2305-19888 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | Yes | [408] | 2023 | CoRR | 42 | 0 0 0 | 0 0 | 1680 | 1705 |
| abs-2306-05747 abs-2306-05747 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [818] | 2023 | CoRR | 9 | 0 0 0 | 0 0 | 1681 | 1706 |
| abs-2312-13682 abs-2312-13682 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended | Yes | [690] | 2023 | CoRR | 20 | 0 0 0 | 0 0 | 1682 | 1707 |
| AbreuN22 AbreuN22 | L. R. de Abreu, M. S. Nagano | A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times | Yes | [233] | 2022 | Computers Industrial Engineering | 20 | 10 14 13 | 56 74 | 1351 | 1708 |
| AwadMDMT22 AwadMDMT22 | M. Awad, K. Mulrennan, J. Donovan, R. Macpherson, D. Tormey | A constraint programming model for makespan minimisation in batch manufacturing pharmaceutical facilities | Yes | [54] | 2022 | Computers Chemical Engineering | 22 | 3 6 6 | 41 53 | 1370 | n/a |
| BourreauGGLT22 BourreauGGLT22 | E. Bourreau, T. Garaix, M. Gondran, P. Lacomme, N. Tchernev | A constraint-programming based decomposition method for the Generalised Workforce Scheduling and Routing Problem (GWSRP) | Yes | [162] | 2022 | International Journal of Production Research | 19 | 4 6 6 | 44 50 | 1409 | n/a |
| BulckG22 BulckG22 | D. V. Bulck, D. Goossens | Optimizing rest times and differences in games played: an iterative two-phase approach | Yes | [855] | 2022 | Journal of Scheduling | 11 | 2 3 3 | 19 22 | 1413 | n/a |
| CampeauG22 CampeauG22 | L.-P. Campeau, M. Gamache | Short- and medium-term optimization of underground mine planning using constraint programming | Yes | [178] | 2022 | Constraints An Int. J. | 18 | 0 0 1 | 22 26 | 1415 | 1709 |
| CilKLO22 CilKLO22 | Z. A. Cil, D. Kizilay, Z. Li, H. Öztop | Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm | No | [208] | 2022 | Expert Systems with Applications | 1 | 5 11 10 | 44 52 | No | n/a |
| ColT22 ColT22 | G. D. Col, E. C. Teppan | Industrial-size job shop scheduling with constraint programming | Yes | [224] | 2022 | Operations Research Perspectives | 19 | 3 8 13 | 55 99 | 1425 | 1710 |
| ElciOH22 ElciOH22 | Özgün Elçi, J. N. Hooker | Stochastic Planning and Scheduling with Logic-Based Benders Decomposition | Yes | [268] | 2022 | INFORMS Journal on Computing | 15 | 2 4 6 | 34 36 | 1435 | n/a |
| EmdeZD22 EmdeZD22 | S. Emde, S. Zehtabian, Y. Disser | Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition | Yes | [274] | 2022 | Annals of Operations Research | 30 | 0 0 0 | 52 59 | 1436 | 1711 |
| EtminaniesfahaniGNMS22 Etminaniesfahani-GNMS22 | A. Etminaniesfahani, H. Gu, L. M. Naeni, A. Salehipour | A Forward–Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem | Yes | [282] | 2022 | SN Computer Science | 10 | 0 1 2 | 57 66 | 1439 | n/a |
| FarsiTM22 FarsiTM22 | A. Farsi, S. A. Torabi, M. Mokhtarzadeh | Integrated surgery scheduling by constraint programming and meta-heuristics | Yes | [293] | 2022 | International Journal of Management Science and Engineering Management | 14 | 5 5 8 | 47 50 | 1446 | 1712 |
| FetgoD22 FetgoD22 | S. B. Fetgo, C. T. Djamégni | Horizontally Elastic Edge-Finder Algorithm for Cumulative Resource Constraint Revisited | Yes | [298] | 2022 | Oper. Res. Forum | 32 | 0 0 1 | 20 29 | 1448 | n/a |
| GhandehariK22 GhandehariK22 | N. Ghandehari, K. Kianfar | Mixed-integer linear programming, constraint programming and column generation approaches for operating room planning under block strategy | No | [338] | 2022 | APPLIED MATHEMATICAL MODELLING | 16 | 4 4 4 | 46 55 | No | n/a |
| HeinzNVH22 HeinzNVH22 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | Yes | [407] | 2022 | Computers Industrial Engineering | 16 | 5 7 8 | 25 31 | 1482 | 1713 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| HillBCGN22 HillBCGN22 | A. Hill, A. J. Brickey, I. Cipriano, M. Goycoolea, A. Newman | Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining | No | [417] | 2022 | INFORMS Journal on Computing | 17 | 0 2 2 | 53 58 | No | n/a |
| JuvinHL22 JuvinHL22 | C. Juvin, L. Houssin, P. Lopez | Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem | Yes | [457] | 2022 | SSRN Electronic Journal | 32 | 0 0 0 | 29 40 | 1501 | n/a |
| MartnezAJ22 MartnezAJ22 | K. P. Martínez, Y. Adulyasak, R. Jans | Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems | No | [590] | 2022 | INFORMS Journal on Computing | 15 | 1 2 2 | 29 29 | No | n/a |
| MengGRZSC22 MengGRZSC22 | L. Meng, K. Gao, Y. Ren, B. Zhang, H. Sang, Z. Chaoyong | Novel MILP and CP models for distributed hybrid flowshop scheduling problem with sequence-dependent setup times | Yes | [597] | 2022 | Swarm and Evolutionary Computation | 13 | 38 56 62 | 37 42 | 1547 | n/a |
| MullerMKP22 MullerMKP22 | D. Müller, M. G. Müller, D. Kress, E. Pesch | An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning | Yes | [622] | 2022 | European Journal of Operational Research | 18 | 17 19 20 | 59 93 | 1558 | 1714 |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |
| NaderiBZ22a NaderiBZ22a | B. Naderi, M. A. Begen, G. S. Zaric | Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms | Yes | [631] | 2022 | Computers Operations Research | 19 | 3 4 4 | 44 54 | 1560 | n/a |
| NaderiR22 NaderiR22 | B. Naderi, V. Roshanaei | Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling | No | [635] | 2022 | INFORMS Journal on Optimization | 28 | 5 7 0 | 49 52 | No | n/a |
| NaqviAIAAA22 NaqviAIAAA22 | S. R. Naqvi, A. Ahmad, S. M. R. Islam, T. Akram, M. Abdullah-Al-Wadud, A. Alamri | Towards Prevention of Sportsmen Burnout: Formal Analysis of Sub-Optimal Tournament Scheduling | Yes | [638] | 2022 | CMC-COMPUTERS MATERIALS CONTINUA | 18 | 0 0 0 | 22 26 | 1564 | n/a |
| OrnekOS20 OrnekOS20 | A. Örnek, C. Öztürk, I. Sugut | Integer and constraint programming model formulations for flight-gate assignment problem | Yes | [669] | 2022 | Operational Research | 29 | 0 0 0 | 0 0 | 1580 | n/a |
| PohlAK22 PohlAK22 | M. Pohl, C. Artigues, R. Kolisch | Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach | Yes | [702] | 2022 | European Journal of Operational Research | 16 | 4 4 4 | 31 44 | 1592 | n/a |
| ShiYXQ22 ShiYXQ22 | G. Shi, Z. Yang, Y. Xu, Y. Quan | Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach | No | [781] | 2022 | International Journal of Production Research | 18 | 2 3 3 | 45 53 | No | n/a |
| SubulanC22 SubulanC22 | K. Subulan, G. Çakir | Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem | Yes | [801] | 2022 | Soft Computing | 38 | 5 7 7 | 86 107 | 1629 | n/a |
| YunusogluY22 YunusogluY22 | P. Yunusoglu, S. T. Yildiz | Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times | Yes | [905] | 2022 | International Journal of Production Research | 18 | 20 36 40 | 58 64 | 1657 | 1715 |
| YuraszeckMPV22 YuraszeckMPV22 | F. Yuraszeck, G. Mejía, J. Pereira, M. Vilà | A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem | Yes | [907] | 2022 | Mathematics | 26 | 6 9 9 | 29 37 | 1659 | 1716 |
| abs-2211-14492 abs-2211-14492 | Y. Sun, S. Nguyen, D. R. Thiruvady, X. Li, A. T. Ernst, U. Aickelin | Enhancing Constraint Programming via Supervised Learning for Job Shop Scheduling | Yes | [804] | 2022 | CoRR | 17 | 0 0 0 | 0 0 | 1679 | n/a |
| AbohashimaEG21 AbohashimaEG21 | H. Abohashima, A. B. Eltawil, M. S. Gheith | A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints | Yes | [4] | 2021 | IEEE Access | 14 | 1 3 3 | 25 27 | 1349 | 1717 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| AbreuAPNM21 AbreuAPNM21 | L. R. de Abreu, K. A. G. Araújo, B. de A. Prata, M. S. Nagano, J. V. Moccellin | A new variable neighbourhood search with a constraint programming search strategy for the open shop scheduling problem with operation repetitions | Yes | [232] | 2021 | Engineering Optimization | 20 | 5 4 7 | 50 58 | 1350 | n/a |
| Alaka21 Alaka21 | H. M. Alakaş | General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models | Yes | [21] | 2021 | Soft Computing | 11 | 7 9 9 | 20 27 | 1358 | n/a |
| Bedhief21 Bedhief21 | A. O. Bedhief | Comparing Mixed-Integer Programming and Constraint Programming Models for the Hybrid Flow Shop Scheduling Problem with Dedicated Machines | Yes | [103] | 2021 | Journal Européen des Systèmes Automatisés | 7 | 0 0 2 | 0 0 | 1390 | n/a |
| CarlierSJP21 CarlierSJP21 | J. Carlier, A. Sahli, A. Jouglet, E. Pinson | A faster checker of the energetic reasoning for the cumulative scheduling problem | No | [188] | 2021 | International Journal of Production Research | 16 | 3 6 4 | 26 29 | No | n/a |
| Edis21 Edis21 | E. B. Edis | Constraint programming approaches to disassembly line balancing problem with sequencing decisions | Yes | [263] | 2021 | Computers Operations Research | 20 | 13 19 20 | 48 53 | 1434 | n/a |
| FanXG21 FanXG21 | H. Fan, H. Xiong, M. Goh | Genetic programming-based hyper-heuristic approach for solving dynamic job shop scheduling problem with extended technical precedence constraints | Yes | [292] | 2021 | Computers Operations Research | 15 | 18 27 30 | 57 68 | 1445 | n/a |
| HamP21 HamP21 | A. Ham, M.-J. Park | Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study | Yes | [381] | 2021 | IEEE Robotics and Automation Letters | 8 | 13 16 17 | 26 30 | 1474 | 1718 |
| HamPK21 HamPK21 | A. Ham, M.-J. Park, K. M. Kim | Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming | Yes | [382] | 2021 | Mathematical Problems in Engineering | 12 | 6 9 11 | 46 51 | 1475 | 1719 |
| HubnerGSV21 HubnerGSV21 | F. Hübner, P. Gerhards, C. Stürck, R. Volk | Solving the nuclear dismantling project scheduling problem by combining mixed-integer and constraint programming techniques and metaheuristics | Yes | [440] | 2021 | Journal of Scheduling | 22 | 0 2 1 | 37 46 | 1495 | n/a |
| KoehlerBFFHPSSS21 KoehlerBFFHPSSS21 | J. Koehler, J. Bürgler, U. Fontana, E. Fux, F. A. Herzog, M. Pouly, S. Saller, A. Salyaeva, P. Scheiblechner, K. Waelti | Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints | Yes | [483] | 2021 | Constraints An Int. J. | 51 | 2 3 2 | 52 66 | 1508 | 1720 |
| MengLZB21 MengLZB21 | L. Meng, C. Lu, B. Zhang, Y. Ren, C. Lv, H. Sang, J. Li, C. Zhang | Constraint programing for solving four complex flexible shop scheduling problems | Yes | [598] | 2021 | IET Collaborative Intelligent Manufacturing | 14 | 5 8 8 | 39 44 | 1548 | n/a |
| NaderiRBAU21 NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | No | [636] | 2021 | Production and Operations Management | 28 | 22 23 23 | 61 66 | No | n/a |
| PandeyS21a PandeyS21a | V. Pandey, P. Saini | Constraint programming versus heuristic approach to MapReduce scheduling problem in Hadoop YARN for energy minimization | Yes | [680] | 2021 | J. Supercomput. | 29 | 3 3 3 | 32 41 | 1585 | n/a |
| Pinarbasi21 Pinarbasi21 | M. Pınarbaşı | New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions | No | [714] | 2021 | Engineering Optimization | 16 | 3 6 0 | 46 50 | No | n/a |
| QinWSLS21 QinWSLS21 | M. Qin, R. Wang, Z. Shi, L. Liu, L. Shi | A Genetic Programming-Based Scheduling Approach for Hybrid Flow Shop With a Batch Processor and Waiting Time Constraint | Yes | [716] | 2021 | IEEE Trans Autom. Sci. Eng. | 12 | 12 19 0 | 30 30 | 1598 | n/a |
| RabbaniMM21 RabbaniMM21 | M. Rabbani, M. Mokhtarzadeh, N. Manavizadeh | A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems | No | [721] | 2021 | International Journal of Management Science and Engineering Management | 11 | 4 4 9 | 44 46 | No | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| RoshanaeiN21 RoshanaeiN21 | V. Roshanaei, B. Naderi | Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut | Yes | [745] | 2021 | European Journal of Operational Research | 14 | 15 15 15 | 44 51 | 1608 | n/a |
| VlkHT21 VlkHT21 | M. Vlk, Z. Hanzálek, S. Tang | Constraint programming approaches to joint routing and scheduling in time-sensitive networks | Yes | [873] | 2021 | Computers Industrial Engineering | 14 | 7 18 20 | 22 36 | 1648 | 1721 |
| ZhangYW21 ZhangYW21 | L. Zhang, C. Yu, T. N. Wong | A graph-based constraint programming approach for the integrated process planning and scheduling problem | Yes | [922] | 2021 | Computers Operations Research | 10 | 6 7 8 | 35 41 | 1668 | n/a |
| abs-2102-08778 abs-2102-08778 | G. D. Col, E. Teppan | Large-Scale Benchmarks for the Job Shop Scheduling Problem | Yes | [217] | 2021 | CoRR | 10 | 0 0 0 | 0 0 | 1678 | n/a |
| AbidinK20 AbidinK20 | Z. A. Cil, D. Kizilay | Constraint programming model for multi-manned assembly line balancing problem | No | [3] | 2020 | Computers Operations Research | 1 | 11 14 0 | 27 35 | No | n/a |
| AlizdehS20 AlizdehS20 | S. Alizdeh, S. Saeidi | Fuzzy project scheduling with critical path including risk and resource constraints using linear programming | No | [26] | 2020 | Int. J. Adv. Intell. Paradigms | 14 | 1 1 3 | 0 0 | No | n/a |
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AstrandJZ20 AstrandJZ20 | M. Åstrand, M. Johansson, A. Zanarini | Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search | Yes | [53] | 2020 | Computers Operations Research | 13 | 16 19 19 | 24 53 | 1369 | n/a |
| BadicaBI20 BadicaBI20 | A. Badica, C. Badica, M. Ivanovic | Block structured scheduling using constraint logic programming | Yes | [55] | 2020 | AI Commun. | 17 | 2 4 4 | 28 31 | 1371 | n/a |
| BalochG20 BalochG20 | G. Baloch, F. Gzara | Strategic Network Design for Parcel Delivery with Drones Under Competition | No | [61] | 2020 | Transportation Science | 25 | 25 32 33 | 46 52 | No | n/a |
| BenediktMH20 BenediktMH20 | O. Benedikt, I. Módos, Z. Hanzálek | Power of pre-processing: production scheduling with variable energy pricing and power-saving states | Yes | [116] | 2020 | Constraints An Int. J. | 19 | 1 2 2 | 18 18 | 1395 | 1722 |
| CarlierPSJ20 CarlierPSJ20 | J. Carlier, E. Pinson, A. Sahli, A. Jouglet | An O(n2) algorithm for time-bound adjustments for the cumulative scheduling problem | Yes | [187] | 2020 | European Journal of Operational Research | 9 | 6 7 8 | 10 19 | 1417 | n/a |
| CauwelaertDS20 CauwelaertDS20 | S. V. Cauwelaert, C. Dejemeppe, P. Schaus | An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities | Yes | [197] | 2020 | Journal of Scheduling | 19 | 2 2 2 | 21 36 | 1418 | 1723 |
| FachiniA20 FachiniA20 | R. F. Fachini, V. A. Armentano | Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows | Yes | [285] | 2020 | Computers Industrial Engineering | 18 | 25 26 35 | 55 68 | 1441 | 1724 |
| FallahiAC20 FallahiAC20 | A. E. Fallahi, E. Y. Anass, M. Cherkaoui | Tabu search and constraint programming-based approach for a real scheduling and routing problem | Yes | [290] | 2020 | International Journal of Applied Management Science | 18 | 0 0 0 | 0 0 | 1444 | 1725 |
| GuoHLW20 GuoHLW20 | P. Guo, X. He, Y. Luan, Y. Wang | Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail–road container terminal | No | [372] | 2020 | Engineering Optimization | 21 | 8 10 8 | 31 34 | No | n/a |
| Ham20 Ham20 | A. Ham | Transfer-robot task scheduling in job shop | No | [379] | 2020 | International Journal of Production Research | 11 | 15 19 37 | 27 41 | No | n/a |
| Ham20a Ham20a | A. Ham | Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center | Yes | [378] | 2020 | IEEE Transactions on Automation Science and Engineering | 9 | 15 19 19 | 27 41 | 1471 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| HauderBRPA20 HauderBRPA20 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | Resource-constrained multi-project scheduling with activity and time flexibility | Yes | [394] | 2020 | Computers Industrial Engineering | 14 | 14 19 27 | 46 56 | 1479 | 1726 |
| KizilayC20 KizilayC20 | D. Kizilay, Z. A. Cil | Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations | No | [478] | 2020 | Engineering Optimization | 16 | 11 12 14 | 38 39 | No | n/a |
| LunardiBLRV20 LunardiBLRV20 | W. T. Lunardi, E. G. Birgin, P. Laborie, D. P. Ronconi, H. Voos | Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem | Yes | [567] | 2020 | Computers Operations Research | 20 | 30 36 39 | 18 24 | 1537 | 1727 |
| MejiaY20 MejiaY20 | G. Mejía, F. Yuraszeck | A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times | Yes | [593] | 2020 | European Journal of Operational Research | 13 | 24 29 34 | 45 50 | 1544 | 1728 |
| MengZRZL20 MengZRZL20 | L. Meng, C. Zhang, Y. Ren, B. Zhang, C. Lv | Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem | Yes | [599] | 2020 | Computers Industrial Engineering | 13 | 100 133 152 | 62 69 | 1549 | 1729 |
| MokhtarzadehTNF20 MokhtarzadehTNF20 | M. Mokhtarzadeh, R. Tavakkoli-Moghaddam, B. V. Nouri, A. Farsi | Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach | Yes | [613] | 2020 | Int. J. Comput. Integr. Manuf. | 14 | 25 29 30 | 32 34 | 1555 | n/a |
| PinarbasiA20 PinarbasiA20 | M. Pınarbaşı, H. M. Alakaş | Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models | No | [715] | 2020 | Engineering Optimization | 18 | 7 9 11 | 32 36 | No | n/a |
| Polo-MejiaALB20 Polo-MejiaALB20 | O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini | Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility | Yes | [704] | 2020 | International Journal of Production Research | 18 | 8 10 11 | 23 36 | 1593 | 1730 |
| QinDCS20 QinDCS20 | T. Qin, Y. Du, J. H. Chen, M. Sha | Combining mixed integer programming and constraint programming to solve the integrated scheduling problem of container handling operations of a single vessel | Yes | [717] | 2020 | European Journal of Operational Research | 18 | 27 30 31 | 30 35 | 1596 | n/a |
| RoshanaeiBAUB20 RoshanaeiBAUB20 | V. Roshanaei, K. E. C. Booth, D. M. Aleman, D. R. Urbach, J. C. Beck | Branch-and-check methods for multi-level operating room planning and scheduling | Yes | [742] | 2020 | International Journal of Production Economics | 19 | 24 29 29 | 43 56 | 1606 | n/a |
| SacramentoSP20 SacramentoSP20 | D. Sacramento, C. Solnon, D. Pisinger | Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports | Yes | [751] | 2020 | Oper. Res. Forum | 33 | 2 4 5 | 38 46 | 1610 | 1731 |
| WallaceY20 WallaceY20 | M. G. Wallace, N. Yorke-Smith | A new constraint programming model and solving for the cyclic hoist scheduling problem | Yes | [877] | 2020 | Constraints An Int. J. | 19 | 5 6 5 | 18 23 | 1650 | 1732 |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| ZouZ20 ZouZ20 | X. Zou, L. Zhang | A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic | Yes | [933] | 2020 | Automation in Construction | 10 | 18 21 19 | 48 52 | 1671 | n/a |
| AlakaPY19 AlakaPY19 | H. M. Alakaş, M. Pınarbaşı, M. Yüzükırmızı | Constraint programming model for resource-constrained assembly line balancing problem | Yes | [23] | 2019 | Soft Computing | 9 | 15 17 0 | 14 23 | 1360 | n/a |
| ArkhipovBL19 ArkhipovBL19 | D. Arkhipov, O. Battaïa, A. Lazarev | An efficient pseudo-polynomial algorithm for finding a lower bound on the makespan for the Resource Constrained Project Scheduling Problem | Yes | [37] | 2019 | European Journal of Operational Research | 10 | 12 13 14 | 24 40 | 1364 | n/a |
| ColT2019a ColT2019a | G. D. Col, E. Teppan | Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem | Yes | [223] | 2019 | Electronic Proceedings in Theoretical Computer Science | 7 | 10 13 11 | 10 18 | 1424 | 1733 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| EdwardsBSE19 EdwardsBSE19 | S. J. Edwards, D. Baatar, K. Smith-Miles, A. T. Ernst | Symmetry breaking of identical projects in the high-multiplicity RCPSP/max | No | [266] | 2019 | Journal of the Operational Research Society | 22 | 3 3 3 | 40 51 | No | n/a |
| EscobetPQPRA19 EscobetPQPRA19 | T. Escobet, V. Puig, J. Quevedo, P. Palà-Schönwälder, J. Romera, W. Adelman | Optimal batch scheduling of a multiproduct dairy process using a combined optimization/constraint programming approach | Yes | [279] | 2019 | Computers Chemical Engineering | 10 | 17 17 17 | 18 25 | 1438 | n/a |
| GurEA19 GurEA19 | Şeyda Gür, T. Eren, H. M. Alakaş | Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study | Yes | [934] | 2019 | Mathematics | 24 | 19 21 19 | 30 49 | 1465 | n/a |
| HechingHK19 HechingHK19 | A. Heching, J. N. Hooker, R. Kimura | A Logic-Based Benders Approach to Home Healthcare Delivery | No | [399] | 2019 | Transportation Science | 13 | 35 42 37 | 29 32 | No | n/a |
| HoundjiSW19 HoundjiSW19 | V. R. Houndji, P. Schaus, L. A. Wolsey | The item dependent stockingcost constraint | Yes | [438] | 2019 | Constraints An Int. J. | 27 | 0 0 0 | 17 28 | 1494 | 1734 |
| KonowalenkoMM19 KonowalenkoMM19 | E. Konowalenko, W. Meira, L. Magatao | Constraint Logic Programming Applied to Sequencing Tasks in a Pipeline Network | No | [486] | 2019 | IEEE LATIN AMERICA TRANSACTIONS | 9 | 0 0 0 | 0 0 | No | n/a |
| NattafDYW19 NattafDYW19 | M. Nattaf, S. Dauzère-Pérès, C. Yugma, C.-H. Wu | Parallel machine scheduling with time constraints on machine qualifications | Yes | [643] | 2019 | Computers Operations Research | 16 | 14 22 22 | 21 29 | 1568 | n/a |
| NattafHKAL19 NattafHKAL19 | M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez | Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem | Yes | [644] | 2019 | Discrete Applied Mathematics | 16 | 5 6 5 | 12 17 | 1569 | n/a |
| NishikawaSTT19 NishikawaSTT19 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | A Constraint Programming Approach to Scheduling of Malleable Tasks | Yes | [650] | 2019 | Int. J. Netw. Comput. | 16 | 3 3 0 | 20 30 | 1570 | n/a |
| Novas19 Novas19 | J. M. Novas | Production scheduling and lot streaming at flexible job-shops environments using constraint programming | Yes | [652] | 2019 | Computers Industrial Engineering | 13 | 30 35 43 | 29 40 | 1572 | n/a |
| PinarbasiAY19 PinarbasiAY19 | M. Pinarbasi, H. M. Alakas, M. Yuzukirmizi | A constraint programming approach to type-2 assembly line balancing problem with assignment restrictions | No | [698] | 2019 | Assembly Automation | 14 | 16 18 0 | 41 68 | No | n/a |
| SunTB19 SunTB19 | D. Sun, L. Tang, R. Baldacci | A Benders decomposition-based framework for solving quay crane scheduling problems | Yes | [803] | 2019 | European Journal of Operational Research | 12 | 31 34 37 | 29 31 | 1630 | 1735 |
| TanZWGQ19 TanZWGQ19 | Y. Tan, M. Zhou, Y. Wang, X. Guo, L. Qi | A Hybrid MIP–CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes | Yes | [812] | 2019 | IEEE Transactions on Automation Science and Engineering | 10 | 40 45 43 | 40 44 | 1632 | 1736 |
| UnsalO19 UnsalO19 | O. Unsal, C. Oguz | An exact algorithm for integrated planning of operations in dry bulk terminals | Yes | [851] | 2019 | Transportation Research Part E: Logistics and Transportation Review | 19 | 44 52 54 | 27 34 | 1646 | n/a |
| WariZ19 WariZ19 | E. Wari, W. Zhu | A Constraint Programming model for food processing industry: a case for an ice cream processing facility | No | [882] | 2019 | International Journal of Production Research | 17 | 11 11 12 | 42 54 | No | n/a |
| WikarekS19 WikarekS19 | J. Wikarek, P. Sitek | A Constraint-Based Declarative Programming Framework for Scheduling and Resource Allocation Problems | Yes | [888] | 2019 | Vietnam. J. Comput. Sci. | 22 | 0 0 0 | 11 16 | 1654 | n/a |
| YounespourAKE19 YounespourAKE19 | M. Younespour, A. Atighehchian, K. Kianfar, E. T. Esfahani | Using mixed integer programming and constraint programming for operating rooms scheduling with modified block strategy | Yes | [902] | 2019 | Operations research for health care | 11 | 7 7 11 | 15 26 | 1656 | n/a |
| abs-1901-07914 abs-1901-07914 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [106] | 2019 | CoRR | 8 | 0 0 0 | 0 0 | 1674 | 1737 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-1902-01193 abs-1902-01193 | O. M. Alade, A. O. Amusat | Solving Nurse Scheduling Problem Using Constraint Programming Technique | Yes | [20] | 2019 | CoRR | 9 | 0 0 0 | 0 0 | 1675 | n/a |
| abs-1902-09244 abs-1902-09244 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | On constraint programming for a new flexible project scheduling problem with resource constraints | Yes | [393] | 2019 | CoRR | 62 | 0 0 0 | 0 0 | 1676 | n/a |
| abs-1911-04766 abs-1911-04766 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling | Yes | [329] | 2019 | CoRR | 16 | 0 0 0 | 0 0 | 1677 | 1738 |
| BaptisteB18 BaptisteB18 | P. Baptiste, N. Bonifas | Redundant cumulative constraints to compute preemptive bounds | Yes | [64] | 2018 | Discrete Applied Mathematics | 10 | 3 4 4 | 13 19 | 1375 | n/a |
| BorghesiBLMB18 BorghesiBLMB18 | A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | Scheduling-based power capping in high performance computing systems | Yes | [157] | 2018 | Sustain. Comput. Informatics Syst. | 13 | 11 12 19 | 22 66 | 1407 | n/a |
| BukchinR18 BukchinR18 | Y. Bukchin, T. Raviv | Constraint programming for solving various assembly line balancing problems | Yes | [171] | 2018 | Omega | 12 | 66 68 81 | 29 43 | 1412 | n/a |
| CauwelaertLS18 CauwelaertLS18 | S. V. Cauwelaert, M. Lombardi, P. Schaus | How efficient is a global constraint in practice? - A fair experimental framework | Yes | [196] | 2018 | Constraints An Int. J. | 36 | 2 1 1 | 39 61 | 1419 | 1739 |
| FahimiOQ18 FahimiOQ18 | H. Fahimi, Y. Ouellet, C.-G. Quimper | Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last | Yes | [287] | 2018 | Constraints An Int. J. | 22 | 2 2 7 | 20 36 | 1442 | 1740 |
| GedikKEK18 GedikKEK18 | R. Gedik, D. Kalathia, G. Egilmez, E. Kirac | A constraint programming approach for solving unrelated parallel machine scheduling problem | Yes | [326] | 2018 | Computers Industrial Engineering | 11 | 43 49 47 | 22 31 | 1454 | n/a |
| GokgurHO18 GokgurHO18 | B. Gökgür, B. Hnich, S. Özpeynirci | Parallel machine scheduling with tool loading: a constraint programming approach | Yes | [349] | 2018 | International Journal of Production Research | 17 | 31 40 51 | 43 62 | 1457 | n/a |
| GoldwaserS18 GoldwaserS18 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [351] | 2018 | J. Artif. Intell. Res. | 32 | 8 8 9 | 0 0 | 1458 | 1741 |
| GombolayWS18 GombolayWS18 | M. C. Gombolay, R. J. Wilcox, J. A. Shah | Fast Scheduling of Robot Teams Performing Tasks With Temporospatial Constraints | Yes | [353] | 2018 | IEEE Transactions on Robotics | 20 | 71 80 79 | 75 89 | 1459 | n/a |
| Ham18 Ham18 | A. M. Ham | Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming | Yes | [383] | 2018 | Transportation Research Part C: Emerging Technologies | 14 | 164 192 197 | 14 30 | 1469 | n/a |
| Ham18a Ham18a | A. Ham | Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP | Yes | [377] | 2018 | IEEE Transactions on Semiconductor Manufacturing | 10 | 20 24 28 | 21 28 | 1470 | n/a |
| KreterSSZ18 KreterSSZ18 | S. Kreter, A. Schutt, P. J. Stuckey, J. Zimmermann | Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems | Yes | [501] | 2018 | European Journal of Operational Research | 15 | 25 29 26 | 31 54 | 1514 | n/a |
| LaborieRSV18 LaborieRSV18 | P. Laborie, J. Rogerie, P. Shaw, P. Vilím | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | Yes | [512] | 2018 | Constraints An Int. J. | 41 | 148 178 203 | 35 54 | 1520 | 1742 |
| PourDERB18 PourDERB18 | S. M. Pour, J. H. Drake, L. S. Ejlertsen, K. M. Rasmussen, E. K. Burke | A hybrid Constraint Programming/Mixed Integer Programming framework for the preventive signaling maintenance crew scheduling problem | Yes | [706] | 2018 | European Journal of Operational Research | 12 | 41 47 48 | 13 25 | 1594 | n/a |
| ShinBBHO18 ShinBBHO18 | S. Y. Shin, Y. Brun, H. Balasubramanian, P. L. Henneman, L. J. Osterweil | Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling | Yes | [782] | 2018 | IEEE Trans. Syst. Man Cybern. Syst. | 16 | 9 9 12 | 31 39 | 1622 | 1743 |
| TangLWSK18 TangLWSK18 | Y. Tang, R. Liu, F. Wang, Q. Sun, A. A. Kandil | Scheduling Optimization of Linear Schedule with Constraint Programming | Yes | [814] | 2018 | Comput. Aided Civ. Infrastructure Eng. | 28 | 24 32 30 | 76 88 | 1633 | n/a |
| TranPZLDB18 TranPZLDB18 | T. T. Tran, M. Padmanabhan, P. Y. Zhang, H. Li, D. G. Down, J. C. Beck | Multi-stage resource-aware scheduling for data centers with heterogeneous servers | Yes | [839] | 2018 | Journal of Scheduling | 17 | 8 9 9 | 26 29 | 1641 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhangW18 ZhangW18 | S. Zhang, S. Wang | Flexible Assembly Job-Shop Scheduling With Sequence-Dependent Setup Times and Part Sharing in a Dynamic Environment: Constraint Programming Model, Mixed-Integer Programming Model, and Dispatching Rules | Yes | [923] | 2018 | IEEE Trans. Engineering Management | 18 | 49 56 60 | 28 32 | 1667 | n/a |
| CarlssonJL17 CarlssonJL17 | M. Carlsson, M. Johansson, J. Larson | Scheduling double round-robin tournaments with divisional play using constraint programming | No | [189] | 2017 | European Journal of Operational Research | 11 | 10 11 12 | 14 42 | No | n/a |
| EmeretlisTAV17 EmeretlisTAV17 | A. Emeretlis, G. Theodoridis, P. Alefragis, N. Voros | Static Mapping of Applications on Heterogeneous Multi-Core Platforms Combining Logic-Based Benders Decomposition with Integer Linear Programming | Yes | [275] | 2017 | ACM Transactions on Design Automation of Electronic Systems | 24 | 4 6 9 | 42 48 | 1437 | n/a |
| GedikKBR17 GedikKBR17 | R. Gedik, E. Kirac, A. B. Milburn, C. Rainwater | A constraint programming approach for the team orienteering problem with time windows | Yes | [327] | 2017 | Computers Industrial Engineering | 18 | 20 23 26 | 32 47 | 1453 | n/a |
| GomesM17 GomesM17 | F. R. A. Gomes, G. R. Mateus | Improved Combinatorial Benders Decomposition for a Scheduling Problem with Unrelated Parallel Machines | Yes | [355] | 2017 | Journal of Applied Mathematics | 10 | 1 1 3 | 43 44 | 1460 | n/a |
| HamFC17 HamFC17 | A. Ham, J. W. Fowler, E. Cakici | Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines | Yes | [380] | 2017 | IEEE Transactions on Semiconductor Manufacturing | 8 | 21 24 25 | 28 33 | 1473 | n/a |
| HookerH17 HookerH17 | J. N. Hooker, W.-J. van Hoeve | Constraint programming and operations research | Yes | [436] | 2017 | Constraints An Int. J. | 24 | 12 13 10 | 189 255 | 1490 | n/a |
| KreterSS17 KreterSS17 | S. Kreter, A. Schutt, P. J. Stuckey | Using constraint programming for solving RCPSP/max-cal | Yes | [500] | 2017 | Constraints An Int. J. | 31 | 15 18 21 | 20 27 | 1513 | 1744 |
| NattafAL17 NattafAL17 | M. Nattaf, C. Artigues, P. Lopez | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | Yes | [641] | 2017 | Constraints An Int. J. | 18 | 5 5 7 | 10 16 | 1566 | 1745 |
| RoshanaeiLAU17 RoshanaeiLAU17 | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling | Yes | [744] | 2017 | European Journal of Operational Research | 17 | 61 66 65 | 46 53 | 1607 | n/a |
| RoshanaeiLAU17a RoshanaeiLAU17a | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Collaborative Operating Room Planning and Scheduling | No | [743] | 2017 | INFORMS Journal on Computing | 23 | 54 55 55 | 42 47 | No | n/a |
| SchnellH17 SchnellH17 | A. Schnell, R. F. Hartl | On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs | Yes | [764] | 2017 | Operations Research Perspectives | 11 | 12 18 21 | 20 37 | 1618 | 1746 |
| TranVNB17 TranVNB17 | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots | Yes | [841] | 2017 | J. Artif. Intell. Res. | 68 | 12 12 21 | 0 0 | 1642 | n/a |
| BlomPS16 BlomPS16 | M. L. Blom, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods | Yes | [136] | 2016 | Manag. Sci. | 26 | 20 23 25 | 36 46 | 1401 | n/a |
| Bonfietti16 Bonfietti16 | A. Bonfietti | A constraint programming scheduling solver for the MPOpt programming environment | Yes | [146] | 2016 | Intelligenza Artificiale | 13 | 0 0 0 | 19 37 | 1404 | n/a |
| BoothTNB16 BoothTNB16 | K. E. C. Booth, T. T. Tran, G. Nejat, J. C. Beck | Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning | Yes | [156] | 2016 | IEEE Robotics and Automation Letters | 8 | 27 28 35 | 21 34 | 1406 | n/a |
| BridiBLMB16 BridiBLMB16 | T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines | Yes | [166] | 2016 | IEEE Trans. Parallel Distributed Syst. | 14 | 17 18 21 | 22 34 | 1410 | n/a |
| CireCH16 CireCH16 | A. A. Ciré, E. Coban, J. N. Hooker | Logic-based Benders decomposition for planning and scheduling: a computational analysis | Yes | [210] | 2016 | The Knowledge Engineering Review | 12 | 15 17 13 | 21 30 | 1421 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| DoulabiRP16 DoulabiRP16 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling | Yes | [260] | 2016 | INFORMS Journal on Computing | 17 | 56 63 64 | 28 32 | 1433 | n/a |
| HamC16 HamC16 | A. M. Ham, E. Cakici | Flexible job shop scheduling problem with parallel batch processing machines: MIP and CP approaches | Yes | [384] | 2016 | Computers Industrial Engineering | 6 | 50 55 55 | 26 35 | 1472 | n/a |
| HebrardHJMPV16 HebrardHJMPV16 | E. Hebrard, M.-J. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie | Approximation of the parallel machine scheduling problem with additional unit resources | Yes | [397] | 2016 | Discrete Applied Mathematics | 10 | 9 10 12 | 8 8 | 1480 | n/a |
| KuB16 KuB16 | W.-Y. Ku, J. C. Beck | Mixed Integer Programming models for job shop scheduling: A computational analysis | Yes | [502] | 2016 | Computers Operations Research | 9 | 119 132 141 | 17 25 | 1515 | n/a |
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| NovaraNH16 NovaraNH16 | F. M. Novara, J. M. Novas, G. P. Henning | A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation | Yes | [651] | 2016 | Computers Chemical Engineering | 17 | 18 17 19 | 31 40 | 1571 | n/a |
| OrnekO16 OrnekO16 | A. Örnek, C. Öztürk | Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems | Yes | [668] | 2016 | International Journal of Industrial Engineering: Theory, Applications and Practice | 25 | 0 0 0 | 0 0 | 1579 | n/a |
| QinDS16 QinDS16 | T. Qin, Y. Du, M. Sha | Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth | Yes | [718] | 2016 | Transportation Research Part E: Logistics and Transportation Review | 19 | 17 18 21 | 40 49 | 1597 | n/a |
| RiiseML16 RiiseML16 | A. Riise, C. Mannino, L. Lamorgese | Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling | Yes | [732] | 2016 | European Journal of Operational Research | 10 | 27 27 26 | 29 41 | 1601 | n/a |
| TranAB16 TranAB16 | T. T. Tran, A. Araujo, J. C. Beck | Decomposition Methods for the Parallel Machine Scheduling Problem with Setups | Yes | [836] | 2016 | INFORMS Journal on Computing | 13 | 72 75 80 | 28 36 | 1640 | n/a |
| ZarandiKS16 ZarandiKS16 | M. H. F. Zarandi, H. Khorshidian, M. A. Shirazi | A constraint programming model for the scheduling of JIT cross-docking systems with preemption | Yes | [911] | 2016 | Journal of Intelligent Manufacturing | 17 | 28 29 31 | 14 22 | 1661 | n/a |
| AlesioBNG15 AlesioBNG15 | S. D. Alesio, L. C. Briand, S. Nejati, A. Gotlieb | Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines | Yes | [24] | 2015 | ACM Transactions on Software Engineering and Methodology | 37 | 13 14 17 | 51 59 | 1361 | n/a |
| BajestaniB15 BajestaniB15 | M. A. Bajestani, J. C. Beck | A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines | Yes | [59] | 2015 | Journal of Scheduling | 16 | 17 18 20 | 59 69 | 1373 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| GoelSHFS15 GoelSHFS15 | V. Goel, M. Slusky, W.-J. van Hoeve, K. C. Furman, Y. Shao | Constraint programming for LNG ship scheduling and inventory management | Yes | [346] | 2015 | European Journal of Operational Research | 12 | 48 53 54 | 4 8 | 1455 | n/a |
| GrimesH15 GrimesH15 | D. Grimes, E. Hebrard | Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search | Yes | [360] | 2015 | INFORMS Journal on Computing | 17 | 12 13 16 | 41 66 | 1461 | n/a |
| Kameugne15 Kameugne15 | R. Kameugne | Propagation techniques of resource constraint for cumulative scheduling | Yes | [462] | 2015 | Constraints An Int. J. | 2 | 0 0 0 | 0 0 | 1503 | 1747 |
| LetortCB15 LetortCB15 | A. Letort, M. Carlsson, N. Beldiceanu | Synchronized sweep algorithms for scalable scheduling constraints | Yes | [528] | 2015 | Constraints An Int. J. | 52 | 2 2 4 | 14 28 | 1523 | 1748 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |
| OzturkTHO15 OzturkTHO15 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | Cyclic scheduling of flexible mixed model assembly lines with parallel stations | Yes | [677] | 2015 | Journal of Manufacturing Systems | 12 | 27 28 31 | 17 32 | 1584 | n/a |
| SchnellH15 SchnellH15 | A. Schnell, R. F. Hartl | On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations | Yes | [763] | 2015 | OR Spectrum | 21 | 24 27 31 | 20 30 | 1617 | 1750 |
| Siala15 Siala15 | M. Siala | Search, propagation, and learning in sequencing and scheduling problems | Yes | [783] | 2015 | Constraints An Int. J. | 2 | 4 3 0 | 0 0 | 1623 | 1751 |
| SimoninAHL15 SimoninAHL15 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling scientific experiments for comet exploration | Yes | [787] | 2015 | Constraints An Int. J. | 23 | 4 4 6 | 5 8 | 1624 | 1752 |
| WangMD15 WangMD15 | T. Wang, N. Meskens, D. Duvivier | Scheduling operating theatres: Mixed integer programming vs. constraint programming | Yes | [881] | 2015 | European Journal of Operational Research | 13 | 36 38 38 | 33 49 | 1651 | n/a |
| ArtiguesL14 ArtiguesL14 | C. Artigues, P. Lopez | Energetic reasoning for energy-constrained scheduling with a continuous resource | Yes | [46] | 2014 | Journal of Scheduling | 17 | 11 13 14 | 19 26 | 1366 | n/a |
| BlomBPS14 BlomBPS14 | M. L. Blom, C. N. Burt, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines | Yes | [135] | 2014 | INFORMS Journal on Computing | 19 | 15 15 16 | 47 55 | 1400 | n/a |
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| GrimesIOS14 GrimesIOS14 | D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis | Analyzing the impact of electricity price forecasting on energy cost-aware scheduling | Yes | [362] | 2014 | Sustain. Comput. Informatics Syst. | 16 | 6 6 19 | 7 28 | 1462 | n/a |
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| KameugneFSN14 KameugneFSN14 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A quadratic edge-finding filtering algorithm for cumulative resource constraints | Yes | [467] | 2014 | Constraints An Int. J. | 27 | 6 6 9 | 10 20 | 1505 | 1753 |
| LaborieR14 LaborieR14 | P. Laborie, J. Rogerie | Temporal linear relaxation in IBM ILOG CP Optimizer | Yes | [513] | 2014 | Journal of Scheduling | 10 | 17 19 22 | 13 26 | 1519 | n/a |
| NovasH14 NovasH14 | J. M. Novas, G. P. Henning | Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming | Yes | [655] | 2014 | Expert Systems with Applications | 14 | 35 37 44 | 26 30 | 1575 | n/a |
| PengLC14 PengLC14 | Y. Peng, D. Lu, Y. Chen | A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products | Yes | [687] | 2014 | Discrete Dynamics in Nature and Society | 7 | 5 4 9 | 13 17 | 1588 | n/a |
| TerekhovTDB14 TerekhovTDB14 | D. Terekhov, T. T. Tran, D. G. Down, J. C. Beck | Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems | Yes | [822] | 2014 | J. Artif. Intell. Res. | 38 | 12 13 17 | 0 0 | 1635 | n/a |
| ThiruvadyWGS14 ThiruvadyWGS14 | D. R. Thiruvady, M. G. Wallace, H. Gu, A. Schutt | A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows | Yes | [826] | 2014 | J. Heuristics | 34 | 19 20 19 | 18 24 | 1636 | n/a |
| ZhaoL14 ZhaoL14 | Z. Zhao, X. Li | Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming | No | [925] | 2014 | Operations Research for Health Care | 8 | 40 40 50 | 23 34 | No | n/a |
| ArtiguesLH13 ArtiguesLH13 | C. Artigues, P. Lopez, A. Haït | The energy scheduling problem: Industrial case-study and constraint propagation techniques | Yes | [47] | 2013 | International Journal of Production Economics | 11 | 76 82 83 | 16 25 | 1367 | n/a |
| BajestaniB13 BajestaniB13 | M. A. Bajestani, J. C. Beck | Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources | Yes | [58] | 2013 | J. Artif. Intell. Res. | 36 | 14 15 20 | 0 0 | 1372 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| BegB13 BegB13 | M. O. Beg, P. van Beek | A constraint programming approach for integrated spatial and temporal scheduling for clustered architectures | Yes | [104] | 2013 | ACM Trans. Embed. Comput. Syst. | 23 | 1 1 1 | 28 46 | 1391 | n/a |
| HeinzSB13 HeinzSB13 | S. Heinz, J. Schulz, J. C. Beck | Using dual presolving reductions to reformulate cumulative constraints | Yes | [406] | 2013 | Constraints An Int. J. | 36 | 7 7 9 | 31 41 | 1483 | 1754 |
| KameugneF13 KameugneF13 | R. Kameugne, L. P. Fotso | A cumulative not-first/not-last filtering algorithm in O(n 2log(n)) | Yes | [465] | 2013 | Indian Journal of Pure and Applied Mathematics | 21 | 6 8 8 | 4 19 | 1504 | n/a |
| LombardiMB13 LombardiMB13 | M. Lombardi, M. Milano, L. Benini | Robust Scheduling of Task Graphs under Execution Time Uncertainty | Yes | [557] | 2013 | IEEE Transactions on Computers | 14 | 28 28 36 | 29 44 | 1531 | n/a |
| MenciaSV13 MenciaSV13 | C. Mencía, M. R. Sierra, R. Varela | Intensified iterative deepening A* with application to job shop scheduling | Yes | [596] | 2013 | Journal of Intelligent Manufacturing | 11 | 9 9 12 | 43 55 | 1546 | 1755 |
| MeskensDL13 MeskensDL13 | N. Meskens, D. Duvivier, A. Lianset | Multi-objective operating room scheduling considering desiderata of the surgical team | No | [604] | 2013 | DECISION SUPPORT SYSTEMS | 10 | 102 102 116 | 31 39 | No | n/a |
| OzturkTHO13 OzturkTHO13 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Balancing and scheduling of flexible mixed model assembly lines | Yes | [676] | 2013 | Constraints An Int. J. | 36 | 31 31 34 | 44 62 | 1583 | 1756 |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| SuCC13 SuCC13 | L.-H. Su, Y. Chiu, T. C. E. Cheng | Sports tournament scheduling to determine the required number of venues subject to the minimum timeslots under given formats | No | [800] | 2013 | Computers Industrial Engineering | 7 | 2 2 4 | 15 16 | No | n/a |
| UnsalO13 UnsalO13 | O. Unsal, C. Oguz | Constraint programming approach to quay crane scheduling problem | Yes | [850] | 2013 | Transportation Research Part E: Logistics and Transportation Review | 15 | 44 45 54 | 25 34 | 1645 | n/a |
| GuyonLPR12 GuyonLPR12 | O. Guyon, P. Lemaire, E. Pinson, D. Rivreau | Solving an integrated job-shop problem with human resource constraints | Yes | [375] | 2012 | Annals of Operations Research | 25 | 32 33 40 | 25 38 | 1467 | n/a |
| HeinzSSW12 HeinzSSW12 | S. Heinz, T. Schlechte, R. Stephan, M. Winkler | Solving steel mill slab design problems | Yes | [404] | 2012 | Constraints An Int. J. | 12 | 10 11 12 | 9 16 | 1484 | 1758 |
| LimtanyakulS12 LimtanyakulS12 | K. Limtanyakul, U. Schwiegelshohn | Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes | Yes | [539] | 2012 | Constraints An Int. J. | 32 | 4 4 5 | 16 27 | 1526 | 1759 |
| LombardiM12 LombardiM12 | M. Lombardi, M. Milano | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey | Yes | [555] | 2012 | Constraints An Int. J. | 35 | 39 39 47 | 68 94 | 1529 | 1760 |
| LombardiM12a LombardiM12a | M. Lombardi, M. Milano | A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling | Yes | [554] | 2012 | Artificial Intelligence | 10 | 3 3 15 | 13 21 | 1530 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| MalapertGR12 MalapertGR12 | A. Malapert, C. Guéret, L.-M. Rousseau | A constraint programming approach for a batch processing problem with non-identical job sizes | No | [581] | 2012 | European Journal of Operational Research | 13 | 43 44 50 | 24 41 | No | n/a |
| MenciaSV12 MenciaSV12 | C. Mencía, M. R. Sierra, R. Varela | Depth-first heuristic search for the job shop scheduling problem | Yes | [595] | 2012 | Annals of Operations Research | 32 | 16 17 18 | 40 57 | 1545 | n/a |
| NovasH12 NovasH12 | J. M. Novas, G. P. Henning | A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations | Yes | [654] | 2012 | Computers Chemical Engineering | 17 | 17 17 22 | 15 23 | 1574 | n/a |
| OzturkTHO12 OzturkTHO12 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations | Yes | [674] | 2012 | IFAC Proceedings Volumes | 6 | 5 4 5 | 5 10 | 1582 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Ribeiro12 Ribeiro12 | C. C. Ribeiro | Sports scheduling: Problems and applications | No | [731] | 2012 | INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH | 26 | 47 52 54 | 59 92 | No | n/a |
| TerekhovDOB12 TerekhovDOB12 | D. Terekhov, M. K. Dogru, U. Özen, J. C. Beck | Solving two-machine assembly scheduling problems with inventory constraints | Yes | [821] | 2012 | Computers Industrial Engineering | 15 | 8 9 16 | 48 59 | 1634 | n/a |
| TopaloglusS12 TopaloglusS12 | S. Topaloglu, L. Salum, A. A. Supciller | Rule-based modeling and constraint programming based solution of the assembly line balancing problem | No | [832] | 2012 | Expert Systems with Applications | 10 | 31 32 38 | 34 43 | No | n/a |
| ZarandiB12 ZarandiB12 | M. M. Fazel-Zarandi, J. C. Beck | Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem | No | [295] | 2012 | INFORMS Journal on Computing | 12 | 38 38 42 | 57 61 | No | n/a |
| ZengM12 ZengM12 | L. Zeng, S. Mizuno | On the separation in 2-period double round robin tournaments with minimum breaks | No | [919] | 2012 | Computers Operations Research | 9 | 3 3 4 | 18 25 | No | n/a |
| BandaSC11 BandaSC11 | Maria Garcia de la Banda, P. J. Stuckey, G. Chu | Solving Talent Scheduling with Dynamic Programming | Yes | [236] | 2011 | INFORMS Journal on Computing | 18 | 24 25 28 | 17 18 | 1374 | n/a |
| BartakS11 BartakS11 | R. Barták, M. A. Salido | Constraint satisfaction for planning and scheduling problems | Yes | [78] | 2011 | Constraints An Int. J. | 5 | 17 18 21 | 3 7 | 1379 | 1761 |
| BeckFW11 BeckFW11 | J. C. Beck, T. K. Feng, J.-P. Watson | Combining Constraint Programming and Local Search for Job-Shop Scheduling | Yes | [93] | 2011 | INFORMS Journal on Computing | 14 | 43 46 59 | 23 33 | 1387 | n/a |
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| CobanH11 CobanH11 | E. Coban, J. N. Hooker | Single-facility scheduling by logic-based Benders decomposition | Yes | [215] | 2011 | Annals of Operations Research | 28 | 14 15 17 | 37 44 | 1423 | n/a |
| EdisO11a EdisO11a | E. B. Edis, I. Ozkarahan | A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions | No | [265] | 2011 | Engineering Optimization | 23 | 43 46 51 | 37 53 | No | n/a |
| HachemiGR11 HachemiGR11 | N. E. Hachemi, M. Gendreau, L.-M. Rousseau | A hybrid constraint programming approach to the log-truck scheduling problem | Yes | [376] | 2011 | Annals of Operations Research | 16 | 32 34 38 | 19 30 | 1468 | n/a |
| HeckmanB11 HeckmanB11 | I. Heckman, J. C. Beck | Understanding the behavior of Solution-Guided Search for job-shop scheduling | Yes | [401] | 2011 | Journal of Scheduling | 20 | 0 1 3 | 22 39 | 1481 | n/a |
| KelbelH11 KelbelH11 | J. Kelbel, Z. Hanzálek | Solving production scheduling with earliness/tardiness penalties by constraint programming | Yes | [470] | 2011 | Journal of Intelligent Manufacturing | 10 | 12 16 18 | 14 25 | 1506 | n/a |
| KovacsB11 KovacsB11 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for unary resources | Yes | [493] | 2011 | Constraints An Int. J. | 24 | 4 4 9 | 26 36 | 1511 | 1762 |
| KovacsK11 KovacsK11 | A. Kovács, T. Kis | Constraint programming approach to a bilevel scheduling problem | Yes | [495] | 2011 | Constraints An Int. J. | 24 | 3 4 5 | 24 37 | 1512 | 1763 |
| LiuW11 LiuW11 | S.-S. Liu, C.-J. Wang | Optimizing project selection and scheduling problems with time-dependent resource constraints | Yes | [545] | 2011 | Automation in Construction | 10 | 57 59 71 | 35 48 | 1527 | n/a |
| ReddyFIBKAJ11 ReddyFIBKAJ11 | S. Y. Reddy, J. Frank, M. Iatauro, M. E. Boyce, E. Kürklü, M. Ai-Chang, A. K. Jónsson | Planning solar array operations on the international space station | Yes | [726] | 2011 | ACM Trans. Intell. Syst. Technol. | 24 | 3 3 11 | 8 22 | 1600 | n/a |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |

Table 5: ARTICLE (Total 389)

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|---|---|---|---|---|---|---|---|---|---|---|---|
| TopaloglуO11 TopaloglуO11 | S. Topaloglu, I. Ozkarahan | A constraint programming-based solution approach for medical resident scheduling problems | Yes | [831] | 2011 | Computers Operations Research | 10 | 46 47 59 | 24 32 | 1638 | n/a |
| TrojetHL11 TrojetHL11 | M. Trojet, F. H'Mida, P. Lopez | Project scheduling under resource constraints: Application of the cumulative global constraint in a decision support framework | Yes | [847] | 2011 | Computers Industrial Engineering | 7 | 11 13 12 | 17 32 | 1643 | n/a |
| ZeballosNH11 ZeballosNH11 | L. J. Zeballos, J. M. Novas, G. P. Henning | A CP formulation for scheduling multiproduct multistage batch plants | Yes | [917] | 2011 | Computers Chemical Engineering | 17 | 26 26 28 | 29 39 | 1665 | n/a |
| BartakCS10 BartakCS10 | R. Barták, O. Cepek, P. Surynek | Discovering implied constraints in precedence graphs with alternatives | Yes | [77] | 2010 | Annals of Operations Research | 31 | 2 2 2 | 9 21 | 1378 | n/a |
| BartakSR10 BartakSR10 | R. Barták, M. A. Salido, F. Rossi | New trends in constraint satisfaction, planning, and scheduling: a survey | Yes | [79] | 2010 | Knowl. Eng. Rev. | 31 | 28 29 31 | 47 88 | 1381 | n/a |
| ChenGPSH10 ChenGPSH10 | Y. Chen, Z. Guan, Y. Peng, X. Shao, M. Hasseb | Technology and system of constraint programming for industry production scheduling — Part I: A brief survey and potential directions | Yes | [203] | 2010 | Frontiers of Mechanical Engineering in China | 10 | 2 2 4 | 32 50 | 1420 | n/a |
| KendallKRU10 KendallKRU10 | G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia | Scheduling in sports: An annotated bibliography | No | [471] | 2010 | Computers Operations Research | 19 | 181 186 220 | 0 0 | No | n/a |
| LiuGT10 LiuGT10 | S.-X. Liu, Z. Guo, J.-F. Tang | Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences | No | [544] | 2010 | Acta Automatica Sinica | 7 | 2 2 9 | 15 20 | No | n/a |
| LombardiM10a LombardiM10a | M. Lombardi, M. Milano | Allocation and scheduling of Conditional Task Graphs | Yes | [552] | 2010 | Artificial Intelligence | 30 | 8 8 13 | 24 41 | 1528 | n/a |
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |
| LopesCSM10 LopesCSM10 | T. M. T. Lopes, A. A. Ciré, C. C. de Souza, A. V. Moura | A hybrid model for a multiproduct pipeline planning and scheduling problem | Yes | [559] | 2010 | Constraints An Int. J. | 39 | 31 31 35 | 18 31 | 1533 | 1766 |
| NovasH10 NovasH10 | J. M. Novas, G. P. Henning | Reactive scheduling framework based on domain knowledge and constraint programming | Yes | [653] | 2010 | Computers Chemical Engineering | 20 | 48 49 50 | 19 29 | 1573 | n/a |
| OzturkTHO10 OzturkTHO10 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times | Yes | [675] | 2010 | Electronic Notes in Discrete Mathematics | 8 | 15 15 17 | 1 3 | 1581 | n/a |
| Salido10 Salido10 | M. A. Salido | Introduction to planning, scheduling and constraint satisfaction | Yes | [757] | 2010 | Journal of Intelligent Manufacturing | 4 | 22 22 17 | 1 3 | 1614 | n/a |
| Zeballos10 Zeballos10 | L. J. Zeballos | A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems | Yes | [913] | 2010 | Robotics and Computer-Integrated Manufacturing | 19 | 41 42 51 | 16 23 | 1662 | n/a |
| ZeballosCM10 ZeballosCM10 | L. J. Zeballos, P. M. Castro, C. A. Méndez | Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing | Yes | [914] | 2010 | Industrial Engineering Chemistry Research | 11 | 22 23 29 | 30 39 | 1663 | n/a |
| ZeballosQH10 ZeballosQH10 | L. J. Zeballos, O. Quiroga, G. P. Henning | A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations | Yes | [918] | 2010 | Eng. Appl. Artif. Intell. | 20 | 33 33 43 | 28 41 | 1666 | n/a |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| BidotVLB09 BidotVLB09 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A theoretic and practical framework for scheduling in a stochastic environment | Yes | [130] | 2009 | Journal of Scheduling | 30 | 58 60 76 | 20 49 | 1398 | n/a |
| BocewiczBB09 BocewiczBB09 | G. Bocewicz, I. Bach, Z. A. Banaszak | Logic-algebraic method based and constraints programming driven approach to AGVs scheduling | Yes | [137] | 2009 | Int. J. Intell. Inf. Database Syst. | 19 | 0 0 1 | 0 0 | 1402 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| CarchraeB09 CarchraeB09 | T. Carchrae, J. C. Beck | Principles for the Design of Large Neighborhood Search | Yes | [181] | 2009 | Journal of Mathematical Modelling and Algorithms | 26 | 16 17 25 | 19 29 | 1416 | n/a |
| GarridoAO09 GarridoAO09 | A. Garrido, M. Arangú, E. Onaindia | A constraint programming formulation for planning: from plan scheduling to plan generation | Yes | [320] | 2009 | Journal of Scheduling | 30 | 5 5 9 | 14 37 | 1451 | n/a |
| Jans09 Jans09 | R. Jans | Solving Lot-Sizing Problems on Parallel Identical Machines Using Symmetry-Breaking Constraints | Yes | [449] | 2009 | INFORMS Journal on Computing | 14 | 59 60 61 | 73 77 | 1499 | n/a |
| MilanoW09 MilanoW09 | M. Milano, M. G. Wallace | Integrating Operations Research in Constraint Programming | Yes | [609] | 2009 | Annals of Operations Research | 40 | 34 35 41 | 46 77 | 1553 | n/a |
| OhrimenkoSC09 OhrimenkoSC09 | O. Ohrimenko, P. J. Stuckey, M. Codish | Propagation via lazy clause generation | Yes | [666] | 2009 | Constraints An Int. J. | 35 | 127 128 198 | 15 35 | 1578 | n/a |
| RasmussenT09 RasmussenT09 | R. V. Rasmussen, M. A. Trick | The timetable constrained distance minimization problem | Yes | [725] | 2009 | Annals of Operations Research | 15 | 8 9 9 | 15 25 | 1599 | n/a |
| RuggieroBBMA09 RuggieroBBMA09 | M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei | Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms | Yes | [748] | 2009 | IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. | 14 | 9 9 7 | 27 37 | 1609 | n/a |
| WuBB09 WuBB09 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints | Yes | [898] | 2009 | Computers Operations Research | 9 | 42 42 48 | 5 16 | 1655 | n/a |
| ZeballosM09 ZeballosM09 | L. J. Zeballos, C. A. Méndez | An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants | No | [916] | 2009 | Industrial Engineering Chemistry Research | 13 | 7 7 7 | 14 23 | No | n/a |
| abs-0907-0939 abs-0907-0939 | T. Petit, E. Poder | The Soft Cumulative Constraint | Yes | [696] | 2009 | CoRR | 12 | 0 0 0 | 0 0 | 1672 | n/a |
| BartakSR08 BartakSR08 | R. Barták, M. A. Salido, F. Rossi | Constraint satisfaction techniques in planning and scheduling | Yes | [83] | 2008 | Journal of Intelligent Manufacturing | 11 | 54 57 76 | 21 51 | 1380 | n/a |
| ClautiauxJCM08 ClautiauxJCM08 | F. Clautiaux, A. Jouglet, J. Carlier, A. Moukrim | A new constraint programming approach for the orthogonal packing problem | Yes | [211] | 2008 | Computers Operations Research | 16 | 64 65 70 | 14 26 | 1422 | n/a |
| GarridoOS08 GarridoOS08 | A. Garrido, E. Onaindia, Óscar Sapena | Planning and scheduling in an e-learning environment. A constraint-programming-based approach | Yes | [321] | 2008 | Eng. Appl. Artif. Intell. | 11 | 22 22 28 | 7 24 | 1452 | n/a |
| HladikCDJ08 HladikCDJ08 | P.-E. Hladik, H. Cambazard, A.-M. Déplanche, N. Jussien | Solving a real-time allocation problem with constraint programming | Yes | [419] | 2008 | Journal of Systems and Software | 18 | 36 37 48 | 27 66 | 1486 | n/a |
| KovacsB08 KovacsB08 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for cumulative resources | Yes | [492] | 2008 | Eng. Appl. Artif. Intell. | 7 | 5 5 5 | 14 20 | 1510 | n/a |
| LiW08 LiW08 | H. Li, K. Womer | Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm | Yes | [529] | 2008 | Journal of Scheduling | 18 | 113 123 144 | 31 52 | 1524 | n/a |
| LiessM08 LiessM08 | O. Liess, P. Michelon | A constraint programming approach for the resource-constrained project scheduling problem | Yes | [532] | 2008 | Annals of Operations Research | 12 | 22 25 28 | 14 17 | 1525 | n/a |
| MalikMB08 MalikMB08 | A. M. Malik, J. McInnes, P. van Beek | Optimal Basic Block Instruction Scheduling for Multiple-Issue Processors Using Constraint Programming | Yes | [584] | 2008 | Int. J. Artif. Intell. Tools | 18 | 15 14 14 | 8 12 | 1539 | n/a |
| MercierH08 MercierH08 | L. Mercier, P. V. Hentenryck | Edge Finding for Cumulative Scheduling | Yes | [600] | 2008 | INFORMS Journal on Computing | 11 | 32 33 0 | 5 8 | 1551 | n/a |
| ArtiguesF07 ArtiguesF07 | C. Artigues, D. Feillet | A branch and bound method for the job-shop problem with sequence-dependent setup times | Yes | [44] | 2007 | Annals of Operations Research | 25 | 49 49 66 | 32 46 | 1365 | n/a |
| Beck07 Beck07 | J. C. Beck | Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling | Yes | [87] | 2007 | J. Artif. Intell. Res. | 29 | 34 34 57 | 0 0 | 1382 | n/a |
| BeckW07 BeckW07 | J. C. Beck, N. Wilson | Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations | Yes | [102] | 2007 | J. Artif. Intell. Res. | 50 | 27 31 61 | 0 0 | 1389 | n/a |
| CorreaLR07 CorreaLR07 | A. I. Corréa, A. Langevin, L.-M. Rousseau | Scheduling and routing of automated guided vehicles: A hybrid approach | Yes | [220] | 2007 | Computers Operations Research | 20 | 106 114 137 | 20 28 | 1426 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |
| MercierH07 MercierH07 | L. Mercier, P. V. Hentenryck | Strong polynomiality of resource constraint propagation | Yes | [601] | 2007 | Discrete Optimization | 27 | 5 5 7 | 8 17 | 1550 | n/a |
| RasmussenT07 RasmussenT07 | R. V. Rasmussen, M. A. Trick | A Benders approach for the constrained minimum break problem | No | [724] | 2007 | European Journal of Operational Research | 16 | 60 62 71 | 16 27 | No | n/a |
| Rodriguez07 Rodriguez07 | J. Rodriguez | A constraint programming model for real-time train scheduling at junctions | Yes | [737] | 2007 | Transportation Research Part B: Methodological | 15 | 117 121 141 | 6 14 | 1603 | n/a |
| Simonis07 Simonis07 | H. Simonis | Models for Global Constraint Applications | Yes | [791] | 2007 | Constraints An Int. J. | 30 | 10 11 19 | 17 74 | 1625 | 1767 |
| BockmayrP06 BockmayrP06 | A. Bockmayr, N. Pisaruk | Detecting infeasibility and generating cuts for mixed integer programming using constraint programming | Yes | [140] | 2006 | Computers Operations Research | 10 | 12 12 10 | 7 10 | 1403 | n/a |
| Gronkvist06 Gronkvist06 | M. Grönkvist | Accelerating column generation for aircraft scheduling using constraint propagation | Yes | [366] | 2006 | Computers Operations Research | 17 | 28 28 36 | 15 30 | 1463 | n/a |
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| KhayatLR06 KhayatLR06 | G. E. Khayat, A. Langevin, D. Riopel | Integrated production and material handling scheduling using mathematical programming and constraint programming | Yes | [474] | 2006 | European Journal of Operational Research | 15 | 84 89 96 | 14 26 | 1507 | n/a |
| MilanoW06 MilanoW06 | M. Milano, M. G. Wallace | Integrating operations research in constraint programming | Yes | [608] | 2006 | 4OR | 45 | 18 18 22 | 46 67 | 1552 | n/a |
| RussellU06 RussellU06 | R. A. Russell, T. L. Urban | A constraint programming approach to the multiple-venue, sport-scheduling problem | No | [749] | 2006 | Computers Operations Research | 12 | 22 22 0 | 16 22 | No | n/a |
| SadykovW06 SadykovW06 | R. Sadykov, L. A. Wolsey | Integer Programming and Constraint Programming in Solving a Multimachine Assignment Scheduling Problem with Deadlines and Release Dates | Yes | [754] | 2006 | INFORMS Journal on Computing | 9 | 45 46 38 | 6 9 | 1612 | n/a |
| SureshMOK06 SureshMOK06 | S. Sundaram, V. Mani, S. N. Omkar, H. J. Kim | Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach | Yes | [806] | 2006 | Int. J. Parallel Emergent Distributed Syst. | 19 | 12 12 13 | 23 39 | 1631 | n/a |
| DemasseyAM05 DemasseyAM05 | S. Demassey, C. Artigues, P. Michelon | Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem | Yes | [242] | 2005 | INFORMS Journal on Computing | 14 | 43 43 51 | 25 30 | 1430 | n/a |
| Hooker05 Hooker05 | J. N. Hooker | A Hybrid Method for the Planning and Scheduling | Yes | [424] | 2005 | Constraints An Int. J. | 17 | 68 69 87 | 11 18 | 1487 | 1769 |
| RoePS05 RoePS05 | B. Roe, L. G. Papageorgiou, N. Shah | A hybrid MILP/CLP algorithm for multipurpose batch process scheduling | Yes | [741] | 2005 | Computers Chemical Engineering | 15 | 48 47 46 | 15 23 | 1605 | n/a |
| VilimBC05 VilimBC05 | P. Vilím, R. Barták, O. Cepek | Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | Yes | [870] | 2005 | Constraints An Int. J. | 23 | 21 21 32 | 5 16 | 1647 | 1770 |
| ZeballosH05 ZeballosH05 | L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources | Yes | [915] | 2005 | Inteligencia Artif. | 10 | 0 0 0 | 0 0 | 1664 | n/a |
| HenzMT04 HenzMT04 | M. Henz, T. Müller, S. Thiel | Global constraints for round robin tournament scheduling | No | [414] | 2004 | European Journal of Operational Research | 10 | 44 47 0 | 8 24 | No | n/a |
| MaraveliasCG04 MaraveliasCG04 | C. T. Maravelias, I. E. Grossmann | A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants | Yes | [585] | 2004 | Computers Chemical Engineering | 29 | 116 119 130 | 24 29 | 1540 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| OkanoDTRYA04 OkanoDTRYA04 | H. Okano, A. J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano | Finishing Line Scheduling in the steel industry | No | [667] | 2004 | IBM J. Res. Dev. | 20 | 19 20 26 | 0 0 | No | n/a |
| PoderBS04 PoderBS04 | E. Poder, N. Beldiceanu, E. Sanlaville | Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption | Yes | [701] | 2004 | European Journal of Operational Research | 16 | 7 7 10 | 8 18 | 1591 | n/a |
| BeckR03 BeckR03 | J. C. Beck, P. Refalo | A Hybrid Approach to Scheduling with Earliness and Tardiness Costs | Yes | [99] | 2003 | Annals of Operations Research | 23 | 29 0 45 | 0 0 | 1388 | n/a |
| ElfJR03 ElfJR03 | M. Elf, M. Jünger, G. Rinaldi | Minimizing breaks by maximizing cuts | No | [269] | 2003 | OPERATIONS RESEARCH LETTERS | 7 | 41 41 45 | 7 10 | No | n/a |
| HookerO03 HookerO03 | J. N. Hooker, G. Ottosson | Logic-based Benders decomposition | Yes | [434] | 2003 | Mathematical Programming | 28 | 317 333 371 | 0 0 | 1491 | n/a |
| Kuchcinski03 Kuchcinski03 | K. Kuchcinski | Constraints-driven scheduling and resource assignment | Yes | [503] | 2003 | ACM Transactions on Design Automation of Electronic Systems | 29 | 105 105 116 | 15 42 | 1516 | n/a |
| KuchcinskiW03 KuchcinskiW03 | K. Kuchcinski, C. Wolinski | Global approach to assignment and scheduling of complex behaviors based on HCDG and constraint programming | Yes | [504] | 2003 | J. Syst. Archit. | 15 | 19 19 22 | 18 23 | 1517 | n/a |
| Laborie03 Laborie03 | P. Laborie | Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results | Yes | [508] | 2003 | Artificial Intelligence | 38 | 128 129 175 | 10 31 | 1518 | n/a |
| Tsang03 Tsang03 | E. P. K. Tsang | Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems | Yes | [848] | 2003 | Journal of Scheduling | 2 | 1 0 0 | 0 0 | 1644 | n/a |
| HarjunkoskiG02 HarjunkoskiG02 | I. Harjunkoski, I. E. Grossmann | Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods | Yes | [388] | 2002 | Computers Chemical Engineering | 20 | 169 173 192 | 11 25 | 1476 | n/a |
| Hooker02 Hooker02 | J. N. Hooker | Logic, Optimization, and Constraint Programming | No | [422] | 2002 | INFORMS Journal on Computing | 27 | 94 93 0 | 84 149 | No | n/a |
| JussienL02 JussienL02 | N. Jussien, O. Lhomme | Local search with constraint propagation and conflict-based heuristics | Yes | [455] | 2002 | Artificial Intelligence | 25 | 88 88 108 | 16 54 | 1500 | n/a |
| LorigeonBB02 LorigeonBB02 | T. Lorigeon, J.-C. Billaut, J.-L. Bouquard | A dynamic programming algorithm for scheduling jobs in a two-machine open shop with an availability constraint | Yes | [561] | 2002 | Journal of the Operational Research Society | 8 | 22 23 25 | 0 0 | 1535 | n/a |
| MilanoORT02 MilanoORT02 | M. Milano, G. Ottosson, P. Refalo, E. S. Thorsteinsson | The Role of Integer Programming Techniques in Constraint Programming's Global Constraints | No | [607] | 2002 | INFORMS Journal on Computing | 16 | 14 14 0 | 31 60 | No | n/a |
| RodriguezDG02 RodriguezDG02 | J. Rodriguez, X. Delorme, X. Gandibleux | Railway infrastructure saturation using constraint programming approach | Yes | [739] | 2002 | Computers in Railways VIII | 10 | 0 0 0 | 0 0 | 1604 | n/a |
| Timpe02 Timpe02 | C. Timpe | Solving planning and scheduling problems with combined integer and constraint programming | Yes | [829] | 2002 | OR Spectrum | 18 | 42 42 54 | 0 0 | 1637 | n/a |
| BosiM2001 BosiM2001 | F. Bosi, M. Milano | Enhancing CLP branch and bound techniques for scheduling problems | Yes | [158] | 2001 | Software: Practice and Experience | 26 | 3 3 0 | 12 41 | 1408 | n/a |
| Henz01 Henz01 | M. Henz | Scheduling a Major College Basketball Conference—Revisited | No | [413] | 2001 | Operations Research | 6 | 65 68 0 | 9 16 | No | n/a |
| JainG01 JainG01 | V. Jain, I. E. Grossmann | Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems | Yes | [448] | 2001 | INFORMS Journal on Computing | 19 | 279 284 321 | 23 38 | 1497 | n/a |
| MartinPY01 MartinPY01 | F. Martin, A. Pinkney, X. Yu | Cane Railway Scheduling via Constraint Logic Programming: Labelling Order and Constraints in a Real-Life Application | Yes | [589] | 2001 | Annals of Operations Research | 17 | 11 0 14 | 0 0 | 1542 | n/a |
| Mason01 Mason01 | A. J. Mason | Elastic Constraint Branching, the Wedelin/Carmen Lagrangian Heuristic and Integer Programming for Personnel Scheduling | Yes | [591] | 2001 | Annals of Operations Research | 38 | 5 0 6 | 0 0 | 1543 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| TrentesauxPT01 TrentesauxPT01 | D. Trentesaux, P. Pesin, C. Tahon | Comparison of constraint logic programming and distributed problem solving: a case study for interactive, efficient and practicable job-shop scheduling | No | [844] | 2001 | Computers Industrial Engineering | 25 | 7 7 9 | 9 26 | No | n/a |
| ArtiguesR00 ArtiguesR00 | C. Artigues, F. Roubellat | A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes | Yes | [48] | 2000 | European Journal of Operational Research | 20 | 84 85 86 | 3 8 | 1368 | n/a |
| BaptisteP00 BaptisteP00 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [69] | 2000 | Constraints An Int. J. | 21 | 46 0 62 | 0 0 | 1376 | 1771 |
| BeckF00 BeckF00 | J. C. Beck, M. S. Fox | Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics | Yes | [97] | 2000 | Artificial Intelligence | 51 | 24 24 36 | 19 76 | 1384 | n/a |
| BeckF00a BeckF00a | J. C. Beck, M. S. Fox | Constraint-directed techniques for scheduling alternative activities | Yes | [96] | 2000 | Artificial Intelligence | 40 | 48 48 60 | 10 44 | 1385 | n/a |
| BruckerK00 BruckerK00 | P. Brucker, S. Knust | A linear programming and constraint propagation-based lower bound for the RCPSP | Yes | [169] | 2000 | European Journal of Operational Research | 8 | 66 67 80 | 8 12 | 1411 | n/a |
| Dorndorf2000 Dorndorf2000 | U. Dorndorf, E. Pesch, T. Phan-Huy | Constraint propagation techniques for the disjunctive scheduling problem | Yes | [258] | 2000 | Artificial Intelligence | 52 | 47 47 51 | 33 62 | 1432 | n/a |
| HarjunkoskiJG00 HarjunkoskiJG00 | I. Harjunkoski, V. Jain, I. E. Grossman | Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems | Yes | [389] | 2000 | Computers Chemical Engineering | 7 | 44 44 49 | 3 9 | 1477 | n/a |
| HeipckeCCS00 HeipckeCCS00 | S. Heipcke, Y. Colombani, C. C. B. Cavalcante, C. C. de Souza | Scheduling under Labour Resource Constraints | Yes | [409] | 2000 | Constraints An Int. J. | 8 | 5 0 5 | 0 0 | 1485 | 1772 |
| HookerOTK00 HookerOTK00 | J. N. Hooker, G. Ottosson, E. S. Thorsteinsson, H.-J. Kim | A scheme for unifying optimization and constraint satisfaction methods | Yes | [435] | 2000 | The Knowledge Engineering Review | 20 | 30 30 44 | 0 0 | 1493 | n/a |
| KorbaaYG00 KorbaaYG00 | O. Korbaa, P. Yim, J.-C. Gentina | Solving Transient Scheduling Problems with Constraint Programming | Yes | [488] | 2000 | Eur. J. Control | 10 | 7 7 9 | 4 15 | 1509 | n/a |
| LopezAKYG00 LopezAKYG00 | P. Lopez, H. Alla, O. Korbaa, P. Yim, J.-C. Gentina | Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina | Yes | [560] | 2000 | Eur. J. Control | 4 | 0 0 0 | 0 1 | 1534 | n/a |
| SakkoutW00 SakkoutW00 | H. E. Sakkout, M. G. Wallace | Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling | Yes | [756] | 2000 | Constraints An Int. J. | 30 | 73 0 105 | 0 0 | 1613 | 1773 |
| SchildW00 SchildW00 | K. Schild, J. Würtz | Scheduling of Time-Triggered Real-Time Systems | Yes | [762] | 2000 | Constraints An Int. J. | 23 | 23 0 32 | 0 0 | 1616 | 1774 |
| SimonisCK00 SimonisCK00 | H. Simonis, P. Charlier, P. Kay | Constraint Handling in an Integrated Transportation Problem | Yes | [792] | 2000 | IEEE Intell. Syst. | 7 | 11 11 6 | 5 14 | 1626 | n/a |
| SourdN00 SourdN00 | F. Sourd, W. Nuijten | Multiple-Machine Lower Bounds for Shop-Scheduling Problems | Yes | [797] | 2000 | INFORMS Journal on Computing | 12 | 7 7 8 | 14 23 | 1628 | n/a |
| TorresL00 TorresL00 | P. Torres, P. Lopez | On Not-First/Not-Last conditions in disjunctive scheduling | Yes | [833] | 2000 | European Journal of Operational Research | 12 | 26 26 26 | 13 27 | 1639 | n/a |
| BaptistePN99 BaptistePN99 | P. Baptiste, C. L. Pape, W. Nuijten | Satisfiability tests and time-bound adjustments for cumulative scheduling problems | Yes | [66] | 1999 | Annals of Operations Research | 29 | 72 0 85 | 0 0 | 1377 | n/a |
| BensanaLV99 BensanaLV99 | E. Bensana, M. Lemaître, G. Verfaillie | Earth Observation Satellite Management | Yes | [125] | 1999 | Constraints An Int. J. | 7 | 99 0 150 | 0 0 | 1397 | 1775 |
| HookerO99 HookerO99 | J. N. Hooker, M. Osorio | Mixed logical-linear programming | Yes | [433] | 1999 | Discrete Applied Mathematics | 48 | 92 95 111 | 48 75 | 1492 | n/a |
| JainM99 JainM99 | A. Jain, S. Meeran | Deterministic job-shop scheduling: Past, present and future | Yes | [447] | 1999 | European Journal of Operational Research | 45 | 490 503 630 | 150 262 | 1498 | n/a |
| PesantGPR99 PesantGPR99 | G. Pesant, M. Gendreau, J.-Y. Potvin, J.-M. Rousseau | On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem | Yes | [693] | 1999 | European Journal of Operational Research | 11 | 26 28 32 | 18 24 | 1590 | n/a |

Table 5: ARTICLE (Total 389)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RodosekWH99 RodosekWH99 | R. Rodosek, M. G. Wallace, M. Hajian | A new approach to integrating mixed integer programming and constraint logic programming | Yes | [736] | 1999 | Annals of Operations Research | 25 | 53 0 67 | 0 0 | 1602 | n/a |
| BeckDDF98 BeckDDF98 | J. C. Beck, A. J. Davenport, E. D. Davis, M. S. Fox | The ODO project: toward a unified basis for constraint-directed scheduling | Yes | [89] | 1998 | Journal of Scheduling | 37 | 9 8 0 | 0 0 | 1383 | n/a |
| BeckF98 BeckF98 | J. C. Beck, M. S. Fox | A Generic Framework for Constraint-Directed Search and Scheduling | Yes | [94] | 1998 | AI Mag. | 30 | 0 0 0 | 0 0 | 1386 | n/a |
| BelhadjiI98 BelhadjiI98 | S. Belhadji, A. Isli | Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving | Yes | [113] | 1998 | Constraints An Int. J. | 9 | 3 0 5 | 0 0 | 1394 | 1776 |
| BockmayrK98 BockmayrK98 | A. Bockmayr, T. Kasper | Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming | No | [139] | 1998 | INFORMS Journal on Computing | 14 | 79 79 92 | 27 42 | No | n/a |
| DarbyDowmanL98 DarbyDowmanL98 | K. Darby-Dowman, J. Little | Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming | No | [227] | 1998 | INFORMS Journal on Computing | 11 | 28 28 35 | 6 13 | No | n/a |
| NuijtenP98 NuijtenP98 | W. Nuijten, C. L. Pape | Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler | Yes | [659] | 1998 | J. Heuristics | 16 | 42 0 50 | 0 0 | 1577 | n/a |
| PapaB98 PapaB98 | C. L. Pape, P. Baptiste | Resource Constraints for Preemptive Job-shop Scheduling | Yes | [684] | 1998 | Constraints An Int. J. | 25 | 14 0 19 | 0 0 | 1586 | 1777 |
| Darby-DowmanLMZ97 Darby-DowmanLMZ97 | K. Darby-Dowman, J. Little, G. Mitra, M. Zaffalon | Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem | Yes | [228] | 1997 | Constraints An Int. J. | 20 | 28 28 32 | 5 22 | 1428 | 1778 |
| FalaschiGMP97 FalaschiGMP97 | M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi | Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators | Yes | [289] | 1997 | Inf. Comput. | 27 | 10 10 12 | 9 15 | 1443 | n/a |
| LammaMM97 LammaMM97 | E. Lamma, P. Mello, M. Milano | A distributed constraint-based scheduler | Yes | [518] | 1997 | Artif. Intell. Eng. | 15 | 11 11 13 | 7 28 | 1522 | n/a |
| PintoG97 PintoG97 | J. M. Pinto, I. E. Grossmann | A logic-based approach to scheduling problems with resource constraints | No | [699] | 1997 | Computers Chemical Engineering | 18 | 56 56 60 | 12 24 | No | n/a |
| Zhou97 Zhou97 | J. Zhou | A Permutation-Based Approach for Solving the Job-Shop Problem | Yes | [927] | 1997 | Constraints An Int. J. | 29 | 14 0 16 | 0 0 | 1669 | 1779 |
| BlazewiczDP96 BlazewiczDP96 | J. Błażewicz, W. Domschke, E. Pesch | The job shop scheduling problem: Conventional and new solution techniques | Yes | [173] | 1996 | European Journal of Operational Research | 33 | 344 357 412 | 127 224 | 1399 | n/a |
| NuijtenA96 NuijtenA96 | W. Nuijten, E. H. L. Aarts | A computational study of constraint satisfaction for multiple capacitated job shop scheduling | Yes | [658] | 1996 | European Journal of Operational Research | 16 | 65 65 90 | 6 21 | 1576 | n/a |
| PeschT96 PeschT96 | E. Pesch, U. A. W. Tetzlaff | Constraint Propagation Based Scheduling of Job Shops | No | [695] | 1996 | INFORMS Journal on Computing | 14 | 22 23 17 | 0 0 | No | n/a |
| SadehF96 SadehF96 | N. M. Sadeh, M. S. Fox | Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem | Yes | [752] | 1996 | Artificial Intelligence | 41 | 95 97 131 | 17 56 | 1611 | n/a |
| SmithBHW96 SmithBHW96 | B. M. Smith, S. C. Brailsford, P. M. Hubbard, H. P. Williams | The progressive party problem: Integer linear programming and constraint programming compared | Yes | [795] | 1996 | Constraints An Int. J. | 20 | 56 57 61 | 4 9 | 1627 | n/a |
| Wallace96 Wallace96 | M. G. Wallace | Practical Applications of Constraint Programming | Yes | [875] | 1996 | Constraints An Int. J. | 30 | 87 89 138 | 55 143 | 1649 | 1780 |
| WeilHFP95 WeilHFP95 | G. Weil, K. Heus, P. Francois, M. Poujade | Constraint programming for nurse scheduling | Yes | [885] | 1995 | IEEE Engineering in Medicine and Biology Magazine | 6 | 56 56 68 | 9 21 | 1652 | n/a |
| BeldiceanuC94 BeldiceanuC94 | N. Beldiceanu, E. Contejean | Introducing Global Constraints in CHIP | Yes | [111] | 1994 | Mathematical and Computer Modelling | 27 | 167 169 223 | 8 21 | 1392 | n/a |

Table 5: ARTICLE (Total 389)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pape94 Pape94 | C. L. Pape | Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems | Yes | [681] | 1994 | Intelligent Systems Engineering | 34 | 98 98 103 | 0 53 | 1587 | n/a |
| AggounB93 AggounB93 | A. Aggoun, N. Beldiceanu | Extending CHIP in order to solve complex scheduling and placement problems | Yes | [13] | 1993 | Mathematical and Computer Modelling | 17 | 187 191 214 | 11 36 | 1356 | n/a |
| MintonJPL92 MintonJPL92 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems | Yes | [611] | 1992 | Artificial Intelligence | 45 | 437 440 525 | 13 46 | 1554 | n/a |
| Tay92 Tay92 | D. B. H. Tay | COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling | No | [819] | 1992 | Comput. J. | null | 0 0 0 | 0 0 | No | n/a |
| DincbasSH90 DincbasSH90 | M. Dincbas, H. Simonis, P. V. Hentenryck | Solving Large Combinatorial Problems in Logic Programming | Yes | [252] | 1990 | The Journal of Logic Programming | 19 | 86 85 99 | 9 28 | 1431 | n/a |
| Davis87 Davis87 | E. Davis | Constraint propagation with interval labels | Yes | [231] | 1987 | Artificial Intelligence | 51 | 308 312 332 | 21 51 | 1429 | n/a |

## 3.2 Extracted Concepts

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AbohashimaEG21 [4] | 14 | setup-time, machine, multi-objective, scheduling, order, stochastic, CP, resource, explanation, cmax, transportation | parallel machine | cycle | Python | Gurobi | | | real-world, generated instance, github | genetic algorithm, ant colony, memetic algorithm, machine learning, meta heuristic | 1029 | 1717 |
| AbreuAPNM21 [232] | 20 | multi-objective, make-span, open-shop, order, machine, preempt, multi-agent, breakdown, cmax, tardiness, periodic, scheduling, no-wait, job-shop, distributed, job, resource, order scheduling, release-date, preemptive, completion-time, setup-time, CP, task, stochastic, constraint programming, precedence, flow-shop | parallel machine, OSSP, single machine, Open Shop Scheduling Problem | cycle, noOverlap | Python, C++ | Cplex | medical, patient, automotive | oil industry | generated instance, benchmark, real-world | mat heuristic, meta heuristic, genetic algorithm, simulated annealing, particle swarm, large neighborhood search | 1030 | n/a |
| AbreuN22 [233] | 20 | CP, make-span, flow-time, distributed, resource, batch process, cmax, preemptive, order, tardiness, scheduling, multi-objective, completion-time, machine, job, task, no-wait, open-shop, transportation, stochastic, constraint programming, job-shop, flow-shop, bi-objective, preempt, inventory, setup-time | OSSP, single machine, Open Shop Scheduling Problem | cumulative, noOverlap, cycle | Python | Cplex | medical | chips industry | real-world, benchmark | meta heuristic, simulated annealing, mat heuristic, large neighborhood search, Lagrangian relaxation, ant colony, particle swarm, genetic algorithm | 999 | 1708 |
| AbreuNP23 [234] | 20 | order, completion-time, distributed, job-shop, resource, job, preempt, setup-time, no-wait, scheduling, make-span, tardiness, earliness, two-machine scheduling, energy efficiency, flow-shop, cmax, CP, machine, blocking constraint, stochastic, constraint programming, transportation, open-shop | OSSP, parallel machine, Open Shop Scheduling Problem | noOverlap, Blocking constraint | Python | Cplex, OPL | medical | oil industry | real-world, benchmark | genetic algorithm, mat heuristic, meta heuristic, simulated annealing, timetabling, large neighborhood search | 964 | 1687 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AbreuPNF23 [5] | 12 | distributed, preemptive, job-shop, due-date, no-wait, flow-shop, constraint programming, completion-time, CP, stochastic, sustainability, setup-time, open-shop, order, order scheduling, multi-objective, transportation, bi-objective, job, scheduling, machine, make-span, periodic, tardiness, earliness, preempt, resource | RCPSP, parallel machine, OSSP, Open Shop Scheduling Problem | cumulative, disjunctive, noOverlap | Python | Cplex, OPL | medical, robot | | real-life, benchmark, real-world | lazy clause generation, meta heuristic, ant colony, NEH, large neighborhood search, mat heuristic, simulated annealing, genetic algorithm | 965 | n/a |
| Adelgren2023 [11] | 12 | setup-time, preempt, order, inventory, distributed, CP, resource, task, constraint programming, preemptive, release-date, sequence dependent setup, job-shop, transportation, periodic, batch process, completion-time, scheduling, machine, job, re-scheduling, make-span | parallel machine | disjunctive | | Gurobi, Cplex | drone, crew-scheduling, aircraft, operating room, pipeline | | benchmark, real-life, github, generated instance, supplementary material | MINLP, column generation | 966 | 1688 |
| AfsarVPG23 [12] | 14 | transportation, bi-objective, job, constraint programming, precedence, stochastic, task, setup-time, machine, multi-objective, scheduling, preempt, make-span, resource, job-shop, due-date, activity, flow-shop, completion-time, CP, open-shop, order | | disjunctive | | Cplex | | | benchmark, real-life, supplementary material, real-world | reinforcement learning, genetic algorithm, meta heuristic, memetic algorithm, neural network, particle swarm | 967 | 1689 |
| AggounB93 [13] | 17 | job-shop, resource, order, activity, constraint satisfaction, scheduling, task, constraint logic programming, job, due-date, flow-shop, machine, precedence, CLP | | Cardinality constraint, circuit, Arithmetic constraint, disjunctive, Disjunctive constraint, bin-packing, Among constraint, cumulative | Prolog | CHIP, OPL | perfect-square, rectangle-packing | | real-world | simulated annealing | 1344 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AkramNHRSA23 [19] | 16 | CP, resource, task, constraint programming, periodic, completion-time, scheduling, machine, preempt, order, distributed | | cycle, bin-packing | Python | OR-Tools | agriculture, medical | | benchmark | genetic algorithm, reinforcement learning, machine learning, deep learning, GRASP, ant colony, simulated annealing | 968 | 1690 |
| Alaka21 [21] | 11 | CP, precedence, constraint programming, multi-objective, stochastic, completion-time, task, resource, cyclic scheduling, order, machine, scheduling | | cycle | | | | | real-life | meta heuristic, genetic algorithm | 1031 | n/a |
| AlakaP23 [22] | 14 | CP, make-span, resource, cyclic scheduling, precedence, order, scheduling, machine, task, stochastic, multi-objective, constraint programming | | cycle | | Cplex | robot | garment industry | real-life | meta heuristic, ant colony, time-tabling, genetic algorithm | 969 | n/a |
| AlakaPY19 [23] | 9 | scheduling, precedence, CP, machine, stochastic, constraint programming, order, completion-time, cyclic scheduling, multi-objective, task, resource | | bin-packing, cycle | | Cplex | | | real-life | genetic algorithm | 1078 | n/a |
| AlesioBNG15 [24] | 37 | multi-objective, open-shop, order, machine, preempt, periodic, scheduling, resource, job-shop, distributed, constraint optimization, job, activity, constraint programming, preemptive, completion-time, CP, task | | | | Cplex, Ilog Solver, OPL | aircraft, satellite, telescope, automotive | | benchmark, industrial partner | meta heuristic, genetic algorithm, Lagrangian relaxation, memetic algorithm | 1148 | n/a |
| AlfieriGPS23 [25] | 13 | stochastic, constraint programming, flow-time, completion-time, precedence, earliness, scheduling, machine, transportation, tardiness, make-span, inventory, flow-shop, job, CP, Benders Decomposition, multi-objective, setup-time, single-machine scheduling, order, distributed, no-wait, job-shop, resource | single machine, parallel machine | | Java | Cplex | surgery, patient | | benchmark | NEH, memetic algorithm, ant colony, meta heuristic, mat heuristic, particle swarm | 970 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 [30] | 31 | precedence, earliness, scheduling, transportation, periodic, planned maintenance, activity, due-date, re-scheduling, CP, Benders Decomposition, COP, order, distributed, lateness, stochastic, task, constraint programming | | bin-packing | | Cplex | workforce scheduling, maintenance scheduling | electricity industry | real-world, industrial partner | column generation, genetic algorithm, meta heuristic | 1052 | n/a |
| ArkhipovBL19 [37] | 10 | cmax, task, constraint programming, preemptive, completion-time, release-date, precedence, job-shop, constraint satisfaction, scheduling, machine, job, CP, make-span, preempt, order, lateness, resource | parallel machine, Resource-constrained Project Scheduling Problem, psplib, RCPSP | cycle, Cumulatives constraint, cumulative, disjunctive | | Z3 | | | benchmark | sweep, timetabling | 1079 | n/a |
| ArtiguesF07 [44] | 25 | constraint satisfaction, constraint programming, precedence, batch process, sequence dependent setup, make-span, order, machine, preempt, cmax, tardiness, scheduling, resource, job-shop, job, preemptive, completion-time, setup-time, one-machine scheduling, CP | single machine, Resource-constrained Project Scheduling Problem | cycle, disjunctive, Disjunctive constraint | C++ | Ilog Scheduler | semiconductor | | benchmark | large neighborhood search, meta heuristic, edge-finding, genetic algorithm | 1255 | n/a |
| ArtiguesL14 [46] | 17 | task, constraint programming, precedence, make-span, order, preempt, scheduling, re-scheduling, resource, due-date, CSP, transportation, activity, release-date, preemptive, CP | CECSP, CuSP, RCPSP | cumulative | | | | | | energetic reasoning, lazy clause generation, column generation | 1161 | n/a |
| ArtiguesLH13 [47] | 11 | setup-time, preempt, order, CP, resource, task, constraint programming, preemptive, release-date, precedence, periodic, CSP, tardiness, activity, completion-time, constraint satisfaction, due-date, scheduling, machine, job, make-span, unavailability | CuSP, PMSP, parallel machine, single machine | circuit, cumulative | C++ | Cplex, OPL | electroplating hoist | | real-world | energetic reasoning, column generation | 1173 | n/a |
| ArtiguesR00 [48] | 20 | no preempt, lateness, precedence, make-span, order, machine, preempt, cmax, scheduling, re-scheduling, resource, due-date, job-shop, transportation, job, activity, release-date, completion-time, setup-time, earliness, CP | RCMPSP, RCPSP | cumulative, cycle, disjunctive | | | | | | simulated annealing | 1301 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AstrandJZ20 [53] | 13 | task, stochastic, constraint satisfaction, constraint programming, precedence, flow-shop, make-span, order, completion-time, machine, CP, breakdown, periodic, re-scheduling, unavailability, due-date, open-shop, net present value, job, activity, scheduling, resource, CSP, job-shop, setup-time | parallel machine, Resource-constrained Project Scheduling Problem | disjunctive, cycle, alldifferent, Disjunctive constraint | C++ | Gecode | robot | potash industry, mineral industry, mining industry | benchmark, real-world, real-life | large neighborhood search, meta heuristic, genetic algorithm | 1053 | n/a |
| AwadMDMT22 [54] | 22 | order, cmax, tardiness, earliness, scheduling, preempt, task, machine, make-span, preemptive, job-shop, due-date, activity, no-wait, flow-shop, completion-time, lateness, CP, inventory, batch process, resource, breakdown, job, constraint programming, precedence, release-date, stochastic, setup-time | parallel machine | cumulative, disjunctive, span constraint, noOverlap, endBeforeStart, cycle, alternative constraint, alwaysIn | | OPL, Cplex | crew-scheduling | pharmaceutica industry | real-life, benchmark | simulated annealing, meta heuristic, genetic algorithm | 1000 | n/a |
| BadicaBI20 [55] | 17 | constraint programming, precedence, scheduling, task, CLP, machine, make-span, constraint logic programming, manpower, constraint satisfaction, resource, distributed, activity, completion-time, CP, stochastic, order | psplib, Resource-constrained Project Scheduling Problem | bin-packing, Reified constraint, Arithmetic constraint, cycle | Prolog | Gecode, ECLiPSe | business process | | benchmark, real-world | meta heuristic | 1054 | n/a |
| BajestaniB13 [58] | 36 | scheduling, machine, transportation, tardiness, make-span, setup-time, preempt, single-machine scheduling, inventory, due-date, job, re-scheduling, CP, Benders Decomposition, stochastic, breakdown, constraint programming, order, preemptive, precedence, earliness, Logic-Based Benders Decomposition, job-shop, resource, periodic, CSP, reactive scheduling | single machine, parallel machine | GCC constraint, alwaysIn, circuit, IloPulse, Cardinality constraint, cumulative, IloAlwaysIn | | Cplex | railway, maintenance scheduling, aircraft | | | meta heuristic, reinforcement learning, machine learning | 1174 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BajestaniB15 [59] | 16 | completion-time, scheduling, machine, tardiness, make-span, unavailability, planned maintenance, activity, setup-time, preempt, single-machine scheduling, due-date, distributed, flow-shop, job, CP, Benders Decomposition, stochastic, breakdown, constraint programming, flow-time, order, preemptive, precedence, sequence dependent setup, Logic-Based Benders Decomposition, job-shop, resource, periodic | single machine | circuit, disjunctive, cumulative, Disjunctive constraint | | Cplex | railway, robot, semiconductor, maintenance scheduling | semiconductor industry | real-world | genetic algorithm, meta heuristic | 1149 | n/a |
| BandaSC11 [236] | 18 | precedence, constraint optimization, CSP, CP, constraint programming, order, scheduling, task | | | | Ilog Solver | | | benchmark, CSPlib, random instance | | 1200 | n/a |
| BaptisteB18 [64] | 10 | machine, preempt, CP, scheduling, manpower, job, resource, preemptive, task, constraint satisfaction, constraint programming, precedence, make-span, order | psplib, Resource-constrained Project Scheduling Problem, RCPSP, parallel machine | cumulative, bin-packing | | CHIP | | | | lazy clause generation, time-tabling, edge-finding, edge-finder, Lagrangian relaxation | 1102 | n/a |
| BaptisteP00 [69] | 21 | preempt, CP, cmax, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order | RCPSP | cumulative, Disjunctive constraint, disjunctive | C++ | Claire, CHIP, Ilog Scheduler | | | benchmark | energetic reasoning, edge-finding, edge-finder | 1302 | 1771 |
| BaptistePN99 [66] | 29 | cmax, task, constraint programming, preemptive, release-date, precedence, CLP, activity, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, CP, make-span, setup-time, preempt, order, job-shop, resource | Resource-constrained Project Scheduling Problem, CuSP, RCPSP | cumulative, disjunctive | C++ | Claire | | | benchmark, real-life | energetic reasoning, edge-finding | 1317 | n/a |
| BartakCS10 [77] | 31 | scheduling, constraint satisfaction, job-shop, activity, flow-shop, CP, resource, job, CSP, precedence, task, setup-time, machine, order | RCPSP | disjunctive | Prolog | SICStus | | | real-life, real-world, benchmark | | 1219 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BartakS11 [78] | 5 | CSP, multi-agent, CP, distributed, constraint programming, resource, constraint optimization, order, constraint satisfaction, scheduling, task, COP, explanation | Resource-constrained Project Scheduling Problem | cumulative | | OPL | | software industry | random instance, real-world, real-life | | 1201 | 1761 |
| BartakSR08 [83] | 11 | job, constraint programming, CSP, precedence, release-date, stochastic, task, machine, order, cmax, tardiness, lateness, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, activity, flow-shop, completion-time, CP, open-shop, resource | single machine | Disjunctive constraint, cumulative, disjunctive | | | robot | | real-life, real-world | not-last, meta heuristic, edge-finding, not-first | 1246 | n/a |
| BartakSR10 [79] | 31 | job, constraint programming, CSP, precedence, release-date, stochastic, task, CLP, machine, temporal constraint reasoning, order, cmax, tardiness, lateness, multi-agent, scheduling, preempt, make-span, constraint satisfaction, distributed, preemptive, job-shop, due-date, activity, flow-shop, explanation, completion-time, CP, open-shop, resource | single machine, TCSP, Temporal Constraint Satisfaction Problem | Disjunctive constraint, cumulative, disjunctive | | CPO, Choco Solver, OPL | meeting scheduling, robot | | real-life, real-world | sweep, machine learning, not-last, meta heuristic, edge-finding, not-first | 1220 | n/a |
| Beck07 [87] | 29 | order, explanation, CP, tardiness, activity, flow-shop, precedence, resource, job, stochastic, scheduling, machine, job-shop, constraint programming, periodic, constraint satisfaction, make-span | | disjunctive, Disjunctive constraint | | Ilog Scheduler | | | benchmark | systematic local search, machine learning, meta heuristic, genetic algorithm | 1256 | n/a |
| BeckDDF98 [89] | 37 | activity, constraint satisfaction, breakdown, release-date, scheduling, make-span, distributed, task, COP, job, due-date, preempt, precedence, tardiness, flow-time, reactive scheduling, earliness, preemptive, CSP, multi-agent, CP, machine, lateness, re-scheduling, stochastic, inventory, constraint programming, job-shop, resource, transportation, constraint optimization, CLP, order | single machine | cumulative, disjunctive | Prolog, C | OPL | robot, telescope | | real-world | edge-finding, column generation, simulated annealing, genetic algorithm | 1323 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckF00 [97] | 51 | precedence, CLP, job-shop, constraint programming, explanation, due-date, preempt, release-date, task, stochastic, make-span, transportation, CSP, preemptive, reactive scheduling, machine, activity, inventory, resource, constraint satisfaction, job, order, scheduling, CP | single machine | disjunctive, cumulative, Disjunctive constraint, Cardinality constraint | | | robot | | real-world, benchmark | not-last, not-first, edge-finding | 1303 | n/a |
| BeckF00a [96] | 40 | constraint programming, job-shop, constraint satisfaction, stochastic, CSP, activity, CP, make-span, explanation, distributed, resource, precedence, re-scheduling, order, CLP, scheduling, machine, job, task | | disjunctive, Disjunctive constraint, cumulative | | Ilog Solver, Ilog Scheduler | robot | | real-world | not-last, not-first, edge-finding | 1304 | n/a |
| BeckF98 [94] | 30 | precedence, CLP, job-shop, explanation, due-date, preempt, re-scheduling, release-date, task, tardiness, make-span, CSP, preemptive, machine, multi-agent, activity, COP, distributed, inventory, resource, constraint satisfaction, job, order, scheduling, CP | single machine | disjunctive, circuit, cumulative | Prolog | | robot, business process | | real-world, benchmark | deep learning, machine learning, simulated annealing, genetic algorithm, column generation, edge-finding | 1324 | n/a |
| BeckFW11 [93] | 14 | cmax, breakdown, constraint programming, job-shop, constraint satisfaction, preempt, periodic, CP, make-span, explanation, resource, precedence, order, scheduling, completion-time, machine, job | | disjunctive, table constraint, cumulative | C++ | Ilog Scheduler | | | benchmark, real-world | machine learning, meta heuristic, simulated annealing, reinforcement learning | 1202 | n/a |
| BeckR03 [99] | 23 | job-shop, constraint programming, explanation, due-date, re-scheduling, completion-time, earliness, release-date, constraint logic programming, tardiness, make-span, flow-time, machine, activity, breakdown, inventory, flow-shop, resource, constraint satisfaction, job, order, scheduling, CP, precedence | | disjunctive | | Ilog Scheduler, Ilog Solver, Cplex | hoist | | benchmark | genetic algorithm, column generation, edge-finder | 1281 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckW07 [102] | 50 | job-shop, constraint programming, explanation, multi-objective, preempt, re-scheduling, no preempt, task, tardiness, stochastic, make-span, flow-time, reactive scheduling, machine, activity, distributed, flow-shop, resource, job, order, constraint optimization, scheduling, CP, precedence | RCPSP, single machine, Resource-constrained Project Scheduling Problem | Balance constraint | | Ilog Scheduler | robot, telescope | | benchmark | column generation, edge-finder, edge-finding | 1257 | n/a |
| Bedhief21 [103] | 7 | preempt, setup-time, no-wait, scheduling, make-span, sequence dependent setup, due-date, flow-shop, machine, tardiness, constraint programming, completion-time, release-date, CP, no preempt, transportation, job, order | single machine, parallel machine, HFS | noOverlap | | Cplex, OPL | robot, medical | | real-life | meta heuristic, genetic algorithm | 1032 | n/a |
| BegB13 [104] | 23 | CP, re-scheduling, resource, scheduling, machine, breakdown, constraint programming, task, completion-time, order, distributed | TMS | cycle | | | pipeline | | benchmark | | 1175 | n/a |
| BeldiceanuC94 [111] | 27 | task, precedence, CP, scheduling, machine, resource, constraint logic programming, order, completion-time | | circuit, Element constraint, Among constraint, Atmost constraint, diffn, Arithmetic constraint, cycle, bin-packing, cumulative, alldifferent | Prolog | CHIP, CPO, OZ, OPL | car manufacturing, pipeline | | real-world, benchmark, real-life | | 1342 | n/a |
| BeldiceanuCDP11 [109] | 24 | cmax, constraint programming, preemptive, scheduling, preempt, task, CP, resource, order | | disjunctive, diffn, bin-packing, geost, cumulative | Prolog | SICStus, CHIP | rectangle-packing, perfect-square | | benchmark | sweep, energetic reasoning, edge-finding | 1203 | n/a |
| BelhadjiI98 [113] | 9 | job, scheduling, explanation, resource, due-date, CSP, job-shop, task, precedence, release-date, preemptive, order, machine, preempt, constraint satisfaction | JSSP, Temporal Constraint Satisfaction Problem, TCSP | Disjunctive constraint, disjunctive | | | | | real-life | | 1325 | 1776 |
| BenediktMH20 [116] | 19 | task, preemptive, scheduling, machine, sustainability, energy efficiency, job, re-scheduling, CP, preempt, constraint programming, single-machine scheduling, order, job-shop | single machine | noOverlap, endBeforeStart | | Gurobi | robot | | benchmark, generated instance, random instance, github | | 1056 | 1722 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BeniniLMR11 [123] | 27 | one-machine scheduling, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, preempt, tardiness, periodic, scheduling, re-scheduling, resource, CSP, activity, explanation, constraint programming, release-date, energy efficiency, preemptive | SCC, single machine | table constraint, circuit, cumulative | | Cplex, Ilog Scheduler | pipeline | | real-world, benchmark, instance generator | column generation, machine learning | 1204 | n/a |
| BensanaLV99 [125] | 7 | constraint satisfaction, constraint programming, order, CP, CSP, constraint optimization, explanation | | cycle | | Ilog Solver, Cplex | satellite, earth observation | | benchmark | | 1318 | 1775 |
| BidotVLB09 [130] | 30 | job-shop, due-date, activity, CP, inventory, order, breakdown, re-scheduling, reactive scheduling, job, constraint programming, precedence, release-date, stochastic, scheduling, task, machine, tardiness, make-span, resource, periodic, distributed | Resource-constrained Project Scheduling Problem, JSSP | cumulative, disjunctive | C++ | Ilog Scheduler, OPL | telescope, robot | | real-world, real-life | edge-finder, edge-finding | 1234 | n/a |
| BlazewiczDP96 [173] | 33 | CSP, stochastic, due-date, distributed, preempt, make-span, task, precedence, preemptive, flow-shop, CP, no-wait, activity, scheduling, machine, lateness, constraint satisfaction, inventory, job-shop, setup-time, constraint programming, release-date, resource, one-machine scheduling, job, order, completion-time, single-machine scheduling | single machine, parallel machine | disjunctive, cumulative, cycle, Disjunctive constraint | | CHIP, OPL | robot | | benchmark | neural network, edge-finding, simulated annealing, machine learning, energetic reasoning, Lagrangian relaxation, genetic algorithm | 1335 | n/a |
| BlomBPS14 [135] | 19 | task, net present value, CP, stochastic, transportation, Benders Decomposition, order, distributed, resource, scheduling, precedence | | disjunctive | | Cplex | offshore | mineral industry | benchmark, industry partner | MINLP | 1162 | n/a |
| BlomPS16 [136] | 26 | activity, CP, distributed, resource, precedence, producer/consumer, batch process, re-scheduling, order, scheduling, machine, task, transportation | | disjunctive | | Cplex | pipeline, offshore | process industry | industry partner, benchmark | genetic algorithm, Lagrangian relaxation, MINLP | 1132 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BocewiczBB09 [137] | 19 | precedence, scheduling, machine, transportation, periodic, CLP, tardiness, multi-agent, constraint satisfaction, job, CP, order, distributed, job-shop, resource, CSP, constraint logic programming, task, constraint programming, completion-time | | cycle | | | robot | | | not-last | 1235 | n/a |
| BockmayrP06 [140] | 10 | scheduling, resource, due-date, task, constraint programming, release-date, order, CLP, completion-time, machine, CP | | cycle, cumulative | | CHIP | | | real-world | | 1264 | n/a |
| Bonfietti16 [146] | 13 | distributed, activity, scheduling, resource, task, constraint programming, precedence, order, CP, periodic | | cumulative, disjunctive, circuit | C++ | | pipeline | | benchmark | | 1133 | n/a |
| BonfiettiLBM14 [149] | 28 | CSP, constraint satisfaction, precedence, task, buffer-capacity, activity, distributed, machine, scheduling, order, make-span, cyclic scheduling, constraint programming, CP, resource, job, periodic, job-shop | Partial Order Schedule, RCPSP | cycle, circuit, cumulative | | Ilog Solver | hoist, medical, pipeline, robot | | benchmark, real-world, generated instance, industrial instance | time-tabling, sweep | 1163 | n/a |
| BoothTNB16 [156] | 8 | constraint logic programming, scheduling, task, machine, job-shop, activity, completion-time, CP, resource, job, constraint programming, setup-time, order | parallel machine | noOverlap, Disjunctive constraint, cumulative, disjunctive | C++ | OPL, Cplex | robot | | real-world, random instance | | 1134 | n/a |
| BorghesiBLMB18 [157] | 13 | distributed, scheduling, order, make-span, activity, constraint programming, machine, CP, job, re-scheduling, constraint satisfaction, resource, task | | cycle, cumulative | | | high performance computing, supercomputer | | real-life, benchmark | machine learning | 1103 | n/a |
| BosiM2001 [158] | 26 | constraint satisfaction, explanation, single-machine scheduling, scheduling, precedence, make-span, due-date, cmax, CP, machine, constraint programming, CLP, order, release-date, one-machine scheduling, task, job-shop, resource, constraint logic programming, job | single machine | cumulative, Among constraint | Prolog | Ilog Scheduler, CHIP | crew-scheduling | | real-life, real-world | meta heuristic, edge-finding | 1295 | n/a |
| BourreauGGLT22 [162] | 19 | re-scheduling, scheduling, order, CP, resource, job, manpower, no-wait, precedence, transportation, constraint programming | | disjunctive, alldifferent, diffn, Disjunctive constraint, cycle | C++ | Choco Solver, CHIP, Cplex | workforce scheduling, crew-scheduling, maintenance scheduling, airport, nurse | printing industry | real-world, benchmark | large neighborhood search, meta heuristic, column generation, genetic algorithm | 1001 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BridiBLMB16 [166] | 14 | energy efficiency, make-span, machine, CP, tardiness, re-scheduling, sustainability, order, distributed, job, scheduling, resource, activity, stochastic, Pareto, constraint programming | | circuit, cycle, cumulative | | | medical, super-computer | | real-world, real-life | large neighborhood search, meta heuristic, genetic algorithm, machine learning | 1135 | n/a |
| BruckerK00 [169] | 8 | make-span, cmax, preempt, resource, no preempt, preemptive, activity, completion-time, precedence, CP, order, release-date, scheduling | RCPSP, Resource-constrained Project Scheduling Problem, psplib | | | Cplex | | | benchmark | meta heuristic, column generation | 1305 | n/a |
| BukchinR18 [171] | 12 | scheduling, task, machine, job, constraint programming, precedence, CP, order | | cycle, bin-packing | | Cplex | robot | | benchmark | machine learning, time-tabling | 1104 | n/a |
| BulckG22 [855] | 11 | CP, Logic-Based Benders Decomposition, distributed, order, unavailability, scheduling, constraint programming, Benders Decomposition | | | | Gurobi, Cplex | round-robin, travelling tournament problem, tourna-ment, sports scheduling | | real-life, bench-mark | memetic al-gorithm, meta heuris-tic, time-tabling, large neigh-borhood search | 1002 | n/a |
| Caballero23 [175] | 1 | CP, scheduling, resource | Resource-constrained Project Scheduling Problem, RCPSP | | | | | | | | 971 | 1691 |
| CampeauG22 [178] | 18 | activity, explanation, completion-time, precedence, CP, stochastic, order, job, constraint programming, scheduling, task, make-span, net present value, resource | RCPSP, Resource-constrained Project Scheduling Problem, RCPSPDC | noOverlap, endBeforeStart, cumulative, alwaysIn, cycle | Python | Cplex | | mining industry | real-life, real-world | column generation, edge-finding | 1003 | 1709 |
| CarchraeB09 [181] | 26 | make-span, order, machine, tardiness, scheduling, resource, job-shop, job, explanation, constraint programming, earliness, CP, task, constraint satisfaction, precedence | | cumulative | C++ | Ilog Sched-uler, OPL | | | benchmark, real-world | reinforcement learn-ing, meta heuristic, machine learning, sweep, large neighbor-hood search | 1236 | n/a |
| CarlierPSJ20 [187] | 9 | scheduling, machine, job, make-span, preempt, order, CP, resource, task, constraint programming, preemptive, release-date, job-shop, cmax | CuSP, RCPSP | cumulative | | | | | Roadef | energetic reasoning | 1057 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CauwelaertDS20 [197] | 19 | constraint programming, CP, completion-time, resource, job, preemptive, constraint logic programming, job-shop, batch process, sequence dependent setup, precedence, transportation, task, CLP, activity, machine, scheduling, order, make-span, preempt, setup-time | | cycle, Cardinality constraint, cumulative, disjunctive | Java | | patient, container terminal | | real-life, generated instance, benchmark, bitbucket | edge-finding, Lagrangian relaxation, not-last, not-first | 1058 | 1723 |
| CauwelaertLS18 [196] | 36 | CSP, task, activity, machine, scheduling, order, constraint programming, CP, resource, job, constraint logic programming, job-shop | RCPSP, Resource-constrained Project Scheduling Problem, psplib | bin-packing, table constraint, circuit, alldifferent, cumulative, disjunctive, Reified constraint, GCC constraint | Java, Prolog | OPL, Gecode, CHIP | | | benchmark, bitbucket | meta heuristic, time-tabling, sweep, large neighborhood search, not-last, not-first, energetic reasoning, edge-finding | 1105 | 1739 |
| ChenGPSH10 [203] | 10 | activity, job, constraint programming, CSP, precedence, Benders Decomposition, stochastic, open-shop, order, re-scheduling, constraint optimization, scheduling, preempt, manpower, task, machine, make-span, constraint satisfaction, job-shop, due-date, completion-time, lateness, COP, CP, producer/consumer, resource, preemptive, transportation | JSSP | Disjunctive constraint, cumulative, disjunctive, diffn, cycle | C++ | Ilog Scheduler, Ilog Solver | | semiprocess industry, chemistry industry, process industry, chemical industry | real-life | particle swarm, not-last, energetic reasoning, genetic algorithm, time-tabling, neural network | 1221 | n/a |
| CireCH16 [210] | 12 | tardiness, scheduling, constraint programming, Benders Decomposition, constraint satisfaction, task, stochastic, CP, Logic-Based Benders Decomposition, order, make-span, resource, breakdown | | cumulative | | Cplex | | | | mat heuristic | 1136 | n/a |
| ClautiauxJCM08 [211] | 16 | scheduling, order, preempt, activity, constraint programming, CP, job, preemptive, resource, task | | bin-packing, disjunctive, cumulative, Disjunctive constraint | Prolog | Z3, SICStus | | | benchmark | sweep, energetic reasoning | 1247 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CobanH11 [215] | 28 | stochastic, CP, make-span, constraint logic programming, distributed, resource, due-date, re-scheduling, preemptive, order, CLP, scheduling, completion-time, machine, job, task, release-date, tardiness, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, preempt | single machine | cumulative, circuit, noOverlap | | OPL, Cplex | round-robin, tournament, sports scheduling | | random instance | time-tabling | 1205 | n/a |
| ColT2019a [223] | 7 | constraint programming, open-shop, CLP, order, job-shop, resource, job, constraint satisfaction, scheduling, make-span, earliness, CP, machine | PTC | noOverlap, cumulative | Java | OPL, CPO, MiniZinc, OR-Tools | | | benchmark, github, real-world | machine learning, genetic algorithm, large neighborhood search | 1080 | 1733 |
| ColT22 [224] | 19 | setup-time, scheduling, machine, batch process, breakdown, job-shop, constraint programming, task, order, one-machine scheduling, constraint satisfaction, completion-time, constraint logic programming, make-span, no preempt, due-date, COP, distributed, preempt, explanation, preemptive, CLP, multi-objective, open-shop, CP, lateness, CSP, tardiness, transportation, flow-shop, precedence, resource, job | Open Shop Scheduling Problem, FJS, single machine, PMSP, JSSP, OSSP, parallel machine | alldifferent, circuit, cumulative, noOverlap, Arithmetic constraint, disjunctive | C++, Java | OR-Tools, CPO, OPL, MiniZinc, Cplex | robot, semiconductor, oven scheduling | | supplementary material, benchmark, generated instance, github, real-life, real-world | machine learning, genetic algorithm, particle swarm, memetic algorithm, simulated annealing, large neighborhood search | 1005 | 1710 |
| CorreaLR07 [220] | 20 | task, machine, make-span, constraint logic programming, constraint satisfaction, Logic-Based Benders Decomposition, constraint programming, precedence, CP, Benders Decomposition, order, transportation, CSP, release-date, scheduling | parallel machine | disjunctive | | OPL, Cplex, Choco Solver, Ilog Solver | workforce scheduling, container terminal | heavy industry | real-world | column generation | 1258 | n/a |
| CzerniachowskaWZ23 [222 | 14 | periodic, make-span, constraint programming, transportation, flow-shop, activity, task, constraint satisfaction, resource, job-shop, sustainability, multi-objective, scheduling, Pareto, CP, setup-time, machine, order, completion-time, job | JSSP, PTC, parallel machine | endBeforeStart, noOverlap | | CPO, OPL, Cplex | robot, automotive | pharmaceutica industry, manufacturing industry, automotive industry | real-world, benchmark, Roadef | meta heuristic, particle swarm | 972 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Darby-DowmanLMZ97 [228] | 20 | constraint logic programming, scheduling, make-span, resource, CLP, CP, order, CSP, constraint programming, machine, task | single machine, MGAP | disjunctive, Element constraint, span constraint, Disjunctive constraint | Prolog | ECLiPSe, Cplex | pipeline, workforce scheduling, aircraft | | benchmark, real-life, real-world | | 1330 | 1778 |
| Davis87 [231] | 51 | machine, task, constraint satisfaction, job, order, scheduling, CP | | disjunctive, circuit, cycle | | | robot | | | | 1348 | n/a |
| DemasseyAM05 [242] | 14 | preempt, order, CP, resource, CSP, constraint logic programming, task, constraint programming, preemptive, completion-time, release-date, precedence, job-shop, activity, constraint satisfaction, scheduling, machine, job, make-span | Resource-constrained Project Scheduling Problem, psplib, RCPSP, single machine | cumulative, disjunctive, cycle | | Cplex | | | benchmark | edge-finding, energetic reasoning, Lagrangian relaxation, column generation | 1272 | n/a |
| DincbasSH90 [252] | 19 | job-shop, distributed, job, constraint programming, CLP, constraint logic programming, task, precedence, order, machine, scheduling, resource | | Disjunctive constraint, disjunctive, circuit | Prolog | CHIP, OPL | | | real-life | | 1347 | n/a |
| Dorndorf2000 [258] | 52 | explanation, setup-time, preempt, single-machine scheduling, due-date, open-shop, constraint optimization, constraint logic programming, stochastic, breakdown, constraint programming, order, preemptive, precedence, sequence dependent setup, job-shop, resource, CSP, cmax, task, completion-time, constraint satisfaction, scheduling, machine, job, make-span, COP | parallel machine, OSP, Open Shop Scheduling Problem, single machine | disjunctive, cumulative, Disjunctive constraint | | Ilog Scheduler | | | | edge-finding, energetic reasoning | 1306 | n/a |
| DoulabiRP16 [260] | 17 | distributed, scheduling, resource, transportation, stochastic, constraint programming, order, machine, CP, single-machine scheduling | single machine | cycle, bin-packing, Element constraint | | Cplex, OPL | medical, patient, nurse, operating room, rectangle-packing, surgery, steel mill, crew-scheduling, robot | | real-world, generated instance | genetic algorithm, column generation | 1137 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Edis21 [263] | 20 | precedence, resource, job, constraint optimization, stochastic, scheduling, constraint programming, task, order, Pareto, COP, distributed, preempt, preemptive, multi-objective, CP, CSP | | disjunctive, cycle | | Cplex, Z3, OPL | crew-scheduling, medical, robot | | benchmark | MINLP, simulated annealing, meta heuristic, genetic algorithm, particle swarm, ant colony, reinforcement learning | 1034 | n/a |
| ElciOH22 [268] | 15 | resource, due-date, order, tardiness, scheduling, Benders Decomposition, job, task, transportation, stochastic, constraint programming, CP, Logic-Based Benders Decomposition, constraint logic programming, make-span, single-machine scheduling, machine, distributed | single machine | cumulative, disjunctive | Julia | Cplex | patient, crew-scheduling, aircraft, operating room, surgery | | benchmark, random instance, real-life | | 1006 | n/a |
| EmdeZD22 [274] | 30 | constraint logic programming, flow-time, distributed, resource, inventory, precedence, batch process, order, machine, job, no-wait, release-date, transportation, tardiness, scheduling, constraint programming, Benders Decomposition, completion-time, constraint satisfaction, task, open-shop, stochastic, job-shop, CP, Logic-Based Benders Decomposition, make-span, single-machine scheduling, bi-objective | single machine, parallel machine | noOverlap, bin-packing | C | Cplex | pipeline, drone, semiconductor, yard crane, automotive | automotive industry | github, random instance | | 1007 | 1711 |
| EmeretlisTAV17 [275] | 24 | stochastic, constraint programming, Logic-Based Benders Decomposition, CP, completion-time, resource, job, re-scheduling, periodic, explanation, sequence dependent setup, precedence, constraint optimization, task, release-date, tardiness, distributed, machine, multi-objective, scheduling, order, make-span, Benders Decomposition, preempt, setup-time | | cycle, circuit, disjunctive | | | pipeline | | real-life, generated instance | edge-finding, machine learning, meta heuristic, genetic algorithm | 1121 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EscobetPQPRA19 [279] | 10 | task, release-date, Pareto, activity, distributed, machine, multi-objective, scheduling, order, due-date, reactive scheduling, constraint programming, CP, resource, job, periodic, job-shop, batch process, constraint satisfaction | | cycle, alternative constraint, noOverlap, circuit | | OPL, Cplex | energy-price, dairy | food industry, manufacturing industry, dairy industry | | MINLP, meta heuristic | 1082 | n/a |
| EtminaniesfahaniGNMS22 | 10 | order, earliness, cmax, open-shop, resource, CP, preemptive, constraint programming, job, job-shop, preempt, machine, precedence, tardiness, net present value, stochastic, activity, make-span, task, scheduling | RCPSP, Resource-constrained Project Scheduling Problem, psplib, parallel machine | | Python | Cplex, OR-Tools | crew-scheduling, aircraft | | real-world | lazy clause generation, memetic algorithm, mat heuristic, ant colony, Lagrangian relaxation, meta heuristic, large neighborhood search, particle swarm, genetic algorithm | 1008 | n/a |
| EvenSH15a [284] | 16 | distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP | | disjunctive, Disjunctive constraint, cumulative | Java | Choco Solver, OPL | emergency service, evacuation | | real-world, real-life | ant colony, mat heuristic, meta heuristic, column generation, sweep | 1150 | n/a |
| FachiniA20 [285] | 18 | distributed, Logic-Based Benders Decomposition, CP, resource, transportation, constraint programming, Benders Decomposition, inventory, order, constraint logic programming, scheduling, task, machine | HFF | cycle, cumulative | C | Gurobi, OR-Tools | robot, operating room, satellite | | supplementary material, real-world, github, benchmark, real-life | meta heuristic, sweep, large neighborhood search, particle swarm, column generation, mat heuristic, simulated annealing | 1059 | 1724 |
| FahimiOQ18 [287] | 22 | explanation, completion-time, CP, batch process, open-shop, order, job, constraint programming, precedence, scheduling, task, setup-time, machine, make-span, lateness, preempt, sequence dependent setup, constraint satisfaction, resource, distributed, preemptive, job-shop, due-date | Resource-constrained Project Scheduling Problem, psplib, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, alldifferent, Cumulatives constraint | | Choco Solver | | | benchmark, random instance | time-tabling, not-first, sweep, edge-finding, not-last, lazy clause generation | 1106 | 1740 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FalaschiGMP97 [289] | 27 | constraint programming, constraint logic programming, scheduling, CLP, order | | Arithmetic constraint | Prolog | | | | | | 1331 | n/a |
| FallahiAC20 [290] | 18 | resource, COP, transportation, constraint logic programming, task, constraint satisfaction, constraint programming, order, CP, scheduling, CSP, constraint optimization | | cycle | | OR-Tools | nurse, container terminal, workforce scheduling, robot, medical | | real-life, github | Lagrangian relaxation, sweep, simulated annealing, memetic algorithm, large neighborhood search, column generation, neural network, meta heuristic | 1060 | 1725 |
| FanXG21 [292] | 15 | tardiness, multi-objective, stochastic, completion-time, no preempt, breakdown, task, flow-shop, resource, make-span, flow-time, job, order, reactive scheduling, batch process, machine, distributed, precedence, setup-time, job-shop, unavailability, due-date, preempt, earliness, one-machine scheduling, scheduling, CP | single machine, parallel machine | cycle | Python, Java | Cplex, ECLiPSe, Gurobi | semiconductor tournament | manufacturing industry | benchmark | simulated annealing, neural network, ant colony, max-flow, machine learning, meta heuristic | 1035 | n/a |
| FarsiTM22 [293] | 14 | tardiness, earliness, CP, re-scheduling, stochastic, constraint programming, Benders Decomposition, completion-time, multi-objective, periodic, Logic-Based Benders Decomposition, distributed, task, resource, bi-objective, continuous-process, Pareto, no-wait, scheduling, make-span | | alldifferent, circuit | | Cplex | physician, nurse, patient, operating room, surgery, robot, medical | | supplementary material | time-tabling, ant colony, genetic algorithm, meta heuristic | 1009 | 1712 |
| Fatemi-AnarakiTFV23 [294] | 15 | multi-agent, machine, cmax, resource, no-wait, order, completion-time, scheduling, CP, re-scheduling, distributed, constraint programming, job-shop, single-machine scheduling, breakdown, job, transportation, setup-time, task, cyclic scheduling, make-span | parallel machine, single machine | bin-packing, circuit, cycle, disjunctive | Python | Cplex, OPL | electroplating, COVID, robot, hoist, semiconductor | food industry | random instance, github, real-world | ant colony, mat heuristic, meta heuristic, time-tabling | 974 | 1692 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FetgoD22 [298] | 32 | CP, explanation, constraint optimization, preempt, COP, CSP, make-span, resource, precedence, cmax, order, scheduling, constraint programming, completion-time, constraint satisfaction, task | Resource-constrained Project Scheduling Problem, RCPSP, CuSP | cumulative | Java, Python | CHIP, Choco Solver | | | real-world, benchmark | not-first, not-last, edge-finding, lazy clause generation, edge-finder, time-tabling, energetic reasoning, sweep | 1010 | n/a |
| ForbesHJST24 [303] | 15 | Logic-Based Benders Decomposition, job-shop, constraint satisfaction, scheduling, machine, job, re-scheduling, make-span, order, distributed, CP, resource, Benders Decomposition, constraint logic programming, stochastic, task, constraint programming, release-date | | cumulative | Python | Gurobi, OPL | emergency service, surgery, airport, patient, operating room | | benchmark, real-life, github | genetic algorithm | 960 | 1684 |
| FrimodigECM23 [311] | 38 | CP, scheduling, unavailability, task, activity, machine, resource, order, constraint satisfaction, setup-time, constraint programming, Pareto, stochastic, distributed, multi-objective | | bin-packing, cumulative | Python | Chuffed, Cplex, Gecode, MiniZinc | patient, nurse, surgery, radiation therapy, medical, operating room, physician | | real-world, benchmark, instance generator | large neighborhood search, lazy clause generation, column generation | 975 | n/a |
| GarridoAO09 [320] | 30 | multi-objective, CP, task, constraint satisfaction, re-scheduling, precedence, make-span, order, scheduling, resource, CSP, explanation, constraint programming | | disjunctive | Java | OPL, Choco Solver, CPO | airport | | benchmark | | 1237 | n/a |
| GarridoOS08 [321] | 11 | scheduling, resource, CSP, activity, explanation, constraint programming, CP, task, constraint satisfaction, make-span, order, machine | | | Java, C | CPO, Choco Solver | | | real-world | | 1248 | n/a |
| GedikKBR17 [327] | 18 | sequence dependent setup, resource, explanation, constraint programming, CP, setup-time, order, transportation, job, scheduling, task, machine | parallel machine | alternative constraint, cumulative, noOverlap | | OR-Tools, Cplex, Gecode | medical, tournament, nurse | | real-world, benchmark | meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing | 1122 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GedikKEK18 [326] | 11 | resource, preemptive, constraint programming, completion-time, CP, stochastic, setup-time, order, breakdown, multi-objective, transportation, job, scheduling, task, machine, make-span, cmax, due-date, tardiness, preempt, sequence dependent setup | parallel machine, single machine, PMSP | cumulative, noOverlap | | Cplex | medical, nurse, sports scheduling | manufacturing industry | benchmark | meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing, genetic algorithm | 1107 | n/a |
| GoelSHFS15 [346] | 12 | constraint programming, precedence, inventory, setup-time, order, scheduling, task, unavailability, machine, activity, CP, resource, transportation | | cumulative, disjunctive, noOverlap, alwaysEqual constraint, alwaysIn | | OPL, Cplex, CPO | pipeline | gas industry, transportation industry | | large neighborhood search | 1151 | n/a |
| GokPTGO23 [348] | 36 | order, completion-time, multi-objective, activity, constraint satisfaction, distributed, task, resource, bi-objective, job, setup-time, Pareto, scheduling, precedence, make-span, tardiness, multi-agent, CP, machine, re-scheduling, stochastic, inventory, constraint programming, job-shop, transportation | RCPSP, Resource-constrained Project Scheduling Problem | circuit, alldifferent, disjunctive, cumulative, cycle | | OPL | offshore, workforce scheduling, airport, aircraft | airline industry | real-world, github | machine learning, genetic algorithm, meta heuristic, reinforcement learning, large neighborhood search | 977 | 1693 |
| GokgurHO18 [349] | 17 | task, setup-time, CLP, machine, order, cmax, tardiness, earliness, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, due-date, activity, flow-shop, explanation, completion-time, CP, resource, transportation, job, constraint programming, CSP, precedence, release-date | parallel machine, single machine | cumulative, disjunctive, alternative constraint, Channeling constraint, Disjunctive constraint | | OPL, CHIP | robot, semiconductor | | real-life, real-world | mat heuristic, not-last, meta heuristic, edge-finding, energetic reasoning, genetic algorithm, not-first | 1108 | n/a |
| GoldwaserS18 [351] | 32 | constraint programming, order, Logic-Based Benders Decomposition, resource, task, scheduling, machine, transportation, explanation, due-date, flow-shop, CP, Benders Decomposition, constraint optimization | | cumulative | Python | Gurobi, CHIP, Gecode, Chuffed | torpedo | steel industry | github, instance generator, benchmark, generated instance | sweep, column generation, lazy clause generation, simulated annealing, time-tabling | 1109 | 1741 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GombolayWS18 [353] | 20 | scheduling, machine, job, re-scheduling, open-shop, make-span, breakdown, setup-time, multi-agent, preempt, order, distributed, flow-shop, CP, resource, Benders Decomposition, task, constraint programming, preemptive, precedence, Logic-Based Benders Decomposition, job-shop, periodic, completion-time, constraint satisfaction | Resource-constrained Project Scheduling Problem, OSP | cumulative, disjunctive | Java | OPL, Gurobi | robot, patient, aircraft, crew-scheduling | | real-world, instance generator, benchmark | simulated annealing, genetic algorithm, edge-finding, meta heuristic | 1110 | n/a |
| GomesM17 [355] | 10 | Pareto, CP, Logic-Based Benders Decomposition, inventory, setup-time, make-span, single-machine scheduling, machine, distributed, resource, release-date, due-date, order, tardiness, scheduling, Benders Decomposition, completion-time, job, transportation, stochastic | parallel machine, PMSP, single machine | cycle | C++ | Cplex | | | | genetic algorithm, meta heuristic, simulated annealing, Lagrangian relaxation, ant colony | 1123 | n/a |
| GrimesH15 [360] | 17 | job, preempt, flow-shop, setup-time, no-wait, scheduling, precedence, make-span, tardiness, earliness, preemptive, sequence dependent setup, CSP, due-date, batch process, cmax, CP, machine, lateness, constraint programming, job-shop, constraint optimization, open-shop, order, completion-time, constraint satisfaction, release-date, distributed, task, COP, resource | OSP, Open Shop Scheduling Problem, JSSP | noOverlap, disjunctive, IloNoOverlap, cumulative, Balance constraint, endBeforeStart, Disjunctive constraint | | Choco Solver, Mistral, Ilog Scheduler, CPO | semiconductor | semiconductor industry | real-world, benchmark | genetic algorithm, not-first, meta heuristic, not-last, simulated annealing, timetabling, large neighborhood search, particle swarm, memetic algorithm, edge-finding | 1152 | n/a |
| GrimesIOS14 [362] | 16 | completion-time, machine, preempt, CP, periodic, re-scheduling, sustainability, due-date, distributed, activity, scheduling, resource, task, stochastic, constraint programming, preemptive, order | | disjunctive | | Cplex, CHIP | energy-price, real-time pricing, HVAC | | real-world, real-life | machine learning | 1164 | n/a |
| Gronkvist06 [366] | 17 | CP, scheduling, CSP, activity, resource, transportation, constraint logic programming, constraint satisfaction, constraint programming, order | | cycle, GCC constraint, Cardinality constraint | | Ilog Solver, Cplex | aircraft, crew-scheduling, railway, airport | | real-world | column generation, Lagrangian relaxation | 1265 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GuoZ23 [373] | 29 | activity, sequence dependent setup, resource, job, setup-time, stochastic, Benders Decomposition, scheduling, inventory, machine, job-shop, constraint programming, task, order, unavailability, make-span, Logic-Based Benders Decomposition, transportation, distributed, constraint optimization, multi-objective, CP | parallel machine | bin-packing, cycle, Balance constraint | Python | Cplex, Gurobi, SCIP, OPL | railway, drone, medical, physician, operating room, patient, vaccine, COVID, automotive | automotive industry, garment industry | real-world, supplementary material, benchmark, github | machine learning, column generation, ant colony | 979 | 1694 |
| GurEA19 [934] | 24 | order, scheduling, CP, constraint programming, multi-objective, stochastic, re-scheduling, completion-time, Pareto, resource, distributed, job-shop, job | | | | Cplex | medical, surgery, patient, operating room | service industry | real-life | meta heuristic, ant colony, Lagrangian relaxation | 1083 | n/a |
| GurPAE23 [374] | 25 | re-scheduling, order, scheduling, machine, multi-objective, constraint programming, bi-objective, stochastic, CP, distributed, resource, inventory | | cumulative | | Cplex, OPL | patient, operating room, physician, surgery, nurse, COVID | | real-life | neural network, meta heuristic, machine learning | 980 | 1695 |
| GuyonLPR12 [375] | 25 | precedence, CP, Benders Decomposition, order, cmax, release-date, scheduling, preempt, manpower, task, unavailability, machine, make-span, Logic-Based Benders Decomposition, COP, resource, preemptive, job-shop, activity, flow-shop, job, constraint programming, completion-time | parallel machine, single machine | disjunctive, cycle | | Cplex | satellite | | generated instance, benchmark, instance generator | time-tabling, column generation, Lagrangian relaxation, energetic reasoning | 1185 | n/a |
| HachemiGR11 [376] | 16 | constraint programming, precedence, make-span, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, constraint satisfaction, order, scheduling, explanation, resource, job-shop, transportation, job, activity | | GCC constraint, Cardinality constraint, alldifferent, cycle | | OPL, Cplex, Ilog Scheduler | forestry, crew-scheduling | food industry, airline industry, forest industry | | column generation, meta heuristic | 1207 | n/a |
| Ham18 [383] | 14 | cmax, scheduling, inventory, constraint programming, distributed, constraint satisfaction, CP, CSP, batch process, resource, job, due-date, order, precedence, make-span, machine, transportation, task, completion-time, job-shop, sequence dependent setup | parallel machine | endBeforeStart, cumulative, disjunctive, cycle, noOverlap | | Cplex, OPL | semiconductor robot, drone, aircraft | taxi industry | | genetic algorithm, meta heuristic | 1111 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ham18a [377] | 10 | CP, CSP, resource, job, setup-time, scheduling, inventory, machine, batch process, cmax, job-shop, constraint programming, task, order, constraint satisfaction, completion-time, make-span, tardiness, due-date | parallel machine | cycle, noOverlap, alternative constraint, disjunctive, circuit | | Cplex, CPO, OPL | semiconductor drone, robot | | real-world | meta heuristic | 1112 | n/a |
| Ham20a [378] | 9 | CP, precedence, resource, job, multi-agent, scheduling, inventory, machine, batch process, job-shop, constraint programming, task, order, completion-time, make-span, transportation | parallel machine | cycle, noOverlap, endBeforeStart, cumulative | | Cplex, Choco Solver, OPL | semiconductor drone, robot, deep space | | benchmark, generated instance | large neighborhood search, machine learning, meta heuristic | 1063 | n/a |
| HamC16 [384] | 6 | multi-objective, CP, sequence dependent setup, precedence, resource, job, setup-time, scheduling, machine, batch process, cmax, bi-objective, job-shop, constraint programming, task, order, constraint satisfaction, completion-time, make-span, transportation | FJS | alwaysEqual constraint, cycle, endBeforeStart | | Cplex, OPL | semiconductor | pharmaceutical industry | benchmark | particle swarm, meta heuristic, genetic algorithm | 1138 | n/a |
| HamFC17 [380] | 8 | order, batch process, machine, job-shop, preempt, job, scheduling, CP, constraint programming, tardiness, due-date, completion-time, preemptive, inventory, resource, make-span, single-machine scheduling | parallel machine, single machine | cycle, alwaysEqual constraint, bin-packing | | Cplex, OPL | semiconductor robot, drone | semiconductor industry | benchmark | meta heuristic, genetic algorithm | 1124 | n/a |
| HamP21 [381] | 8 | distributed, CP, precedence, resource, job, scheduling, machine, cmax, job-shop, constraint programming, task, order, completion-time, make-span | FJS | noOverlap, endBeforeStart | | Cplex, CPO, OPL | semiconductor drone, robot, aircraft | | real-world, benchmark, github | large neighborhood search, machine learning | 1036 | 1718 |
| HamPK21 [382] | 12 | scheduling, CP, constraint programming, tardiness, multi-objective, completion-time, task, flow-shop, resource, make-span, single-machine scheduling, sequence dependent setup, order, machine, distributed, precedence, cmax, setup-time, job-shop, re-scheduling, bi-objective, job | single machine, FJS, parallel machine | noOverlap, cycle, endBeforeStart | | OPL, Cplex | semiconductor agriculture, robot | | benchmark, github | genetic algorithm, simulated annealing, swarm intelligence, particle swarm, ant colony, Lagrangian relaxation, meta heuristic | 1037 | 1719 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HarjunkoskiG02 [388] | 20 | CLP, scheduling, order, setup-time, activity, single-stage scheduling, constraint programming, machine, flow-shop, CP, job, constraint logic programming, due-date, constraint satisfaction, resource, task, release-date, job-shop | | cumulative | | ECLiPSe, Ilog Scheduler, CHIP, Ilog Solver, Cplex, OPL | | | | simulated annealing, genetic algorithm | 1288 | n/a |
| HarjunkoskiJG00 [389] | 7 | due-date, constraint satisfaction, scheduling, machine, job-shop, CP, order, constraint logic programming, job, CLP | parallel machine | disjunctive | | OPL, ECLiPSe, Ilog Solver, Cplex, CHIP | | | | MINLP | 1307 | n/a |
| HarjunkoskiMBC14 [390] | 33 | distributed, CLP, Benders Decomposition, precedence, lateness, unavailability, task, release-date, activity, setup-time, due-date, breakdown, Pareto, job, continuous-process, batch process, constraint programming, reactive scheduling, make-span, manpower, stochastic, constraint logic programming, make to stock, machine, re-scheduling, multi-objective, earliness, order, job-shop, Logic-Based Benders Decomposition, resource, inventory, CP, COP, periodic, scheduling, transportation, cyclic scheduling, tardiness | single machine | circuit, cycle, disjunctive | | ECLiPSe, CHIP, Gurobi, Cplex, Gecode, SCIP, OPL | dairy, airport, semiconductor, automotive, pipeline | petrochemical industry, oil industry, chemical industry, paper industry, pharmaceutical industry, dairy industry, process industry | benchmark, real-world, real-life | simulated annealing, particle swarm, column generation, MINLP, large neighborhood search, meta heuristic | 1165 | n/a |
| HauderBRPA20 [394] | 14 | setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower | RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem | cumulative, cycle | | OPL, Cplex | aircraft | automobile industry, food-processing industry, steel industry, processing industry | industry partner, benchmark, real-world, supplementary material | particle swarm, genetic algorithm, meta heuristic | 1064 | 1726 |
| HebrardHJMPV16 [397] | 10 | online scheduling, cmax, scheduling, order, make-span, distributed, machine, job, completion-time, resource, task | parallel machine | cumulative | | | satellite, earth observation | | industrial partner | | 1139 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HeckmanB11 [401] | 20 | order, job, CSP, scheduling, Pareto, machine, make-span, tardiness, constraint satisfaction, resource, job-shop, activity, flow-shop, explanation, constraint programming, precedence, CP | | disjunctive, Completion constraint | | Ilog Scheduler | | | benchmark, real-world | simulated annealing, edge-finding, genetic algorithm, meta heuristic, edge-finder | 1208 | n/a |
| HeinzNVH22 [407] | 16 | re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, unavailability, machine, make-span, distributed, flow-shop, completion-time, CP, resource, preemptive, activity, explanation, job, constraint programming, precedence, setup-time, order | parallel machine | cumulative, noOverlap, alternative constraint | | Gurobi | high performance computing, robot, crew-scheduling | | real-world, generated instance, benchmark, gitlab | meta heuristic, genetic algorithm, Lagrangian relaxation | 1012 | 1713 |
| HeinzSB13 [406] | 36 | constraint programming, constraint optimization, order, CSP, completion-time, release-date, resource, job, constraint satisfaction, preempt, scheduling, precedence, COP, due-date, CP, machine, explanation | psplib, single machine, RCPSP, Resource-constrained Project Scheduling Problem | disjunctive, cumulative | | MiniZinc, SCIP, Cplex | satellite | | benchmark | edge-finding, time-tabling | 1176 | 1754 |
| HeinzSSW12 [404] | 12 | explanation, constraint programming, inventory, order, task, constraint satisfaction, CP | | bin-packing | | Cplex | steel mill | steel industry, process industry | CSPlib, real-world | large neighborhood search, column generation | 1186 | 1758 |
| HeipckeCCS00 [409] | 8 | CP, resource, task, constraint programming, preemptive, release-date, precedence, job-shop, activity, completion-time, due-date, scheduling, machine, job, make-span, preempt, order | RCPSP, single machine, Resource-constrained Project Scheduling Problem | disjunctive, cumulative, Disjunctive constraint | | | | | instance generator, benchmark | | 1308 | 1772 |
| HladikCDJ08 [419] | 18 | distributed, activity, Pareto, constraint programming, cyclic scheduling, precedence, multi-objective, preemptive, CLP, completion-time, preempt, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, constraint satisfaction, order, machine, periodic, scheduling, explanation, resource | | cycle | | Choco Solver | automotive, robot, aircraft | | benchmark | genetic algorithm, simulated annealing, neural network | 1249 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker05 [424] | 17 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, explanation, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, CLP, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP, edge-finding | 1273 | 1769 |
| Hooker06 [427] | 19 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 1266 | 1768 |
| Hooker07 [429] | 15 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance, generated instance | MINLP, edge-finding | 1259 | n/a |
| HookerH17 [436] | 24 | preemptive, CLP, CSP, multi-agent, CP, machine, stochastic, constraint programming, one-machine scheduling, job-shop, resource, transportation, constraint optimization, open-shop, Benders Decomposition, order, multi-objective, activity, constraint satisfaction, setup-time, release-date, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming, job, sequence dependent setup, preempt, flow-shop, net present value, explanation, tardiness | Open Shop Scheduling Problem, parallel machine, RCPSP | bin-packing, regular expression, Regular constraint, Cardinality constraint, Among constraint, circuit, cumulative, alldifferent, disjunctive | | OPL, CHIP, SCIP, ECLiPSe, MiniZinc, Ilog Solver | aircraft, crew-scheduling, travelling tournament problem, sports scheduling, operating room, radiation therapy, tournament, nurse, physician | | real-world, real-life | time-tabling, MINLP, bi-partite matching, energetic reasoning, edge-finding, column generation, not-first, not-last, neural network, Lagrangian relaxation | 1125 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HookerO03 [434] | 28 | CLP, CP, machine, constraint programming, one-machine scheduling, resource, Benders Decomposition, order, constraint satisfaction, release-date, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming, job, due-date | | circuit, cumulative, disjunctive | | Ilog Scheduler, OPL, Cplex | | | generated instance | | 1283 | n/a |
| HookerO99 [433] | 48 | CLP, CP, machine, stochastic, constraint programming, job-shop, resource, Benders Decomposition, order, make to order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, explanation | | Disjunctive constraint, disjunctive | C++, Prolog | CHIP, Cplex, Ilog Solver | | chemical industry | | MINLP | 1319 | n/a |
| HookerOTK00 [435] | 20 | order, machine, job, scheduling, explanation, resource, CSP, job-shop, transportation, constraint logic programming, stochastic, constraint programming, CLP, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, constraint satisfaction | | cumulative, Element constraint, disjunctive, Cardinality constraint | | Cplex, Ilog Solver, CHIP, OPL | hoist | | | MINLP | 1309 | n/a |
| HoundjiSW19 [438] | 27 | scheduling, resource, BOM, due-date, transportation, inventory, constraint programming, CP, constraint logic programming, task, order, machine | single machine | alldifferent, GCC constraint, circuit, Cardinality constraint, cumulative | | | | | random instance, benchmark, bitbucket | sweep, column generation, max-flow | 1085 | 1734 |
| HubnerGSV21 [440] | 22 | completion-time, CP, task, stochastic, precedence, reactive scheduling, order, machine, preempt, cmax, tardiness, scheduling, resource, due-date, no-wait, transportation, inventory, job, activity, constraint programming, make-span, preemptive | RCPSPDC, Resource-constrained Project Scheduling Problem, RCPSP | cumulative, cycle, alternative constraint, endBeforeStart | C | Cplex, Gurobi, OPL | automotive, tournament | dismantling industry | real-life, benchmark | large neighborhood search, meta heuristic, mat heuristic, genetic algorithm, simulated annealing | 1038 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IsikYA23 [445] | 28 | tardiness, scheduling, energy efficiency, multi-objective, constraint programming, completion-time, flow-shop, constraint satisfaction, task, no-wait, job-shop, blocking constraint, CP, explanation, earliness, bi-objective, constraint logic programming, preempt, batch process, setup-time, due-date, order, make-span, machine, job, distributed, resource, release-date, transportation, precedence, cmax, sequence dependent setup, breakdown | single machine, parallel machine, HFS | noOverlap, endBeforeStart, Calendar constraint, circuit, Blocking constraint, cumulative | | OPL, Cplex | robot, medical | steel industry | benchmark, generated instance, real-life, real-world | Lagrangian relaxation, energetic reasoning, NEH, GRASP, genetic algorithm, memetic algorithm, machine learning, mat heuristic, meta heuristic, reinforcement learning, neural network, ant colony, particle swarm, simulated annealing | 981 | 1696 |
| JainG01 [448] | 19 | job-shop, constraint satisfaction, job, order, release-date, scheduling, constraint logic programming, CP, CLP, constraint programming, due-date, Benders Decomposition, task, resource, machine, activity | single machine, parallel machine | disjunctive, cumulative | Prolog | Ilog Solver, ECLiPSe, CHIP, OPL, Ilog Scheduler, Cplex | crew-scheduling | | | column generation, MINLP | 1297 | n/a |
| JainM99 [447] | 45 | flow-shop, preempt, constraint satisfaction, one-machine scheduling, job, open-shop, order, release-date, constraint optimization, scheduling, CP, precedence, CLP, cmax, tardiness, stochastic, due-date, re-scheduling, completion-time, CSP, preemptive, lateness, task, resource, make-span, single-machine scheduling, machine, distributed, inventory, job-shop | single machine | disjunctive, cycle | | OPL | semiconductor robot | | real-world, benchmark, real-life | Lagrangian relaxation, edge-finder, memetic algorithm, simulated annealing, meta heuristic, GRASP, neural network, genetic algorithm, machine learning | 1320 | n/a |
| Jans09 [449] | 14 | distributed, CP, scheduling, sequence dependent setup, resource, job, setup-time, multi-agent, inventory, machine, order | single machine, parallel machine | | | Cplex | offshore, business process | foundry industry, tire industry, fashion industry, process industry | benchmark | column generation, meta heuristic | 1238 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JussienL02 [455] | 25 | job, constraint programming, CSP, precedence, stochastic, task, CLP, machine, order, constraint logic programming, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, explanation, CP, open-shop, resource | Open Shop Scheduling Problem, TMS | | | | satellite | | benchmark, real-life | genetic algorithm, time-tabling, neural network | 1290 | n/a |
| JuvinHL22 [457] | 32 | precedence, preemptive, completion-time, cmax, CP, machine, re-scheduling, distributed, constraint programming, job-shop, resource, Benders Decomposition, order, activity, constraint satisfaction, setup-time, Pareto, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, job, preempt, flow-shop | parallel machine, single machine, JSSP, FJS | endBeforeStart, disjunctive, Disjunctive constraint, noOverlap, circuit, cumulative | | Cplex, CPO | | | benchmark | meta heuristic, simulated annealing, genetic algorithm | 1014 | n/a |
| JuvinHL23a [459] | 17 | task, machine, make-span, preempt, constraint satisfaction, resource, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, activity, flow-shop, constraint programming, precedence, CP, Benders Decomposition, stochastic, setup-time, order, re-scheduling, job, release-date, scheduling, Pareto | FJS, JSSP, parallel machine, single machine | noOverlap, endBeforeStart, bin-packing, cumulative, circuit, disjunctive, Disjunctive constraint | | CPO, Cplex | vaccine, drone, operating room, COVID | | benchmark | genetic algorithm, machine learning, simulated annealing, meta heuristic | 982 | n/a |
| Kameugne15 [462] | 2 | resource, preemptive, completion-time, constraint programming, scheduling, task, preempt | | cumulative | | | | | | not-last, not-first, edge-finding | 1153 | 1747 |
| KameugneF13 [465] | 21 | order, task, release-date | | cumulative | | | | | | not-first | 1177 | n/a |
| KameugneFSN14 [467] | 27 | completion-time, preemptive, CP, scheduling, CLP, precedence, job-shop, release-date, resource, job, order, constraint programming, preempt, make-span, task | RCPSP, psplib, CuSP, Resource-constrained Project Scheduling Problem | disjunctive, cumulative | | CHIP, Gecode | | | random instance, benchmark | edge-finding, not-first, edge-finder, time-tabling, energetic reasoning, not-last | 1166 | 1753 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KelbelH11 [470] | 10 | due-date, preempt, precedence, tardiness, earliness, CSP, CP, machine, inventory, constraint programming, job-shop, resource, order, completion-time, constraint satisfaction, release-date, scheduling, make-span, distributed, task, job | JSSP | cumulative, disjunctive | | Cplex, Ilog Solver, OPL | | | generated instance, benchmark, random instance | edge-finder, large neighborhood search, edge-finding | 1209 | n/a |
| KhayatLR06 [474] | 15 | order, cmax, scheduling, preempt, task, machine, make-span, constraint satisfaction, job-shop, due-date, constraint logic programming, CP, resource, preemptive, activity, job, constraint programming, precedence, setup-time | | | | OPL, Cplex | | | real-life, benchmark | genetic algorithm | 1267 | n/a |
| KoehlerBFFHPSSS21 [483 | 51 | constraint satisfaction, flow-shop, CSP, job, constraint programming, tardiness, task, multi-objective, scheduling, single-machine scheduling, make-span, resource, precedence, job-shop, order, lateness, CP, machine, one-machine scheduling, flow-time, constraint optimization | CTW, single machine | Channeling constraint, alldifferent, Disjunctive constraint, circuit, cumulative, cycle, disjunctive | C , Python | MiniZinc, OPL, Cplex, Gurobi, OR-Tools, Chuffed, Z3 | cable tree, automotive, robot | | real-world, benchmark, github | ant colony, genetic algorithm, particle swarm, simulated annealing | 1039 | 1720 |
| KorbaaYG00 [488] | 10 | | | | | | | | | | 1310 | n/a |
| KovacsB08 [492] | 7 | order, activity, preempt, release-date, single-machine scheduling, scheduling, job, preemptive, machine, tardiness, constraint programming, CSP, completion-time, CP, resource | single machine | disjunctive, Disjunctive constraint, bin-packing, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint | | Ilog Solver, Ilog Scheduler | aircraft | | benchmark | genetic algorithm, sweep | 1250 | n/a |
| KovacsB11 [493] | 24 | order, activity, preempt, release-date, single-machine scheduling, scheduling, make-span, flow-time, job, preemptive, due-date, flow-shop, machine, precedence, tardiness, constraint programming, earliness, completion-time, CP, distributed, job-shop, resource | single machine, parallel machine, Resource-constrained Project Scheduling Problem | disjunctive, Disjunctive constraint, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint, Channeling constraint | C++ | Ilog Solver, Ilog Scheduler | | | benchmark | edge-finding, column generation | 1210 | 1762 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KovacsK11 [495] | 24 | Benders Decomposition, order, constraint satisfaction, breakdown, Pareto, release-date, scheduling, task, COP, job, sequence dependent setup, due-date, flow-shop, machine, stochastic, tardiness, constraint programming, constraint optimization, earliness, CSP, completion-time, CP, Logic-Based Benders Decomposition, job-shop, resource, transportation | single machine | cycle, Reified constraint | C++ | Cplex, Ilog Solver, Gecode | | | | | 1211 | 1763 |
| KreterSS17 [500] | 31 | order, scheduling, task, unavailability, machine, make-span, periodic, preempt, resource, preemptive, activity, explanation, constraint programming, completion-time, precedence, CP | Resource-constrained Project Scheduling Problem, RCPSP, parallel machine | IloPulse, cumulative, IloForbidEnd, Pulse constraint, Reified constraint, Calendar constraint, alwaysIn, diffn, cycle, IloAlwaysIn, Element constraint | | MiniZinc, Chuffed, CPO, Cplex, CHIP | | | benchmark | edge-finding, lazy clause generation | 1126 | 1744 |
| KreterSSZ18 [501] | 15 | activity, constraint programming, precedence, release-date, preemptive, completion-time, preempt, CP, task, unavailability, order, machine, tardiness, periodic, scheduling, explanation, resource | Resource-constrained Project Scheduling Problem, RCPSP, psplib | cumulative, Element constraint, Calendar constraint | | Chuffed, Cplex, MiniZinc | | | benchmark | genetic algorithm, particle swarm, GRASP, lazy clause generation, Lagrangian relaxation | 1113 | n/a |
| KuB16 [502] | 9 | earliness, job, order, precedence, make-span, machine, tardiness, completion-time, job-shop, scheduling, constraint programming, constraint satisfaction, CP | | Disjunctive constraint, disjunctive | | Ilog Scheduler, Cplex, SCIP, Gurobi | | | benchmark | meta heuristic, genetic algorithm | 1140 | n/a |
| Kuchcinski03 [503] | 29 | constraint logic programming, task, constraint programming, completion-time, precedence, periodic, CLP, scheduling, job, re-scheduling, CP, multi-objective, order, distributed, job-shop, resource, CSP, constraint optimization | | Reified constraint, Disjunctive constraint, Arithmetic constraint, diffn, cumulative, circuit, Element constraint, disjunctive, Diff2 constraint, cycle | Prolog, Java | SICStus, CHIP | pipeline | | benchmark | genetic algorithm, meta heuristic, edge-finding | 1284 | n/a |
| KuchcinskiW03 [504] | 15 | distributed, precedence, CP, CSP, scheduling, constraint programming, resource, constraint logic programming, order | | cycle, circuit, Diff2 constraint | Java | | pipeline | | benchmark | | 1285 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laborie03 [508] | 38 | task, job, preempt, precedence, preemptive, cmax, CP, machine, re-scheduling, inventory, constraint programming, job-shop, resource, order, activity, constraint satisfaction, setup-time, release-date, scheduling, make-span | | cumulative, disjunctive, table constraint, cycle, Balance constraint, Disjunctive constraint | C++ | Ilog Scheduler | | | benchmark | edge-finding, not-first, not-last, time-tabling, energetic reasoning | 1286 | n/a |
| LaborieR14 [513] | 10 | single-machine scheduling, order, breakdown, transportation, job, constraint programming, scheduling, task, machine, net present value, tardiness, earliness, preempt, resource, Logic-Based Benders Decomposition, job-shop, due-date, activity, flow-shop, precedence, CP, Benders Decomposition | single machine, Partial Order Schedule, RCPSP | disjunctive, span constraint, noOverlap, endBeforeStart, cumulative, alternative constraint | | Cplex | satellite, aircraft | | benchmark, real-world | column generation, large neighborhood search, machine learning | 1167 | n/a |
| LaborieRSV18 [512] | 41 | Benders Decomposition, multi-objective, breakdown, manpower, setup-time, order, distributed, Logic-Based Benders Decomposition, job-shop, resource, CSP, net present value, batch process, stochastic, task, constraint programming, release-date, precedence, earliness, sequence dependent setup, scheduling, machine, transportation, periodic, tardiness, make-span, activity, explanation, inventory, due-date, flow-shop, job, re-scheduling, CP | Resource-constrained Project Scheduling Problem, psplib, RCPSP, parallel machine | endBeforeStart, noOverlap, alternative constraint, cumulative, disjunctive, span constraint, cycle, Reified constraint, AlwaysConstant, Disjunctive constraint, alwaysEqual constraint, Arithmetic constraint, Calendar constraint, alwaysIn | Python, C++, C , Java | Ilog Scheduler, OPL, CHIP, Choco Solver, Gecode, Ilog Solver, Cplex, CPO | semiconductor satellite, aircraft, robot, pipeline, shipping line, railway, container terminal | petrochemical industry, chemical industry | CSPlib, benchmark, real-world | edge-finding, large neighborhood search | 1114 | 1742 |
| LacknerMMWW23 [515] | 42 | explanation, CP, scheduling, machine, lateness, constraint optimization, batch process, job-shop, constraint programming, release-date, job, order, tardiness, earliness, setup-time, Pareto, due-date, multi-objective, make-span, task | single machine, parallel machine, OSP | disjunctive, bin-packing, alternative constraint, cumulative, endBeforeStart, noOverlap, Element constraint | | Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools | semiconductor oven scheduling | manufacturing industry, electronics industry, steel industry | zenodo, random instance, benchmark, instance generator, real-life, industrial partner | ant colony, GRASP, simulated annealing, large neighborhood search, time-tabling, particle swarm, meta heuristic, genetic algorithm | 983 | 1697 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LammaMM97 [518] | 15 | CP, CLP, order, CSP, distributed, job-shop, resource, constraint logic programming, job, constraint satisfaction, no-wait, scheduling, precedence, task | | Disjunctive constraint, circuit, disjunctive | C++, Prolog | ECLiPSe, OPL, CHIP | railway, train schedule | | real-life | | 1332 | n/a |
| LetortCB15 [528] | 52 | job, constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource | Resource-constrained Project Scheduling Problem, psplib | cumulative, Cumulatives constraint, cycle, bin-packing | Java, Prolog | Choco Solver, CHIP, SICStus | | | generated instance, benchmark, random instance, Roadef | energetic reasoning, large neighborhood search, meta heuristic, sweep, edge-finding | 1154 | 1748 |
| LiW08 [529] | 18 | activity, setup-time, scheduling, constraint programming, no preempt, constraint satisfaction, CP, CSP, resource, explanation, job, due-date, order, precedence, make-span, machine, preempt, task, completion-time, job-shop, re-scheduling, open-shop, Benders Decomposition, constraint logic programming | RCPSP | disjunctive, bin-packing, cycle | | Ilog Solver, Cplex, ECLiPSe, CHIP, OPL | tournament, travelling tournament problem, astronomy | | real-world | Lagrangian relaxation | 1251 | n/a |
| LiessM08 [532] | 12 | activity, job-shop, CP, make-span, preempt, resource, precedence, preemptive, order, machine, job, cmax, scheduling, constraint programming, constraint satisfaction, task | psplib, Resource-constrained Project Scheduling Problem, RCPSP | cumulative, disjunctive | C++ | | | | benchmark | edge-finding, meta heuristic, large neighborhood search, column generation | 1252 | n/a |
| LimtanyakulS12 [539] | 32 | precedence, constraint optimization, release-date, activity, tardiness, constraint programming, machine, scheduling, order, Benders Decomposition, due-date, stochastic, CP, completion-time, resource, job, COP, CSP, constraint satisfaction | Resource-constrained Project Scheduling Problem | bin-packing, disjunctive, table constraint, Cardinality constraint, cumulative | | Ilog Scheduler, Cplex | robot, automotive | automotive industry | real-life, generated instance, industrial partner, benchmark, random instance | not-last, not-first, genetic algorithm, energetic reasoning, edge-finding | 1187 | 1759 |
| LiuW11 [545] | 10 | periodic, stochastic, inventory, machine, constraint programming, task, order, constraint satisfaction, completion-time, CP, transportation, due-date, distributed, resource, preempt, preemptive, multi-objective, CSP, activity, scheduling, precedence | Resource-constrained Project Scheduling Problem, RCPSP | cumulative | | | robot, train schedule | | | simulated annealing, timetabling, genetic algorithm, neural network, ant colony | 1212 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiM10a [552] | 30 | task, preemptive, completion-time, precedence, scheduling, machine, make-span, activity, preempt, constraint satisfaction, due-date, distributed, job, re-scheduling, CP, Benders Decomposition, stochastic, constraint programming, order, release-date, Logic-Based Benders Decomposition, resource, CSP | TCSP, Resource-constrained Project Scheduling Problem | Disjunctive constraint, cycle, table constraint, span constraint, cumulative, disjunctive | C | Cplex | business process | | benchmark, real-life, real-world | genetic algorithm, sweep | 1224 | n/a |
| LombardiM12 [555] | 35 | precedence, flow-shop, reactive scheduling, sequence dependent setup, make-span, order, machine, preempt, CP, tardiness, re-scheduling, due-date, CSP, distributed, manpower, job, activity, scheduling, explanation, resource, energy efficiency, preemptive, job-shop, transportation, completion-time, setup-time, earliness, Benders Decomposition, Logic-Based Benders Decomposition, task, inventory, stochastic, constraint satisfaction, constraint programming | psplib, Partial Order Schedule, parallel machine, Resource-constrained Project Scheduling Problem, RCPSP | circuit, cycle, cumulative, Disjunctive constraint, disjunctive | | OR-Tools | aircraft | chemical industry | real-world, benchmark | large neighborhood search, lazy clause generation, energetic reasoning, meta heuristic, edge-finding, genetic algorithm | 1188 | 1760 |
| LombardiM12a [554] | 10 | completion-time, precedence, scheduling, make-span, activity, producer/consumer, CP, stochastic, constraint programming, order, resource, CSP | psplib, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive | | Ilog Solver | | | benchmark | | 1189 | n/a |
| LombardiMB13 [557] | 14 | cmax, task, preemptive, completion-time, precedence, scheduling, periodic, make-span, energy efficiency, activity, explanation, preempt, constraint satisfaction, distributed, re-scheduling, CP, multi-objective, stochastic, constraint programming, order, resource, CSP | SCC, RCPSP | cycle, cumulative, circuit | | Gecode, Ilog Solver, OR-Tools | pipeline, medical | | benchmark, real-world | | 1178 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiMRB10 [558] | 31 | constraint programming, stochastic, resource, constraint logic programming, periodic, Benders Decomposition, completion-time, tardiness, Logic-Based Benders Decomposition, distributed, no preempt, preempt, make-span, task, precedence, preemptive, CP, activity, re-scheduling, producer/consumer, scheduling, release-date, order, constraint satisfaction | SCC | table constraint, cumulative, Disjunctive constraint, circuit, disjunctive, cycle, bin-packing | C | ECLiPSe, Cplex | pipeline, semiconductor | semiconductor industry | real-life, real-world, benchmark | genetic algorithm, simulated annealing | 1225 | n/a |
| LopesCSM10 [559] | 39 | distributed, stock level, job-shop, due-date, activity, explanation, CP, resource, transportation, reactive scheduling, job, constraint programming, precedence, inventory, CLP, order, multi-objective, re-scheduling, scheduling, task, make-span | | table constraint, cycle, alldifferent, disjunctive | C++ | Ilog Scheduler, Ilog Solver, OPL | pipeline | oil industry | real-world, benchmark | meta heuristic, MINLP, genetic algorithm, max-flow | 1226 | 1766 |
| LopezAKYG00 [560] | 4 | | | | | | | | | | 1311 | n/a |
| LorigeonBB02 [561] | 8 | resource, cmax, completion-time, scheduling, machine, make-span, unavailability, activity, setup-time, preempt, flow-shop, job, CP, open-shop, order | parallel machine, Open Shop Scheduling Problem | | | Cplex, OPL | | | | | 1291 | n/a |
| LuZZYW24 [564] | 36 | job-shop, CP, explanation, single-machine scheduling, bi-objective, inventory, order, sustainability, machine, job, distributed, resource, transportation, precedence, scheduling, energy efficiency, multi-objective, constraint programming, Benders Decomposition, completion-time, flow-shop, constraint satisfaction, task, stochastic | Resource-constrained Project Scheduling Problem, single machine | cumulative, alwaysIn, disjunctive, noOverlap | Java | Cplex, OPL | energy-price, maintenance scheduling, train schedule, automotive, container terminal, railway | shipping industry | real-life, real-world | evolutionary computing, genetic algorithm, memetic algorithm, meta heuristic, ant colony, particle swarm, simulated annealing, large neighborhood search, column generation | 961 | n/a |
| LunardiBLRV20 [567] | 20 | job-shop, resource, job, order, tardiness, setup-time, constraint programming, preempt, make-span, unavailability, completion-time, flow-shop, CP, activity, re-scheduling, bi-objective, scheduling, due-date, machine, precedence | FJS | endBeforeStart, noOverlap | Python | Cplex | high performance computing | printing industry, glass industry | benchmark, github, random instance, generated instance | meta heuristic, genetic algorithm, large neighborhood search | 1066 | 1727 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MalapertCGJLR12 [579] | 17 | constraint programming, transportation, flow-shop, CSP, order, cmax, open-shop, precedence, constraint satisfaction, completion-time, activity, machine, CP, preemptive, make-span, scheduling, resource, preempt, task, job, job-shop | OSP, Open Shop Scheduling Problem | disjunctive, cycle, Disjunctive constraint, cumulative | Java | Choco Solver | | | benchmark | meta heuristic, genetic algorithm, not-first, not-last, ant colony, edge-finding, particle swarm | 1190 | n/a |
| MalikMB08 [584] | 18 | machine, precedence, distributed, constraint programming, resource, constraint logic programming, order, scheduling | | cycle, Cardinality constraint | | | pipeline | | benchmark | edge-finding | 1253 | n/a |
| MaraveliasCG04 [585] | 29 | manpower, resource, task, inventory, constraint satisfaction, scheduling, order, make-span, activity, continuous-process, constraint programming, flow-shop, CP, job, re-scheduling, due-date | | Balance constraint, cycle, disjunctive | | Cplex, OPL | | chemical industry | | MINLP, edge-finding | 1278 | n/a |
| MarliereSPR23 [587] | 22 | machine, precedence, transportation, job-shop, resource, job, order, constraint satisfaction, energy efficiency, constraint programming, distributed, multi-objective, task, explanation, CP, no-wait, activity, re-scheduling, scheduling | rtRTMP, RTMP | disjunctive, alternative constraint, cumulative, cycle, Disjunctive constraint, circuit, table constraint, noOverlap | | Cplex | railway, robot, train schedule | | benchmark, real-world | quadratic programming, timetabling, Lagrangian relaxation, machine learning, meta heuristic | 984 | n/a |
| MartinPY01 [589] | 17 | CP, order, breakdown, transportation, re-scheduling, constraint programming, scheduling, task, CLP, machine, constraint logic programming, constraint satisfaction, resource | | circuit | Prolog | ECLiPSe, Ilog Solver | train schedule, railway, aircraft | sugar industry | real-life | | 1298 | n/a |
| Mason01 [591] | 38 | cyclic scheduling, order, activity, scheduling, CP, transportation, task | | | | Cplex, OPL | railway, airport, crew-scheduling, workforce scheduling, nurse | airline industry | | Lagrangian relaxation, column generation | 1299 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MejiaY20 [593] | 13 | resource, cmax, sequence dependent setup, due-date, re-scheduling, preemptive, order, tardiness, scheduling, completion-time, machine, job, no-wait, open-shop, release-date, transportation, multi-agent, multi-objective, constraint programming, job-shop, bi-objective, preempt, setup-time, CP, make-span, distributed | OSSP, Open Shop Scheduling Problem, parallel machine | disjunctive, Disjunctive constraint | Java | Cplex, ECLiPSe | agriculture, robot | | supplementary material, benchmark, generated instance | simulated annealing, ant colony, GRASP, particle swarm, genetic algorithm, meta heuristic | 1067 | 1728 |
| MenciaSV12 [595] | 32 | lateness, preempt, sequence dependent setup, constraint satisfaction, resource, flow-time, preemptive, job-shop, job, constraint programming, completion-time, precedence, CP, setup-time, order, cmax, multi-objective, constraint optimization, scheduling, task, machine, make-span, distributed | JSSP, single machine | cycle, Disjunctive constraint, disjunctive | | | steel mill | | benchmark, real-life | edge-finding, genetic algorithm, energetic reasoning, memetic algorithm, time-tabling, simulated annealing | 1192 | n/a |
| MenciaSV13 [596] | 11 | lateness, preempt, sequence dependent setup, constraint satisfaction, resource, flow-time, preemptive, job-shop, flow-shop, job, constraint programming, completion-time, precedence, CP, setup-time, order, cmax, multi-objective, constraint optimization, scheduling, task, machine, make-span | JSSP, single machine | cycle, Disjunctive constraint, disjunctive | | | steel mill | | benchmark, real-life, supplementary material | edge-finding, genetic algorithm, energetic reasoning, time-tabling, simulated annealing, meta heuristic | 1179 | 1755 |
| MengGRZSC22 [597] | 13 | no-wait, distributed, job, job-shop, transportation, setup-time, Benders Decomposition, task, Pareto, constraint programming, bi-objective, precedence, flow-shop, multi-objective, make-span, order, machine, CP, tardiness, scheduling | parallel machine, FJS, HFS, PMSP | | | Cplex, Gurobi, OPL | semiconductor | | benchmark | meta heuristic, genetic algorithm, memetic algorithm | 1016 | n/a |
| MengLZB21 [598] | 14 | flow-shop, machine, tardiness, earliness, completion-time, multi-agent, cmax, CP, distributed, job-shop, resource, transportation, order, multi-objective, setup-time, scheduling, make-span, task, job, sequence dependent setup, due-date | parallel machine, FJS, HFS | endBeforeStart, noOverlap, circuit, alternative constraint, cumulative | | Cplex, OPL, Gurobi | semiconductor | | benchmark | NEH, particle swarm, memetic algorithm, meta heuristic, simulated annealing, genetic algorithm | 1040 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MengZRZL20 [599] | 13 | job-shop, no-wait, flow-shop, completion-time, CP, batch process, open-shop, resource, energy efficiency, flow-time, transportation, job, constraint programming, precedence, Benders Decomposition, cyclic scheduling, task, setup-time, machine, order, cmax, multi-objective, tardiness, earliness, scheduling, preempt, sequence dependent setup, make-span, blocking constraint, distributed, no preempt | parallel machine, FJS, OSP, Open Shop Scheduling Problem, HFS | alternative constraint, Blocking constraint, noOverlap, endBeforeStart | | OR-Tools, Gecode, OPL, Gurobi, Cplex | robot, semiconductor | | benchmark, supplementary material | genetic algorithm, ant colony, particle swarm, simulated annealing, meta heuristic | 1068 | 1729 |
| MercierH07 [601] | 27 | transportation, job, constraint programming, precedence, release-date, CLP, order, scheduling, task, machine, constraint satisfaction, job-shop, due-date, activity, explanation, completion-time, CP, resource | JSSP | cumulative, disjunctive | | CHIP | | steel industry | benchmark | not-last, edge-finder, edge-finding, energetic reasoning, not-first | 1260 | n/a |
| MercierH08 [600] | 11 | preemptive, job, constraint programming, release-date, CLP, order, scheduling, preempt, task, job-shop, due-date, CP, resource | | cumulative, disjunctive | | | | | | edge-finder, edge-finding | 1254 | n/a |
| MilanoW06 [608] | 45 | release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity | single machine, parallel machine | Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint | | CHIP, ECLiPSe, Cplex, OPL | crew-scheduling | | benchmark | column generation, edge-finder, meta heuristic, timetabling, large neighborhood search, Lagrangian relaxation | 1268 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MilanoW09 [609] | 40 | release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity | single machine | Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint | | CHIP, SCIP, ECLiPSe, Cplex, OPL | crew-scheduling | | benchmark | column generation, edge-finder, meta heuristic, lazy clause generation, time-tabling, large neighborhood search, Lagrangian relaxation | 1239 | n/a |
| MintonJPL92 [611] | 45 | CSP, constraint satisfaction, distributed, explanation, job, job-shop, machine, order, periodic, re-scheduling, resource, scheduling, stochastic, task | | cumulative, cycle | Lisp | OPL | astronomy, robot, telescope | | benchmark, real-world | neural network | 1345 | n/a |
| MokhtarzadehTNF20 [613] | 14 | CP, distributed, order, job, constraint programming, machine, task, multi-agent, setup-time, manpower, no-wait, scheduling, make-span, resource, precedence, completion-time | parallel machine | alldifferent, circuit, cycle | | Cplex | robot, crew-scheduling | circuit boards industry | real-world, generated instance | simulated annealing, time-tabling, meta heuristic, particle swarm | 1069 | n/a |
| MontemanniD23 [617] | 13 | constraint programming, resource, order, distributed, sustainability, task, CP, scheduling, machine | | circuit | Python | OPL, OR-Tools, Gurobi | robot, drone | | benchmark, supplementary material | machine learning, swarm intelligence, meta heuristic, ant colony, mat heuristic | 985 | 1698 |
| MontemanniD23a [616] | 20 | explanation, completion-time, task, sustainability, transportation, scheduling, order, constraint programming, CP | | circuit | Python | OR-Tools | drone | | benchmark | meta heuristic, mat heuristic, ant colony | 986 | 1699 |
| MullerMKP22 [622] | 18 | bi-objective, precedence, batch process, multi-objective, make-span, order, machine, preempt, breakdown, cmax, scheduling, sustainability, due-date, no-wait, job, activity, resource, preemptive, job-shop, completion-time, setup-time, CP, online scheduling, task, stochastic, constraint programming | Resource-constrained Project Scheduling Problem, FJS | circuit, disjunctive | Python, Java | Chuffed, Choco Solver, OPL, OR-Tools, Cplex, MiniZinc, Gecode | robot, semiconductor | | random instance, benchmark, github, real-world | reinforcement learning, neural network, meta heuristic, genetic algorithm, deep learning, machine learning | 1017 | 1714 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZ22 [633] | 29 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-life | meta heuristic, memetic algorithm | 1018 | n/a |
| NaderiBZ22a [631] | 19 | job-shop, distributed, transportation, job, constraint programming, precedence, flow-shop, multi-objective, make-span, preemptive, completion-time, setup-time, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, stochastic, re-scheduling, sequence dependent setup, order, machine, preempt, tardiness, scheduling, resource | parallel machine | Disjunctive constraint, noOverlap, disjunctive, endBeforeStart | C++ | CPO, Cplex | nurse, automotive, crew-scheduling, robot, operating room | | benchmark | genetic algorithm, simulated annealing, ant colony, meta heuristic | 1019 | n/a |
| NaderiBZ23 [634] | 32 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | Python | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-world | meta heuristic, memetic algorithm | 987 | n/a |
| NaderiBZR23 [632] | 15 | distributed, transportation, job, activity, constraint programming, precedence, completion-time, setup-time, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, stochastic, re-scheduling, bi-objective, order, machine, breakdown, periodic, scheduling, resource | parallel machine | bin-packing | Python | Cplex | nurse, surgery, automotive, crew-scheduling, medical, patient, operating room | | supplementary material, benchmark, real-world, real-life, generated instance | large neighborhood search, meta heuristic, mat heuristic | 988 | 1700 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiRR23 [637] | 27 | tardiness, flow-shop, earliness, CP, resource, preemptive, transportation, no-wait, job, constraint programming, completion-time, precedence, Benders Decomposition, setup-time, open-shop, order, cmax, re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, machine, make-span, constraint satisfaction, distributed, Logic-Based Benders Decomposition, job-shop, due-date | Open Shop Scheduling Problem, PMSP, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, OSP, PTC, single machine, FJS | Disjunctive constraint, cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint | Python | CPO, Z3, Gurobi, SCIP, Cplex | operating room, automotive, crew-scheduling, airport | | github, benchmark | genetic algorithm, large neighborhood search, meta heuristic | 989 | 1701 |
| NaqviAIAAA22 [638] | 18 | order, distributed, CP, multi-objective, task, constraint programming, scheduling, machine, job, unavailability | TMS | cumulative | | | tournament, round-robin, pipeline, sports scheduling, travelling tournament problem | | real-life, real-world | simulated annealing, time-tabling | 1021 | n/a |
| NattafAL15 [640] | 21 | release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order | CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1155 | 1749 |
| NattafAL17 [641] | 18 | release-date, scheduling, task, make-span, resource, energy efficiency, activity, job, constraint programming, CSP, CP, order | CECSP | disjunctive, cumulative | C++ | Cplex | | | real-world | edge-finding, energetic reasoning | 1127 | 1745 |
| NattafALR16 [642] | 34 | preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date | CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1141 | n/a |
| NattafDYW19 [643] | 16 | job-shop, completion-time, setup-time, stochastic, constraint satisfaction, constraint programming, make-span, order, machine, CP, cmax, periodic, single-machine scheduling, scheduling, job, resource | parallel machine, single machine, PTC | noOverlap, alternative constraint | | OPL, Cplex | semiconductor | lumber industry, semiconductor industry | benchmark | simulated annealing, memetic algorithm, meta heuristic, genetic algorithm | 1087 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NattafHKAL19 [644] | 16 | preempt, single-machine scheduling, order, CP, resource, CSP, task, preemptive, release-date, activity, scheduling, machine, make-span | RCPSP, single machine, CECSP, Resource-constrained Project Scheduling Problem | cumulative | | Cplex | | | real-life, benchmark | energetic reasoning | 1088 | n/a |
| NishikawaSTT19 [650] | 16 | online scheduling, precedence, scheduling, make-span, preempt, activity, distributed, constraint programming, machine, re-scheduling, order, CP, resource, task, preemptive | parallel machine | alternative constraint, cumulative | | Cplex | robot, pipeline | | real-world, benchmark | genetic algorithm, large neighborhood search | 1089 | n/a |
| NovaraNH16 [651] | 17 | job, constraint programming, CSP, precedence, setup-time, order, re-scheduling, tardiness, constraint logic programming, scheduling, sequence dependent setup, manpower, task, machine, make-span, constraint satisfaction, due-date, activity, completion-time, earliness, CP, batch process, resource | | cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint | | OPL, Cplex | | pharmaceutica industry | benchmark, CSPlib | | 1142 | n/a |
| Novas19 [652] | 13 | scheduling, CP, precedence, cmax, job-shop, constraint programming, multi-objective, due-date, completion-time, lateness, release-date, task, tardiness, resource, make-span, flow-time, transportation, sequence dependent setup, machine, no-wait, activity, distributed, inventory, setup-time, flow-shop, constraint satisfaction, job, order | parallel machine, HFS, FJS | cycle, noOverlap, cumulative, endBeforeStart | | OPL, Cplex | medical, semiconductor, robot, train schedule | solar cell industry | benchmark | meta heuristic, swarm intelligence, genetic algorithm, particle swarm | 1090 | n/a |
| NovasH10 [653] | 20 | unavailability, precedence, batch process, due-date, re-scheduling, order, tardiness, scheduling, completion-time, machine, job, task, no-wait, breakdown, periodic, multi-objective, constraint programming, reactive scheduling, CSP, setup-time, manpower, activity, CP, make-span, earliness, resource, lateness | | | | OPL, Ilog Scheduler | pipeline | | | meta heuristic | 1227 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NovasH12 [654] | 17 | precedence, order, scheduling, completion-time, machine, job, task, no-wait, transportation, breakdown, constraint programming, reactive scheduling, activity, CP, make-span, resource | | cycle | | OPL, Ilog Solver, Ilog Scheduler | hoist, electroplating, container terminal, semiconductor, robot | semiconductor industry, electroplating industry | | | 1193 | n/a |
| NovasH14 [655] | 14 | unavailability, precedence, order, scheduling, completion-time, machine, job, task, transportation, multi-objective, constraint programming, job-shop, reactive scheduling, constraint satisfaction, activity, CP, make-span, buffer-capacity, resource | single machine, parallel machine | | | OPL, Ilog Solver, Ilog Scheduler | robot | | benchmark | ant colony, genetic algorithm | 1168 | n/a |
| NuijtenA96 [658] | 16 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | | CPO | | | | time-tabling | 1336 | n/a |
| NuijtenP98 [659] | 16 | scheduling, preempt, manpower, task, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, transportation, reactive scheduling, job, constraint programming, CSP, precedence, setup-time, CLP, single-machine scheduling, order | single machine, JSSP | disjunctive, Disjunctive constraint | C++ | Ilog Solver, OPL, Ilog Scheduler | satellite | | real-life | simulated annealing, edge-finding | 1328 | n/a |
| OhrimenkoSC09 [666] | 35 | scheduling, machine, order, constraint satisfaction, constraint programming, resource, job, completion-time, explanation, open-shop, CSP, make-span, CP | Open Shop Scheduling Problem | Reified constraint, Arithmetic constraint, alldifferent, Cardinality constraint, disjunctive | | Gecode | | | benchmark | lazy clause generation | 1240 | n/a |
| OrnekO16 [668] | 25 | constraint satisfaction, preempt, inventory, setup-time, activity, CP, make-span, earliness, distributed, resource, precedence, cmax, due-date, preemptive, order, tardiness, scheduling, completion-time, machine, job, bill of material, release-date, BOM, multi-objective, constraint programming, job-shop | parallel machine | Disjunctive constraint, cumulative, Element constraint, disjunctive | | Cplex, OPL | | | real-life, real-world | genetic algorithm, meta heuristic, neural network, edge-finding | 1143 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OrnekOS20 [669] | 29 | explanation, CP, machine, stochastic, distributed, constraint programming, resource, order, multi-objective, Pareto, periodic, scheduling | parallel machine | disjunctive, noOverlap | | Cplex | aircraft, airport | | generated instance, real-world | genetic algorithm, time-tabling, large neighborhood search, particle swarm, meta heuristic, simulated annealing | 1022 | n/a |
| OzturkTHO10 [675] | 8 | job, activity, scheduling, resource, setup-time, task, constraint programming, precedence, make-span, order, completion-time, machine, CP, cmax | SBSFMMAL | disjunctive | | Ilog Scheduler, OPL, Ilog Solver, Cplex | robot | | | | 1228 | n/a |
| OzturkTHO12 [674] | 6 | job, activity, scheduling, resource, cyclic scheduling, job-shop, setup-time, task, constraint programming, precedence, make-span, preemptive, order, completion-time, machine, preempt, CP, distributed | | disjunctive, Element constraint, cycle, cumulative | | OPL, Cplex | | | | edge-finding | 1194 | n/a |
| OzturkTHO13 [676] | 36 | job, activity, scheduling, resource, cyclic scheduling, setup-time, constraint logic programming, task, constraint satisfaction, constraint programming, precedence, flow-shop, make-span, preemptive, order, CLP, completion-time, machine, preempt, CP, breakdown, cmax, CSP | SBSFMMAL | Disjunctive constraint, disjunctive, Channeling constraint, cycle, cumulative | | CHIP, OPL, Ilog Solver, Cplex | | | real-world, real-life | genetic algorithm, large neighborhood search, column generation, edge-finding | 1181 | 1756 |
| OzturkTHO15 [677] | 12 | job, activity, scheduling, resource, cyclic scheduling, setup-time, task, inventory, constraint satisfaction, constraint programming, precedence, make-span, preemptive, order, completion-time, machine, preempt, CP, breakdown, distributed | SBSFMMAL | disjunctive, circuit, cycle, cumulative | | OPL, Cplex | | | real-life | large neighborhood search | 1156 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PandeyS21a [680] | 29 | constraint logic programming, scheduling, unavailability, make-span, constraint satisfaction, distributed, activity, flow-shop, completion-time, CP, resource, energy efficiency, re-scheduling, job, constraint programming, CSP, precedence, task, single-machine scheduling, machine, order | PMSP, parallel machine, single machine | cumulative, Pulse constraint, endBeforeStart, alternative constraint | | OPL, Cplex | semiconductor | | benchmark | quadratic programming, column generation, mat heuristic | 1042 | n/a |
| PapaB98 [684] | 25 | reactive scheduling, machine, activity, task, flow-shop, resource, constraint satisfaction, job, order, scheduling, distributed, CP, CLP, cmax, setup-time, job-shop, constraint programming, due-date, preempt, re-scheduling, make-span, completion-time, CSP, preemptive | PJSSP, Resource-constrained Project Scheduling Problem, JSSP | cumulative, table constraint, Disjunctive constraint, Cardinality constraint, disjunctive | C++ | Ilog Solver, CHIP, Claire | hoist | | benchmark | edge-finder, energetic reasoning, edge-finding | 1329 | 1777 |
| Pape94 [681] | 34 | stochastic, multi-agent, inventory, machine, job-shop, constraint programming, task, order, constraint satisfaction, constraint logic programming, CP, activity, due-date, distributed, resource, CLP, release-date, scheduling, precedence, re-scheduling, job | | cumulative, disjunctive | C++, Prolog, Lisp | | | | | | 1343 | n/a |
| PengLC14 [687] | 7 | stochastic, job-shop, CP, earliness, constraint optimization, preempt, COP, CSP, setup-time, make-span, machine, job, distributed, resource, precedence, sequence dependent setup, due-date, preemptive, order, tardiness, scheduling, constraint programming, completion-time, constraint satisfaction, task | single machine | | | | | | real-life, benchmark | genetic algorithm | 1169 | n/a |
| PenzDN23 [688] | 13 | periodic, job-shop, CP, single-machine scheduling, earliness, preempt, COP, setup-time, activity, sustainability, make-span, machine, flow-time, job, resource, one-machine scheduling, release-date, unavailability, breakdown, preemptive, order, tardiness, scheduling, completion-time, stochastic | parallel machine, single machine | | | Cplex | maintenance scheduling, semiconductor | semiconductor industry | | memetic algorithm, meta heuristic, ant colony, simulated annealing | 991 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PesantGPR99 [693] | 11 | job-shop, transportation, constraint logic programming, task, constraint programming, make-span, order, CLP, CP, scheduling, re-scheduling, distributed, inventory, job, resource | | | Prolog, C++ | Ilog Solver, ECLiPSe | | | real-life, benchmark | time-tabling | 1321 | n/a |
| PoderBS04 [701] | 16 | order, activity, release-date, resource, constraint satisfaction, preempt, scheduling, precedence, task, producer/consumer, preemptive, due-date, CP, machine, constraint programming | RCPSP | cumulative | Prolog | CHIP | | chemical industry | | | 1280 | n/a |
| PohlAK22 [702] | 16 | job, resource, lateness, release-date, transportation, precedence, sequence dependent setup, re-scheduling, tardiness, scheduling, constraint programming, completion-time, stochastic, activity, CP, single-machine scheduling, earliness, inventory, setup-time, order, machine | single machine, SCC | cumulative, noOverlap | Python | Cplex, Gurobi | airport, aircraft | | benchmark, real-world | simulated annealing, large neighborhood search, column generation | 1023 | n/a |
| Polo-MejiaALB20 [704] | 18 | setup-time, cmax, precedence, due-date, activity, machine, tardiness, CP, preemptive, make-span, scheduling, completion-time, periodic, multi-objective, resource, preempt, earliness, Benders Decomposition, task, job, constraint programming, order, release-date | RCPSP, Resource-constrained Project Scheduling Problem | alternative constraint, Calendar constraint, endBeforeStart, alwaysIn, Disjunctive constraint, cumulative, noOverlap, disjunctive | C++ | Cplex, CPO | | | github, Roadef | mat heuristic, meta heuristic, particle swarm | 1071 | 1730 |
| PourDERB18 [706] | 12 | multi-objective, COP, constraint satisfaction, CP, stochastic, order, transportation, constraint optimization, job, constraint programming, CSP, scheduling, task, machine | | | | OR-Tools, Cplex | maintenance scheduling, railway, crew-scheduling | | real-world, generated instance, real-life, benchmark | genetic algorithm, meta heuristic, ant colony | 1115 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PrataAN23 [710] | 17 | order, multi-objective, activity, setup-time, release-date, no-wait, single-machine scheduling, scheduling, Logic-Based Benders Decomposition, make-span, task, bi-objective, order scheduling, job, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, CP, machine, lateness, re-scheduling, stochastic, inventory, distributed, constraint programming, job-shop, resource, open-shop, Benders Decomposition | single machine, Open Shop Scheduling Problem, parallel machine | circuit, cumulative | | CHIP | dairy, robot, energy-price, aircraft | manufacturing industry | real-life, benchmark, real-world | mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, timetabling, large neighborhood search, particle swarm | 962 | 1685 |
| QinDCS20 [717] | 18 | order, tardiness, scheduling, completion-time, machine, job, task, transportation, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, CSP, setup-time, activity, CP, make-span, explanation, resource, precedence | parallel machine | noOverlap, endBeforeStart, cycle | | Cplex, OPL | shipping line, container terminal, yard crane | maritime industry, shipping industry | real-life, benchmark | meta heuristic, GRASP, particle swarm | 1072 | n/a |
| QinDS16 [718] | 19 | job, order, scheduling, CP, Logic-Based Benders Decomposition, constraint programming, explanation, stochastic, completion-time, transportation, Benders Decomposition, task, periodic, Pareto, resource, make-span, machine, activity, COP, stock level, constraint satisfaction, bi-objective | parallel machine | alwaysIn, noOverlap | | OPL, SCIP, Cplex | sports scheduling, container terminal, crew-scheduling | | | simulated annealing, meta heuristic, column generation | 1144 | n/a |
| QinWSLS21 [716] | 12 | job-shop, order, completion-time, multi-objective, single-machine scheduling, order scheduling, job, preempt, flow-shop, scheduling, make-span, two-stage scheduling, tardiness, preemptive, batch process, cmax, CP, machine, lateness | single machine | | C++ | OPL, Cplex | tournament, agriculture, semiconductor | semiconductor industry | | particle swarm, ant colony, memetic algorithm, meta heuristic, machine learning, genetic algorithm | 1044 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RasmussenT09 [725] | 15 | scheduling, distributed, CP, Benders Decomposition, constraint logic programming, constraint programming, order | | | | Ilog Solver, Cplex, OPL | sports scheduling, break minimization problem, travelling tournament problem, tournament, round-robin | | benchmark | column generation, simulated annealing, timetabling, meta heuristic | 1241 | n/a |
| ReddyFIBKAJ11 [726] | 24 | distributed, task, CP, activity, CSP, scheduling, constraint optimization, precedence, machine, resource, order, tardiness, constraint satisfaction | | table constraint, bin-packing, cycle | | | satellite, deep space, robot, telescope | | | | 1213 | n/a |
| RiiseML16 [732] | 10 | stochastic, constraint programming, Benders Decomposition, CP, Logic-Based Benders Decomposition, job-shop, resource, job, order, activity, preempt, setup-time, scheduling, make-span, task, due-date | Resource-constrained Project Scheduling Problem, RCPSP | bin-packing | | Cplex | nurse, sports scheduling, operating room, surgery, patient, medical | | real-life, real-world | meta heuristic, column generation, genetic algorithm | 1145 | n/a |
| RodosekWH99 [736] | 25 | constraint programming, CLP, CP, constraint logic programming, task, constraint satisfaction, order, machine, scheduling, resource | | disjunctive, cycle, Disjunctive constraint | Prolog | Cplex, ECLiPSe | hoist, pipeline, crew-scheduling | | benchmark | | 1322 | n/a |
| Rodriguez07 [737] | 15 | blocking constraint, job, scheduling, explanation, resource, due-date, job-shop, transportation, task, activity, constraint programming, precedence, preemptive, preempt, CP, order | | Disjunctive constraint, disjunctive, circuit, Blocking constraint | | Ilog Solver, Z3, Ilog Scheduler, Cplex | railway, satellite, train schedule | | real-life | GRASP, meta heuristic | 1262 | n/a |
| RodriguezDG02 [739] | 10 | constraint programming, resource, order, completion-time, CP, activity, scheduling, transportation | | circuit, disjunctive | | | railway, train schedule | | | edge-finding | 1293 | n/a |
| RoePS05 [741] | 15 | setup-time, job-shop, constraint programming, due-date, continuous-process, re-scheduling, constraint logic programming, tardiness, make-span, lateness, machine, inventory, task, flow-shop, periodic, resource, constraint satisfaction, job, order, batch process, scheduling, distributed, precedence, CLP | | disjunctive, Balance constraint, cumulative, Disjunctive constraint | Prolog | ECLiPSe, CHIP | maintenance scheduling | | | timetabling, MINLP | 1274 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RoshanaeiBAUB20 [742] | 19 | activity, machine, stochastic, sequence dependent setup, CP, scheduling, Logic-Based Benders Decomposition, resource, order, Benders Decomposition, constraint logic programming, job, job-shop, setup-time, bi-objective, constraint programming, distributed, re-scheduling | parallel machine | bin-packing, noOverlap, disjunctive | C++ | Cplex | operating room, nurse, patient, surgery | | real-world, benchmark, generated instance | genetic algorithm, column generation, meta heuristic | 1073 | n/a |
| RoshanaeiLAU17 [744] | 17 | Benders Decomposition, constraint logic programming, stochastic, Logic-Based Benders Decomposition, breakdown, resource, task, job-shop, tardiness, sequence dependent setup, transportation, scheduling, order, make-span, release-date, setup-time, distributed, constraint programming, machine, CP, job, re-scheduling | single machine, parallel machine | bin-packing | | Cplex, Gurobi | operating room, patient, medical, surgery, nurse | | real-world | meta heuristic, column generation | 1128 | n/a |
| RoshanaeiN21 [745] | 14 | due-date, distributed, job, online scheduling, re-scheduling, CP, Benders Decomposition, constraint logic programming, stochastic, setup-time, constraint programming, order, Logic-Based Benders Decomposition, job-shop, resource, completion-time, scheduling, machine, explanation, inventory | parallel machine, OSSP | cumulative, noOverlap | | Cplex, CPO | automotive, operating room, patient, surgery | | benchmark | genetic algorithm, meta heuristic, column generation | 1046 | n/a |
| RuggieroBBMA09 [748] | 14 | Logic-Based Benders Decomposition, CP, resource, energy efficiency, CSP, constraint satisfaction, precedence, task, Pareto, activity, distributed, machine, scheduling, order, Benders Decomposition, preempt, setup-time, constraint programming | | circuit, cumulative, cycle | | Ilog Solver, Cplex, Ilog Scheduler | pipeline, satellite | | instance generator, real-life | genetic algorithm | 1242 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SacramentoSP20 [751] | 33 | CSP, precedence, task, open-shop, activity, distributed, machine, flow-shop, multi-objective, transportation, scheduling, order, make-span, preempt, stochastic, constraint programming, CP, completion-time, resource, job, preemptive, job-shop | parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem | alternative constraint, endBeforeStart, noOverlap, cumulative, disjunctive | Java | Cplex, CPO | container terminal | shipping industry, maritime industry | benchmark, real-life, zenodo, real-world | particle swarm, simulated annealing, meta heuristic, large neighborhood search, mat heuristic, genetic algorithm, machine learning | 1074 | 1731 |
| SadehF96 [752] | 41 | inventory, CSP, activity, CP, make-span, resource, precedence, due-date, re-scheduling, order, tardiness, scheduling, constraint satisfaction, machine, job, task, release-date, multi-agent, stochastic, job-shop | | Disjunctive constraint, cycle, circuit, disjunctive | Lisp, C++ | | robot, aircraft | | benchmark | | 1338 | n/a |
| SadykovW06 [754] | 9 | due-date, constraint programming, completion-time, CP, job, release-date, scheduling, CLP, machine, one-machine scheduling, lateness | parallel machine, single machine | disjunctive, Disjunctive constraint | | CHIP | robot | | generated instance | Lagrangian relaxation, column generation | 1270 | n/a |
| SakkoutW00 [756] | 30 | distributed, preemptive, job-shop, activity, precedence, CP, single-machine scheduling, order, transportation, re-scheduling, reactive scheduling, job, constraint programming, CSP, scheduling, task, machine, preempt, constraint satisfaction, resource | single machine, KRFP | bin-packing, disjunctive, Disjunctive constraint, Arithmetic constraint | | Cplex, CHIP | emergency service, aircraft | | benchmark, real-world | edge-finder, edge-finding, genetic algorithm, simulated annealing | 1312 | 1773 |
| Salido10 [757] | 4 | COP, CP, CSP, activity, constraint programming, constraint satisfaction, distributed, flow-time, job, job-shop, machine, multi-agent, multi-objective, order, preempt, preemptive, resource, scheduling, tardiness, task, transportation | | cycle | | OPL | medical, patient, robot | software industry | benchmark, real-life, real-world | genetic algorithm, time-tabling | 1229 | n/a |
| SchausHMCMD11 [761] | 23 | stochastic, periodic, task, CP, CSP, constraint optimization, constraint programming, constraint logic programming, order | SCC | Element constraint, Cardinality constraint, bin-packing, GCC constraint | | | steel mill | steel industry | CSPlib, generated instance, benchmark | meta heuristic, large neighborhood search | 1214 | 1764 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SchildW00 [762] | 23 | periodic, scheduling, task, constraint logic programming, job, flow-shop, machine, explanation, precedence, CLP, completion-time, distributed, constraint programming, job-shop, resource, order, constraint satisfaction | single machine | disjunctive, Disjunctive constraint, bin-packing, cycle, Reified constraint | | Ilog Solver | automotive | automotive industry, aerospace industry | | edge-finding, time-tabling | 1313 | 1774 |
| SchnellH15 [763] | 21 | preempt, resource, preemptive, activity, explanation, precedence, CP, job, constraint programming, scheduling, machine, make-span, net present value, cmax | psplib, RCPSP, Resource-constrained Project Scheduling Problem | cycle, cumulative | | SCIP | automotive | IT industry | real-life, benchmark, supplementary material | simulated annealing, lazy clause generation, meta heuristic, GRASP | 1157 | 1750 |
| SchnellH17 [764] | 11 | preempt, resource, preemptive, explanation, precedence, CP, order, job, constraint programming, scheduling, machine, make-span, net present value | psplib, RCPSP, Resource-constrained Project Scheduling Problem | cumulative | Java | SCIP | | | benchmark, supplementary material | genetic algorithm, lazy clause generation, meta heuristic, GRASP | 1130 | 1746 |
| SchuttFSW11 [771] | 33 | scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, completion-time, machine, preempt, CP, periodic, constraint satisfaction, open-shop, order | psplib, Resource-constrained Project Scheduling Problem, RCPSP | Disjunctive constraint, span constraint, disjunctive, circuit, cumulative | | ECLiPSe, CHIP, Ilog Scheduler, SICStus | | | benchmark, real-world | not-last, lazy clause generation, not-first, edge-finding, edge-finder | 1215 | 1765 |
| SchuttFSW13 [772] | 17 | scheduling, explanation, resource, task, activity, constraint programming, precedence, release-date, preemptive, CLP, machine, setup-time, preempt, CP, cmax, constraint satisfaction, order | psplib, Resource-constrained Project Scheduling Problem, RCPSP, SCC | disjunctive, cycle, cumulative, Reified constraint | C++ | CHIP | | | supplementary material, benchmark | genetic algorithm, lazy clause generation, meta heuristic | 1182 | 1757 |
| ShaikhK23 [779] | 12 | job, unavailability, machine, constraint programming, CLP, CP, re-scheduling, distributed, job-shop, resource, open-shop, order, activity, constraint satisfaction, scheduling, task | | | | | medical, drone | | benchmark, real-world | genetic algorithm, time-tabling, meta heuristic, machine learning | 992 | 1702 |
| ShinBBHO18 [782] | 16 | order, transportation, job, scheduling, task, machine, preempt, resource, activity, stochastic, inventory | | | | | physician, nurse, patient, medical | | github, real-world | | 1116 | 1743 |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siala15 [783] | 2 | sequence dependent setup, machine, activity, setup-time, job, open-shop, order, scheduling, CP, precedence, cmax, job-shop, constraint programming, explanation, due-date, earliness, task, tardiness, resource, make-span | single machine, OSP, RCPSP, TMS | AmongSeq constraint, circuit, alldifferent, Balance constraint, cumulative, table constraint, GCC constraint, AtMostSeqCard, Reified constraint, Regular constraint, Among constraint, Atmost constraint, Disjunctive constraint, Cardinality constraint, cycle, MultiAtMostSeqCard, disjunctive, CardPath, AtMostSeq | | Ilog Solver, CHIP, Claire, OPL, Mistral | rectangle-packing, automotive | | github, Roadef, CSPlib, real-world, benchmark, random instance | edge-finding, GRASP, time-tabling | 1158 | 1751 |
| SimoninAHL15 [787] | 23 | CP, resource, task, constraint programming, precedence, periodic, activity, scheduling, transportation, make-span, preempt, order, inventory | | disjunctive, span constraint, cycle, cumulative | | CHIP | satellite, pipeline, earth observation, robot | | | sweep | 1159 | 1752 |
| Simonis07 [791] | 30 | CLP, CSP, make to order, CP, re-scheduling, constraint programming, job-shop, resource, transportation, order, activity, constraint satisfaction, setup-time, release-date, periodic, scheduling, task, producer/consumer, bill of material, constraint logic programming, job, sequence dependent setup, due-date, batch process, machine | | GCC constraint, Atmost constraint, diffn, Cardinality constraint, Cumulatives constraint, disjunctive, bin-packing, Among constraint, cumulative, alldifferent, cycle | Prolog | OPL, Ilog Scheduler, CHIP | aircraft, airport, patient, medical, round-robin, business process, nurse | | | sweep, bi-partite matching, meta heuristic, time-tabling | 1263 | 1767 |
| SimonisCK00 [792] | 7 | activity, constraint programming, CP, task, stock level, order, machine, producer/consumer, scheduling, resource, transportation | | disjunctive, bin-packing, circuit, cumulative, diffn, cycle | C++, Prolog | CHIP | business process, crew-scheduling, aircraft | food industry | | | 1314 | n/a |
| SmithBHW96 [795] | 20 | constraint satisfaction, resource, order, constraint programming, CSP, task, CLP, constraint logic programming | | | C++ | OPL, Ilog Solver | | | real-life | | 1339 | n/a |

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| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SourdN00 [797] | 12 | CP, make-span, resource, precedence, cmax, preemptive, order, scheduling, completion-time, constraint satisfaction, machine, job, open-shop, release-date, job-shop, flow-shop, preempt, setup-time | single machine, JSSP | cumulative, disjunctive, Disjunctive constraint | | Ilog Scheduler | robot | | real-life, benchmark | not-first, edge-finding, genetic algorithm | 1315 | n/a |
| SubulanC22 [801] | 38 | tardiness, preempt, resource, preemptive, due-date, activity, completion-time, precedence, CP, stochastic, inventory, order, BOM, breakdown, transportation, constraint programming, scheduling, task, machine, make-span, multi-objective | RCPSP, Resource-constrained Project Scheduling Problem | endBeforeStart, cumulative | | Cplex, OPL | business process, offshore | | real-world, real-life, benchmark | mat heuristic, genetic algorithm, meta heuristic, ant colony, particle swarm | 1025 | n/a |
| SunTB19 [803] | 12 | preempt, constraint satisfaction, job, order, scheduling, CP, precedence, Logic-Based Benders Decomposition, explanation, tardiness, completion-time, transportation, CSP, Benders Decomposition, task, resource, make-span | | | | Cplex | container terminal, yard crane | maritime industry | generated instance, instance generator, benchmark, github, real-life | simulated annealing, meta heuristic, genetic algorithm | 1092 | 1735 |
| SureshMOK06 [806] | 19 | task, stochastic, order, machine, CP, scheduling, buffer-capacity, distributed, job | | cycle, cumulative | | Z3 | tournament | | | genetic algorithm, machine learning | 1271 | n/a |
| TanZWGQ19 [812] | 10 | resource, transportation, Benders Decomposition, order, completion-time, multi-objective, setup-time, periodic, task, job, flow-shop, Pareto, scheduling, precedence, make-span, two-stage scheduling, due-date, batch process, multi-agent, CP, machine, constraint programming | SCC, parallel machine | noOverlap | C++ | Cplex | robot, automotive | | real-world, generated instance, supplementary material | meta heuristic, particle swarm | 1093 | 1736 |
| TangLWSK18 [814] | 28 | preempt, constraint satisfaction, resource, preemptive, activity, job, constraint programming, CP, stochastic, order, multi-objective, transportation, re-scheduling, CSP, scheduling, task | RCPSP | cycle, circuit | C | Cplex, OPL | pipeline, crew-scheduling, railway | | | meta heuristic, genetic algorithm, neural network, particle swarm | 1117 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TerekhovDOB12 [821] | 15 | order scheduling, constraint programming, cmax, resource, periodic, job, Benders Decomposition, completion-time, tardiness, Logic-Based Benders Decomposition, flow-shop, earliness, open-shop, due-date, distributed, preempt, make-span, precedence, single-stage scheduling, inventory, CP, activity, job-shop, scheduling, release-date, machine, lateness, order, constraint satisfaction, single-machine scheduling | parallel machine, RCPSP, Resource-constrained Project Scheduling Problem, single machine | cumulative, Balance constraint, alldifferent, disjunctive | C++ | Ilog Scheduler, Ilog Solver, Cplex | robot | | real-life | meta heuristic, genetic algorithm | 1196 | n/a |
| TerekhovTDB14 [822] | 38 | flow-shop, distributed, no preempt, preempt, make-span, task, preemptive, inventory, CP, activity, re-scheduling, job-shop, scheduling, flow-time, release-date, machine, order, constraint programming, stochastic, cmax, resource, periodic, job, completion-time, tardiness, buffer-capacity, online scheduling | single machine, parallel machine | | | Cplex, Ilog Scheduler | round-robin, semiconductor, robot | | real-world | meta heuristic, genetic algorithm | 1170 | n/a |
| ThiruvadyWGS14 [826] | 34 | explanation, breakdown, precedence, task, make-span, activity, tardiness, distributed, constraint programming, machine, job, scheduling, order, net present value, stochastic, CP, completion-time, resource | single machine, Resource-constrained Project Scheduling Problem, psplib | cumulative | | | | mining industry | benchmark | meta heuristic, Lagrangian relaxation, genetic algorithm, ant colony, simulated annealing, machine learning | 1171 | n/a |
| Timpe02 [829] | 18 | breakdown, inventory, task, resource, make-span, order, machine, activity, stock level, setup-time, job, scheduling, constraint logic programming, CP, producer/consumer, constraint programming, due-date | | Balance constraint, cumulative, cycle, diffn, disjunctive | C++ | CHIP, Cplex | | chemical industry, process industry | | | 1294 | n/a |
| TopaloglugO11 [831] | 10 | scheduling, re-scheduling, CP, multi-objective, preempt, order, distributed, constraint logic programming, task, constraint programming, preemptive, transportation, constraint satisfaction | | | | Cplex, OPL, Ilog Solver | nurse, physician, emergency service, patient, surgery, medical | | real-life | column generation, time-tabling | 1216 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TorresL00 [833] | 12 | precedence, constraint programming, CSP, CP, job-shop, resource, order, constraint satisfaction, preempt, release-date, scheduling, make-span, task, job, preemptive, machine | single machine, JSSP | disjunctive, cumulative, cycle | C++ | | robot | | benchmark | not-last, energetic reasoning, not-first | 1316 | n/a |
| TranAB16 [836] | 13 | sequence dependent setup, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, setup-time, CP, make-span, explanation, single-machine scheduling, constraint logic programming, resource, precedence | PMSP, single machine, parallel machine | cycle, circuit | | SCIP, Gurobi, Cplex | aircraft | | benchmark | simulated annealing, meta heuristic, ant colony, genetic algorithm, column generation | 1146 | n/a |
| TranPZLDB18 [839] | 17 | machine, preempt, periodic, scheduling, resource, distributed, online scheduling, job, energy efficiency, make-span, preemptive, completion-time, CP, task, stochastic, re-scheduling, order | single machine | bin-packing | C++ | Cplex | high performance computing | | generated instance, benchmark | machine learning | 1118 | n/a |
| TranVNB17 [841] | 68 | Benders Decomposition, order, multi-objective, activity, Logic-Based Benders Decomposition, resource, constraint logic programming, job, scheduling, precedence, task, unavailability, multi-agent, CP, machine, re-scheduling, constraint programming, transportation | | alternative constraint, Cardinality constraint, noOverlap, cumulative | | OPL, MiniZinc, Cplex | robot, medical, satellite | | real-world | | 1131 | n/a |
| TrojetHL11 [847] | 7 | job-shop, activity, job, constraint programming, completion-time, CSP, precedence, CP, order, scheduling, task, machine, make-span, constraint satisfaction, distributed, due-date, constraint logic programming, resource | RCPSP | cumulative, disjunctive, diffn, cycle, alldifferent | Prolog | CHIP, SICStus | robot | | real-world | | 1217 | n/a |
| Tsang03 [848] | 2 | resource, constraint programming, explanation, constraint satisfaction, scheduling | | | | | | | real-life | time-tabling | 1287 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UnsalO13 [850] | 15 | constraint programming, CP, preempt, CSP, activity, make-span, machine, resource, unavailability, precedence, due-date, preemptive, order, scheduling, completion-time, job, task, transportation | parallel machine | alldifferent, cumulative, disjunctive | | Ilog Scheduler, Cplex | yard crane, hoist, container terminal | | real-life, instance generator, real-world, benchmark | GRASP, genetic algorithm, meta heuristic, large neighborhood search | 1184 | n/a |
| UnsalO19 [851] | 19 | constraint programming, CP, Logic-Based Benders Decomposition, preempt, COP, activity, explanation, machine, resource, release-date, re-scheduling, preemptive, order, BOM, scheduling, Benders Decomposition, completion-time, stock level, task, transportation | parallel machine | endBeforeStart, disjunctive | | OPL, Cplex | container terminal | | real-world, random instance | genetic algorithm, column generation | 1094 | n/a |
| VilimBC05 [870] | 23 | setup-time, scheduling, make-span, task, job, sequence dependent setup, batch process, machine, precedence, CLP, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity | | disjunctive, cumulative, cycle | | | | | benchmark, real-life | edge-finding, not-first, not-last, sweep | 1275 | 1770 |
| VlkHT21 [873] | 14 | scheduling, CP, Logic-Based Benders Decomposition, constraint programming, explanation, tardiness, stochastic, due-date, completion-time, Benders Decomposition, periodic, online scheduling, resource, no-wait, distributed, precedence, bi-objective, order | PMSP | noOverlap, alternative constraint | | OPL, Cplex, Gurobi, Z3 | automotive, robot | | benchmark, industrial partner, random instance, github | GRASP | 1047 | 1721 |
| Wallace96 [875] | 30 | activity, constraint satisfaction, distributed, task, resource, constraint logic programming, job, explanation, scheduling, reactive scheduling, CSP, multi-agent, CP, machine, stochastic, constraint programming, job-shop, transportation, CLP, Benders Decomposition, order | | circuit, disjunctive, cycle | Lisp, Prolog | CHIP, ECLiPSe, Ilog Solver, OPL | robot, train schedule, airport, railway, telescope, automotive, aircraft | automotive industry, process industry | | column generation, genetic algorithm, neural network, Lagrangian relaxation, simulated annealing, time-tabling | 1340 | 1780 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WallaceY20 [877] | 19 | job-shop, flow-shop, explanation, CP, resource, transportation, bi-objective, job, constraint programming, Benders Decomposition, cyclic scheduling, task, machine, order, scheduling, Logic-Based Benders Decomposition | CHSP | circuit, Disjunctive constraint, cumulative, disjunctive, cycle | | Gecode, MiniZinc, Chuffed, OPL, Gurobi, Cplex | hoist, electroplating, container terminal, robot, yard crane | | real-world, benchmark, random instance, real-life | edge-finding, genetic algorithm, time-tabling, lazy clause generation, meta heuristic | 1075 | 1732 |
| WangMD15 [881] | 13 | stochastic, activity, job-shop, CP, CSP, order, make-span, job, resource, precedence, cmax, re-scheduling, scheduling, multi-objective, constraint programming, completion-time, constraint satisfaction, task, no-wait | | cumulative, noOverlap | | OPL, Cplex | nurse, operating room, physician, medical, patient, surgery | | real-life, real-world | mat heuristic, particle swarm, time-tabling, column generation | 1160 | n/a |
| WeilHFP95 [885] | 6 | task, resource, job, scheduling, CSP, constraint programming, job-shop, order, constraint satisfaction | | cycle, Cardinality constraint | Lisp, Prolog, C++ | CHIP, OPL | patient, medical, nurse | | | | 1341 | n/a |
| WessenCSFPM23 [887] | 34 | precedence, blocking constraint, CP, no-wait, activity, scheduling, multi-agent, job-shop, constraint programming, resource, periodic, job, order, completion-time, flow-shop, distributed, cyclic scheduling, make-span, task | | Blocking constraint, diffn, regular expression, alternative constraint, Regular constraint, cumulative, cycle, circuit | | Gecode, MiniZinc | hoist, satellite, robot | | real-world, benchmark, github | | 993 | 1703 |
| WikarekS19 [888] | 22 | job, constraint programming, CSP, precedence, task, setup-time, CLP, machine, order, cmax, constraint logic programming, multi-agent, scheduling, preempt, manpower, make-span, constraint satisfaction, resource, distributed, preemptive, job-shop, flow-shop, CP, inventory | JSSP, RCPSP | cumulative, disjunctive | | Z3, SCIP, ECLiPSe | robot | | | meta heuristic | 1096 | n/a |
| WuBB09 [898] | 9 | distributed, resource, job, constraint optimization, single-machine scheduling, CSP, scheduling, precedence, constraint satisfaction, stochastic, machine, job-shop, constraint programming, task, order, completion-time, CP, lateness, activity, flow-time, transportation | single machine | Channeling constraint, cumulative | | Ilog Solver | railway, crew-scheduling | | real-world | | 1243 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| YounespourAKE19 [902] | 11 | re-scheduling, resource, inventory, order, cmax, precedence, constraint programming, Pareto, scheduling, completion-time, multi-objective, activity, machine, stochastic, CP, distributed, make-span | | cumulative, noOverlap, alternative constraint, span constraint | | OPL, Z3 | nurse, surgery, medical, operating room, patient | | real-life, real-world | MINLP, ant colony | 1097 | n/a |
| YunusogluY22 [905] | 18 | constraint programming, order, release-date, bi-objective, lateness, precedence, sequence dependent setup, job-shop, resource, batch process, cmax, flow-time, completion-time, earliness, scheduling, machine, transportation, tardiness, make-span, unavailability, activity, setup-time, preempt, inventory, due-date, job, re-scheduling, CP, multi-objective, breakdown | PMSP, parallel machine | bin-packing, cumulative, noOverlap, endBeforeStart | | OPL, Cplex | robot, medical | insulation industry | benchmark, real-life, real-world, generated instance, supplementary material | Lagrangian relaxation, mat heuristic, particle swarm, ant colony, simulated annealing, genetic algorithm, meta heuristic, GRASP | 1026 | 1715 |
| YuraszeckMCCR23 [908] | 11 | flow-time, activity, machine, task, CP, make-span, multi-objective, resource, preempt, batch process, order, job, job-shop, setup-time, cmax, open-shop, precedence, constraint programming, flow-shop, scheduling | RCPSP, Open Shop Scheduling Problem, FJS, OSSP, Resource-constrained Project Scheduling Problem, JSSP | endBeforeStart, cumulative | | OPL, Cplex | | pharmaceutica industry | benchmark, github, real-world | GRASP, mat heuristic, meta heuristic | 994 | 1704 |
| YuraszeckMPV22 [907] | 26 | sequence dependent setup, no-wait, transportation, scheduling, order, make-span, release-date, setup-time, distributed, constraint programming, machine, flow-shop, CP, flow-time, job, re-scheduling, due-date, cyclic scheduling, stochastic, completion-time, resource, task, open-shop, job-shop | Open Shop Scheduling Problem, OSSP, single machine, JSSP | noOverlap, disjunctive, Disjunctive constraint | Java | Cplex | robot, semiconductor, automotive | manufacturing industry | real-life, generated instance, benchmark, github | meta heuristic, mat heuristic, genetic algorithm, ant colony, simulated annealing | 1027 | 1716 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| ZarandiKS16 [911] | 17 | make-span, preemptive, completion-time, machine, preempt, earliness, CP, tardiness, single-machine scheduling, constraint satisfaction, order, distributed, breakdown, job, scheduling, resource, due-date, CSP, job-shop, transportation, task, constraint programming, flow-shop, multi-objective | single machine | | | Ilog Solver | robot | | real-world | time-tabling, meta heuristic, genetic algorithm, machine learning, simulated annealing | 1147 | n/a |
| Zeballos10 [913] | 19 | order, multi-objective, tardiness, scheduling, task, machine, make-span, constraint satisfaction, due-date, activity, completion-time, CP, batch process, resource, breakdown, transportation, constraint programming, CSP, precedence | | | | Ilog Solver, OPL, ECLiPSe, Ilog Scheduler | robot | | | ant colony | 1230 | n/a |
| ZeballosCM10 [914] | 11 | task, constraint programming, earliness, transportation, CLP, batch process, activity, scheduling, machine, job, re-scheduling, make-span, breakdown, order, inventory, flow-shop, CP, resource, reactive scheduling | single machine | circuit | | Ilog Solver, Cplex, Z3, OPL | robot, semiconductor | process industry, semiconductor industry | real-life | simulated annealing, NEH | 1231 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZeballosH05 [915] | 10 | make-span, order, machine, CP, tardiness, scheduling, buffer-capacity, due-date, CSP, job, activity, explanation, resource, transportation, completion-time, task, constraint satisfaction, constraint programming, precedence | | | | OPL, Ilog Solver, Ilog Scheduler | robot | | | genetic algorithm | 1276 | n/a |
| ZeballosNH11 [917] | 17 | due-date, scheduling, job, Benders Decomposition, make-span, manpower, setup-time, preempt, order, inventory, lateness, no-wait, CP, resource, CSP, task, constraint programming, preemptive, precedence, earliness, job-shop, CLP, tardiness, batch process, activity, completion-time, constraint satisfaction | | | | Cplex, ECLiPSe, Ilog Scheduler, OPL, OZ, Ilog Solver | | chemical industry | real-world | meta heuristic | 1218 | n/a |
| ZeballosQH10 [918] | 20 | make-span, breakdown, preempt, order, CP, resource, multi-objective, task, constraint programming, preemptive, precedence, earliness, job-shop, transportation, tardiness, cmax, activity, completion-time, constraint satisfaction, due-date, scheduling, machine, job | | | | ECLiPSe, Ilog Scheduler, OPL, Ilog Solver, Cplex | robot | | real-world, benchmark | ant colony, genetic algorithm | 1232 | n/a |
| ZhangW18 [923] | 18 | job, no-wait, lateness, transportation, unavailability, multi-agent, breakdown, tardiness, scheduling, multi-objective, constraint programming, completion-time, flow-shop, stochastic, setup-time, job-shop, CP, earliness, preempt, flow-time, distributed, resource, precedence, re-scheduling, order, make-span, machine | FJS | cumulative, noOverlap | | Cplex, Z3, OPL | robot | | benchmark | meta heuristic, ant colony, particle swarm, simulated annealing, genetic algorithm, memetic algorithm | 1119 | n/a |
| ZhangYW21 [922] | 10 | job, constraint satisfaction, preempt, setup-time, scheduling, precedence, make-span, task, preemptive, batch process, multi-agent, cmax, CP, machine, re-scheduling, constraint programming, order, multi-objective, activity, release-date, distributed, job-shop, resource | RCPSP, Resource-constrained Project Scheduling Problem | disjunctive, endBeforeStart | | Cplex | robot | | benchmark | memetic algorithm, meta heuristic, simulated annealing, genetic algorithm, particle swarm, ant colony | 1048 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Zhou97 [927] | 29 | job-shop, due-date, constraint programming, task, order, preempt, preemptive, completion-time, constraint logic programming, CP, precedence, job, explanation, CLP, release-date, CSP, scheduling, constraint satisfaction, machine | | Disjunctive constraint, disjunctive, cumulative | Prolog | CHIP, Z3, Ilog Scheduler | | | benchmark | edge-finder, edge-finding | 1334 | 1779 |
| ZhuSZW23 [930] | 22 | order, scheduling, completion-time, machine, job, task, open-shop, transportation, multi-agent, cmax, constraint programming, job-shop, Benders Decomposition, Logic-Based Benders Decomposition, constraint satisfaction, preempt, CSP, setup-time, CP, make-span, distributed, resource, inventory, precedence, re-scheduling | | alternative constraint, disjunctive, noOverlap, endBeforeStart | | Cplex | robot | cable industry | real-world, benchmark | ant colony, particle swarm, genetic algorithm, column generation | 995 | n/a |
| ZouZ20 [933] | 10 | resource, explanation, multi-objective, CSP, scheduling, constraint satisfaction, stochastic, constraint programming, task, order, completion-time, CP, activity, two-stage scheduling, precedence, distributed | | noOverlap, span constraint, endBeforeStart, cumulative | | Cplex, OPL | pipeline | | benchmark | meta heuristic, genetic algorithm | 1077 | n/a |
| abs-0907-0939 [696] | 12 | constraint programming, resource, explanation, CSP, due-date, preempt, make-span, task, preemptive, CP, activity, scheduling, release-date, order | | Cumulatives constraint, RelSoftCumulativeSum, cumulative, SoftCumulative, SoftCumulativeSum, Cardinality constraint, RelSoftCumulative | Java | Choco Solver, CHIP | | | real-world | sweep, energetic reasoning, edge-finding | 1245 | n/a |
| abs-1009-0347 [770] | 37 | constraint programming, cmax, resource, explanation, preempt, make-span, task, precedence, preemptive, CP, activity, scheduling, machine, order | RCPSP, SCC, Resource-constrained Project Scheduling Problem, psplib | cumulative, disjunctive, cycle | C++ | Ilog Scheduler, Ilog Solver, CHIP | | | benchmark, instance generator | genetic algorithm, lazy clause generation | 1233 | n/a |
| abs-1901-07914 [106] | 8 | constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span | | | Python | OR-Tools, MiniZinc | robot | | real-world, github, benchmark | | 1098 | 1737 |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-1902-01193 [20] | 9 | CSP, constraint satisfaction, constraint optimization, CLP, scheduling, activity, BOM, constraint programming, CP, order, constraint logic programming, stochastic, resource, task | | | Python, C++, Prolog | CHIP, Ilog Solver, OPL | medical, nurse | | | simulated annealing, meta heuristic, timetabling, genetic algorithm, particle swarm | 1099 | n/a |
| abs-1902-09244 [393] | 62 | setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date | Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP | cycle, cumulative, endBeforeStart | | OPL, Cplex | aircraft | automobile industry, steel industry, food-processing industry, glass industry, processing industry | real-world, benchmark, industry partner | genetic algorithm, particle swarm, simulated annealing, meta heuristic | 1100 | n/a |
| abs-1911-04766 [329] | 16 | explanation, precedence, task, release-date, activity, multi-objective, scheduling, order, make-span, due-date, constraint programming, CP, completion-time, resource, job, re-scheduling | RCPSP, Resource-constrained Project Scheduling Problem | alternative constraint, endBeforeStart, noOverlap, Cardinality constraint, cumulative, disjunctive | Java | CPO, Cplex, MiniZinc, Chuffed, Gecode | automotive | | real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner | simulated annealing, meta heuristic, timetabling, large neighborhood search | 1101 | 1738 |
| abs-2102-08778 [217] | 10 | task, machine, flow-shop, scheduling, order, make-span, constraint programming, CP, resource, job, open-shop, job-shop, explanation | JSSP | | Java | Cplex, OR-Tools, MiniZinc, OPL, CPO | | | benchmark, real-life, real-world, generated instance | genetic algorithm | 1049 | n/a |
| abs-2211-14492 [804] | 17 | distributed, flow-shop, multi-objective, transportation, scheduling, order, make-span, setup-time, activity, due-date, constraint programming, machine, CP, job, energy efficiency, cmax, completion-time, constraint satisfaction, resource, precedence, constraint optimization, task, job-shop, tardiness | single machine | bin-packing, disjunctive, cumulative, Disjunctive constraint | Python | OR-Tools, Cplex | semiconductor | | generated instance, benchmark, random instance | quadratic programming, neural network, reinforcement learning, column generation, genetic algorithm, deep learning, ant colony, machine learning, meta heuristic | 1028 | n/a |

Table 6: Automatically Extracted ARTICLE Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-2305-19888 [408] | 42 | sequence dependent setup, distributed, flow-shop, scheduling, order, make-span, preempt, setup-time, activity, constraint programming, machine, CP, job, re-scheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, resource, precedence, task | parallel machine | alternative constraint, noOverlap, cumulative | | Gurobi | robot, high performance computing | | gitlab, generated instance, real-world, benchmark | meta heuristic, Lagrangian relaxation, genetic algorithm | 996 | 1705 |
| abs-2306-05747 [818] | 9 | re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop | JSSP | noOverlap, disjunctive, cumulative | Java | Choco Solver | | | real-world, github, industrial instance, supplementary material, benchmark | neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing | 997 | 1706 |
| abs-2312-13682 [690] | 20 | activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task | | table constraint, cumulative | | OPL | container terminal, train schedule, nurse, steel mill, operating room | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 998 | 1707 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-2402-00459 [647] | 21 | job-shop, tardiness, multi-objective, scheduling, order, net present value, constraint programming, machine, CP, job, multi-agent, due-date, earliness, completion-time, resource, precedence, task | single machine, Resource-constrained Project Scheduling Problem | Disjunctive constraint, bin-packing, disjunctive, cumulative | OPL, OR-Tools | tournament | mining industry | instance generator, real-world, generated instance, benchmark, github | particle swarm, simulated annealing, meta heuristic, quadratic programming, Lagrangian relaxation, neural network, reinforcement learning, column generation, mat heuristic, genetic algorithm, ant colony, machine learning | 963 | 1686 |

## 3.3 Manually Defined Fields

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| ForbesHJST24 ForbesHJST24 [303] | Combining optimisation and simulation using logic-based Benders decomposition | benchmark, real-life, github | 1 | | | | | 960 | 1449 |
| PrataAN23 PrataAN23 [710] | Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis | real-life, benchmark, real-world | 1 | - | | - | - | 962 | 1595 |
| abs-2402-00459 abs-2402-00459 [647] | Genetic-based Constraint Programming for Resource Constrained Job Scheduling | instance generator, real-world, generated instance, benchmark, github | 2 | y | | n | - | 963 | 1683 |
| AbreuNP23 AbreuNP23 [234] | A new two-stage constraint programming approach for open shop scheduling problem with machine blocking | real-world, benchmark | 10 | ? | | ? | ? | 964 | 1352 |
| Adelgren2023 Adelgren2023 [11] | On the utility of production scheduling formulations including record keeping variables | benchmark, real-life, github, generated instance, supplementary material | 12 | | | | | 966 | 1354 |
| AfsarVPG23 AfsarVPG23 [12] | Mathematical models and benchmarking for the fuzzy job shop scheduling problem | benchmark, real-life, supplementary material, real-world | 96 | | | | | 967 | 1355 |
| AkramNHRSA23 AkramNHRSA23 [19] | Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming | benchmark | 0 | n | | n | - | 968 | 1357 |
| Caballero23 Caballero23 [175] | Scheduling through logic-based tools | | 1 | - | | - | PhD Thesis | 971 | 1414 |
| Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 [294] | Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches | random instance, github, real-world | 2 | | | | | 974 | 1447 |
| GokPTGO23 GokPTGO23 [348] | Constraint-based robust planning and scheduling of airport apron operations through simheuristics | real-world, github | 10 | | | | | 977 | 1456 |
| GuoZ23 GuoZ23 [373] | Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut | real-world, supplementary material, benchmark, github | 14 | | | | | 979 | 1464 |
| GurPAE23 GurPAE23 [374] | Operating room scheduling with surgical team: a new approach with constraint programming and goal programming | real-life | 0 | n | | n | - | 980 | 1466 |
| IsikYA23 IsikYA23 [445] | Constraint programming models for the hybrid flow shop scheduling problem and its extensions | benchmark, generated instance, real-life, real-world | 4 | y | | y | - | 981 | 1496 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| LacknerMMWW23 LacknerMMWW23 [515] | Exact methods for the Oven Scheduling Problem | zenodo, random instance, benchmark, instance generator, real-life, industrial partner | 0 | DZN JSON | | y | [514] | 983 | 1521 |
| MontemanniD23 MontemanniD23 [617] | Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming | benchmark, supplementary material | 6 | ref | y | n | - | 985 | 1556 |
| MontemanniD23a MontemanniD23a [616] | Constraint programming models for the parallel drone scheduling vehicle routing problem | benchmark | 0 | ref | | n | - | 986 | 1557 |
| NaderiBZR23 NaderiBZR23 [632] | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | supplementary material, benchmark, real-world, real-life, generated instance | 7 | | | | | 988 | 1562 |
| NaderiRR23 NaderiRR23 [637] | Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook | github, benchmark | 8 | | | | | 989 | 1563 |
| ShaikhK23 ShaikhK23 [779] | Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems | benchmark, real-world | 2 | ? | | ? | ? | 992 | 1621 |
| WessenCSFPM23 WessenCSFPM23 [887] | A constraint programming model for the scheduling and workspace layout design of a dual-arm multi-tool assembly robot | real-world, benchmark, github | 19 | | | | | 993 | 1653 |
| YuraszeckMCCR23 YuraszeckMCCR23 [908] | A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem | benchmark, github, real-world | 0 | ref | | n | - | 994 | 1658 |
| abs-2305-19888 abs-2305-19888 [408] | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | gitlab, generated instance, real-world, benchmark | 1 | y | y | n | - | 996 | 1680 |
| abs-2306-05747 abs-2306-05747 [818] | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | real-world, github, industrial instance, supplementary material, benchmark | 0 | ref | | n | - | 997 | 1681 |
| abs-2312-13682 abs-2312-13682 [690] | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended | real-world, generated instance | 0 | n | | n | - | 998 | 1682 |
| AbreuN22 AbreuN22 [233] | A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times | real-world, benchmark | 0 | y | | n | - | 999 | 1351 |
| CampeauG22 CampeauG22 [178] | Short- and medium-term optimization of underground mine planning using constraint programming | real-life, real-world | 0 | ref | | n | | 1003 | 1415 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| ColT22 ColT22 [224] | Industrial-size job shop scheduling with constraint programming | supplementary material, benchmark, generated instance, github, real-life, real-world | 4 | | | | | 1005 | 1425 |
| EmdeZD22 EmdeZD22 [274] | Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition | github, random instance | 7 | | | | | 1007 | 1436 |
| FarsiTM22 FarsiTM22 [293] | Integrated surgery scheduling by constraint programming and meta-heuristics | supplementary material | 10 | | | | | 1009 | 1446 |
| HeinzNVH22 HeinzNVH22 [407] | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | real-world, generated instance, benchmark, gitlab | 3 | | | | | 1012 | 1482 |
| MullerMKP22 MullerMKP22 [622] | An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning | random instance, benchmark, github, real-world | 3 | | | | | 1017 | 1558 |
| YunusogluY22 YunusogluY22 [905] | Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times | benchmark, real-life, real-world, generated instance, supplementary material | 10 | | | | | 1026 | 1657 |
| YuraszeckMPV22 YuraszeckMPV22 [907] | A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem | real-life, generated instance, benchmark, github | 5 | | | | | 1027 | 1659 |
| AbohashimaEG21 AbohashimaEG21 [4] | A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints | real-world, generated instance, github | 0 | | | | | 1029 | 1349 |
| HamP21 HamP21 [381] | Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study | real-world, benchmark, github | 1 | | | | | 1036 | 1474 |
| HamPK21 HamPK21 [382] | Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming | benchmark, github | 4 | | | | | 1037 | 1475 |
| KoehlerBFFHPSSS21 KoehlerBFFH-PSSS21 [483] | Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints | real-world, benchmark, github | 9 | DZN | | y | - | 1039 | 1508 |
| VlkHT21 VlkHT21 [873] | Constraint programming approaches to joint routing and scheduling in time-sensitive networks | benchmark, industrial partner, random instance, github | 0 | | | | | 1047 | 1648 |
| BenediktMH20 BenediktMH20 [116] | Power of pre-processing: production scheduling with variable energy pricing and power-saving states | benchmark, generated instance, random instance, github | 4 | JSON | | y | | 1056 | 1395 |
| CauwelaertDS20 CauwelaertDS20 [197] | An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities | real-life, generated instance, benchmark, bitbucket | 2 | | | | | 1058 | 1418 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| FachiniA20 FachiniA20 [285] | Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows | supplementary material, real-world, github, benchmark, real-life | 6 | | | | | 1059 | 1441 |
| FallahiAC20 FallahiAC20 [290] | Tabu search and constraint programming-based approach for a real scheduling and routing problem | real-life, github | 0 | | | | | 1060 | 1444 |
| HauderBRPA20 HauderBRPA20 [394] | Resource-constrained multi-project scheduling with activity and time flexibility | industry partner, benchmark, real-world, supplementary material | 0 | | | | | 1064 | 1479 |
| LunardiBLRV20 LunardiBLRV20 [567] | Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem | benchmark, github, random instance, generated instance | 1 | | | | | 1066 | 1537 |
| MejiaY20 MejiaY20 [593] | A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times | supplementary material, benchmark, generated instance | 2 | | | | | 1067 | 1544 |
| MengZRZL20 MengZRZL20 [599] | Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem | benchmark, supplementary material | 0 | | | | | 1068 | 1549 |
| Polo-MejiaALB20 Polo-MejiaALB20 [704] | Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility | github, Roadef | 2 | | | | | 1071 | 1593 |
| SacramentoSP20 SacramentoSP20 [751] | Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports | benchmark, real-life, zenodo, real-world | 4 | | | | | 1074 | 1610 |
| WallaceY20 WallaceY20 [877] | A new constraint programming model and solving for the cyclic hoist scheduling problem | real-world, benchmark, random instance, real-life | 2 | DZN | | y | | 1075 | 1650 |
| ColT2019a ColT2019a [223] | Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem | benchmark, github, real-world | 1 | | | | | 1080 | 1424 |
| HoundjiSW19 HoundjiSW19 [438] | The item dependent stockingcost constraint | random instance, benchmark, bitbucket | 2 | | | | | 1085 | 1494 |
| SunTB19 SunTB19 [803] | A Benders decomposition-based framework for solving quay crane scheduling problems | generated instance, instance generator, benchmark, github, real-life | 1 | | | | | 1092 | 1630 |
| TanZWGQ19 TanZWGQ19 [812] | A Hybrid MIP–CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes | real-world, generated instance, supplementary material | 0 | | | | | 1093 | 1632 |
| abs-1901-07914 abs-1901-07914 [106] | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | real-world, github, benchmark | 0 | | | | | 1098 | 1674 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| abs-1911-04766 abs-1911-04766 [329] | Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling | real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner | 10 | | | | | 1101 | 1677 |
| CauwelaertLS18 CauwelaertLS18 [196] | How efficient is a global constraint in practice? - A fair experimental framework | benchmark, bitbucket | 1 | | | | | 1105 | 1419 |
| FahimiOQ18 FahimiOQ18 [287] | Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last | benchmark, random instance | 0 | (y) | | n | | 1106 | 1442 |
| GoldwaserS18 GoldwaserS18 [351] | Optimal Torpedo Scheduling | github, instance generator, benchmark, generated instance | 0 | | | | | 1109 | 1458 |
| LaborieRSV18 LaborieRSV18 [512] | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | CSPlib, benchmark, real-world | 3 | - | | - | - | 1114 | 1520 |
| ShinBBHO18 ShinBBHO18 [782] | Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling | github, real-world | 4 | | | | | 1116 | 1622 |
| KreterSS17 KreterSS17 [500] | Using constraint programming for solving RCPSP/max-cal | benchmark | 5 | dead | | | [499] | 1126 | 1513 |
| NattafAL17 NattafAL17 [641] | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | real-world | 2 | n | | n | - | 1127 | 1566 |
| SchnellH17 SchnellH17 [764] | On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs | benchmark, supplementary material | 6 | | | | | 1130 | 1618 |
| Kameugne15 Kameugne15 [462] | Propagation techniques of resource constraint for cumulative scheduling | | 2 | - | | - | PhDThesis | 1153 | 1503 |
| LetortCB15 LetortCB15 [528] | Synchronized sweep algorithms for scalable scheduling constraints | generated instance, benchmark, random instance, Roadef | 4 | dead | | - | [527] | 1154 | 1523 |
| NattafAL15 NattafAL15 [640] | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | generated instance | 1 | n | | n | | 1155 | 1565 |
| SchnellH15 SchnellH15 [763] | On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations | real-life, benchmark, supplementary material | 3 | | | | | 1157 | 1617 |
| Siala15 Siala15 [783] | Search, propagation, and learning in sequencing and scheduling problems | github, Roadef, CSPlib, real-world, benchmark, random instance | 2 | - | | - | PhD Thesis | 1158 | 1623 |
| SimoninAHL15 SimoninAHL15 [787] | Scheduling scientific experiments for comet exploration | | 0 | n | | n | [786] | 1159 | 1624 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| KameugneFSN14 KameugneFSN14 [467] | A quadratic edge-finding filtering algorithm for cumulative resource constraints | random instance, benchmark | 2 | y | | | [466] | 1166 | 1505 |
| HeinzSB13 HeinzSB13 [406] | Using dual presolving reductions to reformulate cumulative constraints | benchmark | 1 | ref | | - | - | 1176 | 1483 |
| MenciaSV13 MenciaSV13 [596] | Intensified iterative deepening A* with application to job shop scheduling | benchmark, real-life, supplementary material | 0 | | | | | 1179 | 1546 |
| OzturkTHO13 OzturkTHO13 [676] | Balancing and scheduling of flexible mixed model assembly lines | real-world, real-life | 2 | y | | - | - | 1181 | 1583 |
| SchuttFSW13 SchuttFSW13 [772] | Solving RCPSP/max by lazy clause generation | supplementary material, benchmark | 6 | | | | | 1182 | 1620 |
| HeinzSSW12 HeinzSSW12 [404] | Solving steel mill slab design problems | CSPlib, real-world | 2 | Cplex | | dead | - | 1186 | 1484 |
| LimtanyakulS12 LimtanyakulS12 [539] | Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes | real-life, generated instance, industrial partner, benchmark, random instance | 1 | dead | | - | - | 1187 | 1526 |
| LombardiM12 LombardiM12 [555] | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey | real-world, benchmark | 0 | - | | - | - | 1188 | 1529 |
| BartakS11 BartakS11 [78] | Constraint satisfaction for planning and scheduling problems | random instance, real-world, real-life | 2 | - | | - | | 1201 | 1379 |
| KovacsB11 KovacsB11 [493] | A global constraint for total weighted completion time for unary resources | benchmark | 2 | n | | n | - | 1210 | 1511 |
| KovacsK11 KovacsK11 [495] | Constraint programming approach to a bilevel scheduling problem | | 2 | n | | n | - | 1211 | 1512 |
| SchausHMCMD11 SchausHMCMD11 [761] | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | CSPlib, generated instance, benchmark | 3 | dead | | | | 1214 | 1615 |
| SchuttFSW11 SchuttFSW11 [771] | Explaining the cumulative propagator | benchmark, real-world | 7 | PSPLib | | - | - | 1215 | 1619 |
| LopesCSM10 LopesCSM10 [559] | A hybrid model for a multiproduct pipeline planning and scheduling problem | real-world, benchmark | 2 | - | | - | [621, 620] | 1226 | 1533 |
| Simonis07 Simonis07 [791] | Models for Global Constraint Applications | | 0 | n | | n | | 1263 | 1625 |
| Hooker06 Hooker06 [427] | An Integrated Method for Planning and Scheduling to Minimize Tardiness | random instance | 2 | n | | n | [425] | 1266 | 1488 |
| Hooker05 Hooker05 [424] | A Hybrid Method for the Planning and Scheduling | random instance | 0 | n | | n | [423] | 1273 | 1487 |
| VilimBC05 VilimBC05 [870] | Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | benchmark, real-life | 0 | n | | n | [869] | 1275 | 1647 |
| BaptisteP00 BaptisteP00 [69] | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | benchmark | 0 | n | | n | | 1302 | 1376 |
| HeipckeCCS00 HeipckeCCS00 [409] | Scheduling under Labour Resource Constraints | instance generator, benchmark | 0 | dead | | n | - | 1308 | 1485 |
| SakkoutW00 SakkoutW00 [756] | Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling | benchmark, real-world | 0 | n | | n | - | 1312 | 1613 |
| SchildW00 SchildW00 [762] | Scheduling of Time-Triggered Real-Time Systems | | 0 | n | | n | - | 1313 | 1616 |

Table 7: Manually Defined ARTICLE Properties

| Key | Title (Local Copy) | Bench | Links | Data Avail | Sol Avail | Code Avail | Related To | a | b |
|---|---|---|---|---|---|---|---|---|---|
| BensanaLV99 BensanaLV99 [125] | Earth Observation Satellite Management | benchmark | 0 | ? | | - | - | 1318 | 1397 |
| BelhadjiI98 BelhadjiI98 [113] | Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving | real-life | 0 | n | | n | - | 1325 | 1394 |
| PapaB98 PapaB98 [684] | Resource Constraints for Preemptive Job-shop Scheduling | benchmark | 0 | dead | | - | - | 1329 | 1586 |
| Darby-DowmanLMZ97 Darby-DowmanLMZ97 [228] | Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem | benchmark, real-life, real-world | 0 | n | | n | - | 1330 | 1428 |
| Zhou97 Zhou97 [927] | A Permutation-Based Approach for Solving the Job-Shop Problem | benchmark | 0 | n | | n | [926] | 1334 | 1669 |
| Wallace96 Wallace96 [875] | Practical Applications of Constraint Programming | | 0 | - | | - | - | 1340 | 1649 |

# 4 Authors

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| J. Christopher Beck | 58 | 809 | LuoB22 [570], ZhangBB22 [921], TangB20 [813], RoshanaeiBAUB20 [742], SenderovichBB19 [777], TranPZLDB18 [839], TranVNB17 [841], TranVNB17a [842], CohenHB17 [216], BoothNB16 [155], KuB16 [502], TranAB16 [836], TranWDRFOVB16 [843], LuoVLBM16 [569], TranDRFWOVB16 [838], BoothTNB16 [156], BajestaniB15 [59], KoschB14 [489], TerekhovTDB14 [822], LouieVNB14 [562], HeinzSB13 [406], HeinzKB13 [403], BajestaniB13 [58], TranTDB13 [840], HeinzB12 [402], TerekhovDOB12 [821], TranB12 [837], ZarandiB12 [295], KovacsB11 [493], BeckFW11 [93], HeckmanB11 [401], BajestaniB11 [57], Beck10 [88], WuBB09 [898], BidotVLB09 [130], CarchraeB09 [181], WatsonB08 [884], KovacsB08 [492], BeckW07 [102], Beck07 [87], KovacsB07 [491], BidotVLB07 [129], Beck06 [86], CarchraeBF05 [182], WuBB05 [897], BeckW05 [101], BeckW04 [100], BeckR03 [99], BeckPS03 [98], BeckF00 [97], BeckF00a [96], Beck99 [85], BeckF99 [95], BeckF98 [94], BeckDDF98 [89], BeckDF97 [90], BeckDSF97 [91], BeckDSF97a [92] |
| Michela Milano | 35 | 341 | BorghesiBLMB18 [157], BonfiettiZLM16 [153], BridiBLMB16 [166], BridiLBBM16 [167], LombardiBM15 [549], BartoliniBBLM14 [81], BonfiettiLM14 [151], BonfiettiLBM14 [149], BonfiettiLM13 [150], LombardiM13 [556], LombardiMB13 [557], LombardiM12 [555], BonfiettiLBM12 [148], LombardiM12a [554], BonfiettiM12 [152], BonfiettiLBM11 [147], LombardiBMB11 [550], BeniniLMR11 [123], Milano11 [606], LombardiM10 [553], LombardiM10a [552], LombardiMRB10 [558], LombardiM09 [551], RuggieroBBMA09 [748], MilanoW09 [609], BeniniLMR08 [122], BeniniLMMR08 [121], BeniniBGM06 [120], MilanoW06 [608], BeniniBGM05 [118], BeniniBGM05a [119], MilanoORT02 [607], BosiM2001 [158], LammaMM97 [518], BrusoniCLMMT96 [170] |
| Michele Lombardi | 27 | 222 | BorghesiBLMB18 [157], CauwelaertLS18 [196], BonfiettiZLM16 [153], BridiBLMB16 [166], BridiLBBM16 [167], LombardiBM15 [549], CauwelaertLS15 [195], BartoliniBBLM14 [81], BonfiettiLM14 [151], BonfiettiLBM14 [149], BonfiettiLM13 [150], LombardiM13 [556], LombardiMB13 [557], LombardiM12 [555], BonfiettiLBM12 [148], LombardiM12a [554], BonfiettiLBM11 [147], LombardiBMB11 [550], BeniniLMR11 [123], LombardiM10 [553], LombardiM10a [552], Lombardi10 [548], LombardiMRB10 [558], LombardiM09 [551], BeniniLMR08 [122], BeniniLMMR08 [121], HoeveGSL07 [859] |
| Andreas Schutt | 27 | 322 | YangSS19 [899], KreterSSZ18 [501], GoldwaserS18 [351], MusliuSS18 [630], KreterSS17 [500], YoungFS17 [903], GoldwaserS17 [350], SchuttS16 [774], SzerediS16 [808], KreterSS15 [499], EvenSH15 [283], EvenSH15a [284], SchuttFSW15 [773], ThiruvadyWGS14 [826], GuSSWC14 [369], SchuttFS13 [768], SchuttFS13a [767], GuSS13 [368], SchuttFSW13 [772], ChuGNSW13 [204], SchuttCSW12 [766], SchuttFSW11 [771], Schutt11 [765], SchuttW10 [775], abs-1009-0347 [770], SchuttFSW09 [769], SchuttWS05 [776] |
| John N. Hooker | 25 | 1585 | ElciOH22 [268], Hooker19 [432], HechingHK19 [399], Hooker17 [431], HookerH17 [436], HechingH16 [400], CireCH16 [210], HarjunkoskiMBC14 [390], CireCH13 [209], CobanH11 [215], CobanH10 [214], Hooker10 [430], Hooker07 [429], Hooker06 [427], Hooker06a [428], Hooker05 [424], Hooker05a [425], Hooker05b [426], Hooker04 [423], HookerO03 [434], HookerY02 [437], Hooker02 [422], Hooker00 [421], HookerOTK00 [435], HookerO99 [433] |
| Peter J. Stuckey | 25 | 460 | GokGSTO20 [347], YangSS19 [899], DemirovicS18 [243], KreterSSZ18 [501], MusliuSS18 [630], KreterSS17 [500], SchuttS16 [774], BlomPS16 [136], KreterSS15 [499], BurtLPS15 [172], SchuttFSW15 [773], BlomBPS14 [135], LipovetzkyBPS14 [540], GuSSWC14 [369], SchuttFS13 [768], SchuttFS13a [767], GuSS13 [368], SchuttFSW13 [772], SchuttCSW12 [766], GuSW12 [370], SchuttFSW11 [771], BandaSC11 [236], abs-1009-0347 [770], SchuttFSW09 [769], OhrimenkoSC09 [666] |
| Mark G. Wallace | 22 | 511 | WallaceY20 [877], He0GLW18 [395], SchuttFSW15 [773], ThiruvadyWGS14 [826], GuSSWC14 [369], SchuttFSW13 [772], SchuttCSW12 [766], GuSW12 [370], SchuttFSW11 [771], abs-1009-0347 [770], SchuttFSW09 [769], MilanoW09 [609], MilanoW06 [608], Wallace06 [876], AjiliW04 [18], EreminW01 [276], SakkoutW00 [756], RodosekWH99 [736], RodosekW98 [735], SakkoutRW98 [755], Wallace96 [875], Wallace94 [874] |
| Pierre Lopez | 21 | 178 | JuvinHHL23 [456], JuvinHL23a [459], JuvinHL23 [458], HebrardALLCMR22 [396], JuvinHL22 [457], Polo-MejiaALB20 [704], NattafHKAL19 [644], NattafAL17 [641], NattafALR16 [642], SimoninAHL15 [787], NattafAL15 [640], ArtiguesL14 [46], ArtiguesLH13 [47], SimoninAHL12 [786], BillautHL12 [131], LahimerLH11 [516], TrojetHL11 [847], BriandHHL08 [165], EsquirolLH2008 [281], LopezAKYG00 [560], TorresL00 [833] |
| Christian Artigues | 19 | 339 | PovedaAA23 [707], PohlAK22 [702], HebrardALLCMR22 [396], ArtiguesHQT21 [45], Polo-MejiaALB20 [704], NattafHKAL19 [644], NattafAL17 [641], NattafALR16 [642], SimoninAHL15 [787], NattafAL15 [640], SialaAH15 [785], ArtiguesL14 [46], ArtiguesLH13 [47], SimoninAHL12 [786], ArtiguesF07 [44], NeronABCDD06 [660], DemasseyAM05 [242], ArtiguesBF04 [42], ArtiguesR00 [48] |
| Emmanuel Hebrard | 17 | 71 | JuvinHHL23 [456], HebrardALLCMR22 [396], AntuoriHHEN21 [32], ArtiguesHQT21 [45], GodetLHS20 [345], AntuoriHHEN20 [31], HebrardHJMPV16 [397], SimoninAHL15 [787], SialaAH15 [785], GrimesH15 [360], BessiereHMQW14 [127], SimoninAHL12 [786], BillautHL12 [131], GrimesH11 [359], GrimesH10 [358], GrimesHM09 [361], HebrardTW05 [398] |
| Helmut Simonis | 17 | 155 | ArmstrongGOS22 [39], ArmstrongGOS21 [38], AntunesABD20 [30], AntunesABD18 [29], HurleyOS16 [442], KinsellaS0OS16 [477], GrimesIOS14 [362], IfrimOS12 [443], SimonisH11 [794], Simonis07 [791], SimonisCK00 [792], Simonis99 [790], SimonisC95 [793], Simonis95 [789], Simonis95a [788], DincbasS91 [251], DincbasSH90 [252] |
| Luca Benini | 16 | 183 | BorghesiBLMB18 [157], BridiBLMB16 [166], BridiLBBM16 [167], BonfiettiLBM14 [149], LombardiMB13 [557], BonfiettiLBM12 [148], BonfiettiLBM11 [147], LombardiBMB11 [550], BeniniLMR11 [123], LombardiMRB10 [558], RuggieroBBMA09 [748], BeniniLMR08 [122], BeniniLMMR08 [121], BeniniBGM06 [120], BeniniBGM05 [118], BeniniBGM05a [119] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Pierre Schaus | 16 | 91 | CauwelaertDS20 [197], ThomasKS20 [827], HoundjiSW19 [438], CappartTSR18 [180], CauwelaertLS18 [196], CappartS17 [179], CauwelaertDMS16 [194], DejemeppeCS15 [239], GayHLS15 [322], GayHS15 [323], GayHS15a [324], CauwelaertLS15 [195], HoundjiSWD14 [439], GaySS14 [325], SchausHMCMD11 [761], SchausD08 [760] |
| Nicolas Beldiceanu | 15 | 475 | Madi-WambaLOBM17 [574], Madi-WambaB16 [573], LetortCB15 [528], LetortCB13 [527], LetortBC12 [526], ClercqPBJ11 [213], BeldiceanuCDP11 [109], BeldiceanuCP08 [110], PoderB08 [700], BeldiceanuP07 [112], PoderBS04 [701], BeldiceanuC02 [108], BeldiceanuC01 [107], BeldiceanuC94 [111], AggounB93 [13] |
| Mats Carlsson | 15 | 147 | FrimodigECM23 [311], WessenCSFPM23 [887], WessenCS20 [886], MossigeGSMC17 [619], CarlssonJL17 [189], LetortCB15 [528], LarsonJC14 [519], LetortCB13 [527], LetortBC12 [526], LozanoCDS12 [563], BeldiceanuCDP11 [109], BeldiceanuCP08 [110], BeldiceanuC02 [108], BeldiceanuC01 [107], CarlssonKA99 [190] |
| Philippe Laborie | 15 | 530 | LunardiBLRV20 [567], LaborieRSV18 [512], Laborie18a [511], MelgarejoLS15 [16], VilimLS15 [871], LaborieR14 [513], Laborie09 [510], BidotVLB09 [130], BidotVLB07 [129], BaptisteLPN06 [65], NeronABCDD06 [660], GodardLN05 [343], Laborie05 [509], Laborie03 [508], FocacciLN00 [300] |
| Philippe Baptiste | 14 | 475 | BaptisteB18 [64], Baptiste09 [63], BaptisteLPN06 [65], NeronABCDD06 [660], ArtiouchineB05 [49], Baptiste02 [62], BaptistePN01 [70], BaptisteP00 [69], BaptistePN99 [66], PapaB98 [684], BaptisteP97 [68], PapeB97 [683], PapeB96 [682], BaptisteP95 [67] |
| Pascal Van Hentenryck | 14 | 180 | KotaryFH22 [490], KletzanderMH21 [482], FontaineMH16 [302], EvenSH15 [283], EvenSH15a [284], SchausHMCMD11 [761], PacinoH11 [679], MonetteDH09 [615], DoomsH08 [255], HentenryckM08 [412], MercierH08 [600], MercierH07 [601], HentenryckM04 [411], DincbasSH90 [252] |
| Nysret Musliu | 13 | 20 | LacknerMMWW23 [515], WinterMMW22 [889], LacknerMMWW21 [514], GeibingerKKMMW21 [328], GeibingerMM21 [331], KletzanderMH21 [482], KletzanderM20 [481], GeibingerMM19 [330], abs-1911-04766 [329], MusliuSS18 [630], KletzanderM17 [480], ErkingerM17 [277], Musliu05 [629] |
| Claude Le Pape | 12 | 608 | BaptisteLPN06 [65], DannaP04 [225], BaptistePN01 [70], BaptisteP00 [69], BaptistePN99 [66], PapaB98 [684], NuijtenP98 [659], BaptisteP97 [68], PapeB97 [683], PapeB96 [682], BaptisteP95 [67], Pape94 [681] |
| Roman Barták | 11 | 88 | SvancaraB22 [807], JelinekB16 [450], BartakV15 [80], Bartak14 [76], BartakS11 [78], BartakCS10 [77], BartakSR10 [79], VilimBC05 [870], VilimBC04 [869], Bartak02 [75], Bartak02a [74] |
| Mark S. Fox | 11 | 179 | BeckF00 [97], BeckF00a [96], BeckF99 [95], BeckF98 [94], BeckDDF98 [89], BeckDF97 [90], BeckDSF97 [91], BeckDSF97a [92], SadehF96 [752], FoxS90 [306], FoxAS82 [305] |
| Louis-Martin Rousseau | 11 | 275 | CappartTSR18 [180], DoulabiRP16 [260], PesantRR15 [694], DoulabiRP14 [259], MalapertCGJLR13 [580], MalapertCGJLR12 [579], MalapertGR12 [581], ChapadosJR11 [202], HachemiGR11 [376], CastroGR10 [192], CorreaLR07 [220] |
| Tony T. Tran | 11 | 141 | TranPZLDB18 [839], TranVNB17 [841], TranVNB17a [842], TranAB16 [836], TranWDRFOVB16 [843], TranDRFWOVB16 [838], FrankDT16 [307], BoothTNB16 [156], TerekhovTDB14 [822], TranTDB13 [840], TranB12 [837] |
| Petr Vilím | 11 | 313 | LaborieRSV18 [512], VilimLS15 [871], Vilim11 [868], Vilim09 [866], Vilim09a [867], VilimBC05 [870], Vilim05 [865], VilimBC04 [869], Vilim04 [864], Vilim03 [863], Vilim02 [862] |
| Alessio Bonfietti | 10 | 18 | BonfiettiZLM16 [153], Bonfietti16 [146], LombardiBM15 [549], BonfiettiLM14 [151], BonfiettiLBM14 [149], BonfiettiLM13 [150], BonfiettiLBM12 [148], BonfiettiM12 [152], BonfiettiLBM11 [147], LombardiBMB11 [550] |
| Margaux Nattaf | 10 | 49 | BonninMNE24 [154], PenzDN23 [688], NattafM20 [645], MalapertN19 [582], NattafDYW19 [643], NattafHKAL19 [644], NattafAL17 [641], Nattaf16 [639], NattafALR16 [642], NattafAL15 [640] |
| Angelo Oddi | 10 | 18 | CestaOPS14 [198], OddiRCS11 [664], OddiRC10 [663], PolicellaWSO05 [703], OddiPCC05 [662], OddiPCC03 [661], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199], OddiS97 [665] |
| Claude-Guy Quimper | 10 | 25 | FahimiQ23 [288], BoudreaultSLQ22 [160], OuelletQ22 [672], Mercier-AubinGQ20 [602], FahimiOQ18 [287], KameugneFGOQ18 [463], OuelletQ18 [671], GingrasQ16 [341], BessiereHMQW14 [127], OuelletQ13 [670] |
| Narendra Jussien | 9 | 199 | MalapertCGJLR13 [580], MalapertCGJLR12 [579], ClercqPBJ11 [213], HladikCDJ08 [419], CambazardJ05 [177], CambazardHDJT04 [176], ElkhyariGJ02 [272], ElkhyariGJ02a [273], JussienL02 [455] |
| Wim Nuijten | 9 | 512 | BaptisteLPN06 [65], GodardLN05 [343], BaptistePN01 [70], SourdN00 [797], FocacciLN00 [300], BaptistePN99 [66], NuijtenP98 [659], NuijtenA96 [658], NuijtenA94 [657] |
| Armin Wolf | 9 | 51 | GeitzGSSW22 [332], Wolf11 [892], SchuttW10 [775], Wolf09 [895], WolfS05 [894], WolfS05a [893], SchuttWS05 [776], Wolf05 [891], Wolf03 [890] |
| Cemalettin Öztürk | 9 | 76 | GokPTGO23 [348], OrnekOS20 [669], AntunesABD20 [30], GokGSTO20 [347], AntunesABD18 [29], OrnekO16 [668], OzturkTHO15 [677], OzturkTHO13 [676], OzturkTHO10 [675] |
| Amedeo Cesta | 8 | 18 | CestaOPS14 [198], OddiRCS11 [664], OddiRC10 [663], OddiPCC05 [662], OddiPCC03 [661], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199] |
| Thibaut Feydy | 8 | 173 | YoungFS17 [903], SchuttFSW15 [773], SchuttFS13 [768], SchuttFS13a [767], SchuttFSW13 [772], SchuttFSW11 [771], abs-1009-0347 [770], SchuttFSW09 [769] |
| Gabriela P. Henning | 8 | 179 | NovaraNH16 [651], NovasH14 [655], NovasH12 [654], ZeballosNH11 [917], NovasH10 [653], ZeballosQH10 [918], ZeballosH05 [915], QuirogaZH05 [720] |
| Roger Kameugne | 8 | 20 | KameugneFND23 [464], ThomasKS20 [827], KameugneFGOQ18 [463], Kameugne15 [462], KameugneFSN14 [467], Kameugne14 [461], KameugneF13 [465], KameugneFSN11 [466] |
| Arnaud Malapert | 8 | 82 | BonninMNE24 [154], NattafM20 [645], MalapertN19 [582], MalapertCGJLR13 [580], MalapertCGJLR12 [579], MalapertGR12 [581], Malapert11 [578], GrimesHM09 [361] |
| Bahman Naderi | 8 | 51 | NaderiRR23 [637], NaderiBZ23 [634], NaderiBZR23 [632], NaderiBZ22 [633], NaderiBZ22a [631], NaderiR22 [635], NaderiRBAU21 [636], RoshanaeiN21 [745] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Barry O'Sullivan | 8 | 15 | ArmstrongGOS22 [39], ArmstrongGOS21 [38], AntunesABD20 [30], AntunesABD18 [29], HurleyOS16 [442], KinsellaS0OS16 [477], GrimesIOS14 [362], IfrimOS12 [443] |
| Erwin Pesch | 8 | 486 | MullerMKP22 [622], BlazewiczEP19 [133], DomdorfPH03 [254], Dorndorf2000 [258], DorndorfPH99 [257], DorndorfHP99 [256], BlazewiczDP96 [173], PeschT96 [695] |
| Vahid Roshanaei | 8 | 187 | NaderiRR23 [637], NaderiBZR23 [632], NaderiR22 [635], NaderiRBAU21 [636], RoshanaeiN21 [745], RoshanaeiBAUB20 [742], RoshanaeiLAU17 [744], RoshanaeiLAU17a [743] |
| Stephen F. Smith | 8 | 7 | CestaOPS14 [198], OddiRCS11 [664], PolicellaWSO05 [703], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199], OddiS97 [665], SmithC93 [796] |
| Andrew J. Davenport | 7 | 41 | Davenport10 [229], DavenportKRSH07 [230], OkanoDTRYA04 [667], BeckDDF98 [89], BeckDF97 [90], BeckDSF97 [91], BeckDSF97a [92] |
| Diarmuid Grimes | 7 | 52 | AntunesABD20 [30], AntunesABD18 [29], GrimesH15 [360], GrimesIOS14 [362], GrimesH11 [359], GrimesH10 [358], GrimesHM09 [361] |
| Ignacio E. Grossmann | 7 | 1016 | HarjunkoskiMBC14 [390], CastroGR10 [192], MaraveliasG04 [586], MaraveliasCG04 [585], HarjunkoskiG02 [388], JainG01 [448], PintoG97 [699] |
| Zdenek Hanzálek | 7 | 27 | Mehdizadeh-Somarin23 [592], abs-2305-19888 [408], HeinzNVH22 [407], VlkHT21 [873], BenediktMH20 [116], BenediktSMVH18 [117], KelbelH11 [470] |
| András Kovács | 7 | 21 | KovacsB11 [493], KovacsK11 [495], KovacsB08 [492], KovacsB07 [491], KovacsV06 [497], KovacsEKV05 [494], KovacsV04 [496] |
| Gilles Pesant | 7 | 115 | AalianPG23 [1], BofillCGGPSV23 [141], DoulabiRP16 [260], PesantRR15 [694], DoulabiRP14 [259], BourdaisGP03 [161], PesantGPR99 [693] |
| Luis J. Zeballos | 7 | 131 | ZeballosNH11 [917], ZeballosQH10 [918], Zeballos10 [913], ZeballosCM10 [914], ZeballosM09 [916], ZeballosH05 [915], QuirogaZH05 [720] |
| Hadrien Cambazard | 6 | 98 | CatusseCBL16 [193], MalapertCGJLR13 [580], MalapertCGJLR12 [579], HladikCDJ08 [419], CambazardJ05 [177], CambazardHDJT04 [176] |
| Yves Deville | 6 | 28 | HoundjiSWD14 [439], DejemeppeD14 [240], SchausHMCMD11 [761], MonetteDH09 [615], SchausD08 [760], MonetteDD07 [614] |
| Jeremy Frank | 6 | 14 | TranWDRFOVB16 [843], TranDRFWOVB16 [838], FrankDT16 [307], ReddyFIBKAJ11 [726], FrankK05 [309], FrankK03 [308] |
| Andy Ham | 6 | 90 | HamPK21 [382], HamP21 [381], Ham20 [379], Ham20a [378], Ham18a [377], HamFC17 [380] |
| Stefan Heinz | 6 | 67 | HeinzSB13 [406], HeinzKB13 [403], HeinzSSW12 [404], HeinzB12 [402], HeinzS11 [405], BertholdHLMS10 [126] |
| Brahim Hnich | 6 | 115 | GokgurHO18 [349], OzturkTHO15 [677], OzturkTHO13 [676], OzturkTHO12 [674], OzturkTHO10 [675], RossiTHP07 [746] |
| Juan M. Novas | 6 | 174 | Novas19 [652], NovaraNH16 [651], NovasH14 [655], NovasH12 [654], ZeballosNH11 [917], NovasH10 [653] |
| Emmanuel Poder | 6 | 27 | BeldiceanuCDP11 [109], abs-0907-0939 [696], BeldiceanuCP08 [110], PoderB08 [700], BeldiceanuP07 [112], PoderBS04 [701] |
| Michael A. Trick | 6 | 150 | Trick11 [846], RasmussenT09 [725], RasmussenT07 [724], RasmussenT06 [723], Trick03 [845], EastonNT02 [262] |
| Arslan Örnek | 6 | 78 | OrnekOS20 [669], OrnekO16 [668], OzturkTHO15 [677], OzturkTHO13 [676], OzturkTHO12 [674], OzturkTHO10 [675] |
| Hacı Mehmet Alakaş | 5 | 48 | AlakaP23 [22], Alaka21 [21], PinarbasiA20 [715], GurEA19 [934], AlakaPY19 [23] |
| Mehmet A. Begen | 5 | 29 | NaderiBZ23 [634], NaderiBZR23 [632], NaderiBZ22 [633], NaderiBZ22a [631], NaderiRBAU21 [636] |
| Miquel Bofill | 5 | 17 | BofillCGGPSV23 [141], BofillCSV17 [143], BofillCSV17a [142], BofillGSV15 [145], BofillEGPSV14 [144] |
| Kenneth N. Brown | 5 | 44 | AntunesABD20 [30], AntunesABD18 [29], MurphyMB15 [625], WuBB09 [898], WuBB05 [897] |
| André A. Ciré | 5 | 65 | CireCH16 [210], CireCH13 [209], LopesCSM10 [559], MouraSCL08 [621], MouraSCL08a [620] |
| Cyrille Dejemeppe | 5 | 8 | CauwelaertDS20 [197], CauwelaertDMS16 [194], Dejemeppe16 [238], DejemeppeCS15 [239], DejemeppeD14 [240] |
| Sophie Demassey | 5 | 82 | HermenierDL11 [415], BeldiceanuCDP11 [109], NeronABCDD06 [660], DemasseyAM05 [242], Demassey03 [241] |
| Hanyu Gu | 5 | 39 | EtminaniesfahaniGNMS22 [282], ThiruvadyWGS14 [826], GuSSWC14 [369], GuSS13 [368], GuSW12 [370] |
| Willem-Jan van Hoeve | 5 | 62 | HookerH17 [436], GilesH16 [340], GoelSHFS15 [346], HoeveGSL07 [859], GomesHS06 [354] |
| Mikael Johansson | 5 | 38 | Astrand0F21 [51], AstrandJZ20 [53], AstrandJZ18 [52], CarlssonJL17 [189], LarsonJC14 [519] |
| Christos T. Maravelias | 5 | 512 | Adelgren2023 [11], HarjunkoskiMBC14 [390], AggounMV08 [14], MaraveliasG04 [586], MaraveliasCG04 [585] |
| Laurent Michel | 5 | 42 | TardivoDFMP23 [815], FontaineMH16 [302], SchausHMCMD11 [761], HentenryckM08 [412], HentenryckM04 [411] |
| Goldie Nejat | 5 | 77 | TranVNB17 [841], TranVNB17a [842], BoothNB16 [155], BoothTNB16 [156], LouieVNB14 [562] |
| Cédric Pralet | 5 | 11 | SquillaciPR23 [798], PachecoPR19 [678], Pralet17 [708], HebrardHJMPV16 [397], PraletLJ15 [709] |
| Joaquin Rodriguez | 5 | 118 | MarliereSPR23 [587], RodriguezS09 [740], Rodriguez07 [737], Rodriguez07b [738], RodriguezDG02 [739] |
| Martino Ruggiero | 5 | 70 | BeniniLMR11 [123], LombardiMRB10 [558], RuggieroBBMA09 [748], BeniniLMR08 [122], BeniniLMMR08 [121] |
| Miguel A. Salido | 5 | 121 | BartakS11 [78], BartakSR10 [79], Salido10 [757], BartakSR08 [83], AbrilSB05 [6] |
| Mohamed Siala | 5 | 9 | AntunesABD20 [30], AntunesABD18 [29], Siala15 [783], SialaAH15 [785], Siala15a [784] |
| Josep Suy | 5 | 17 | BofillCGGPSV23 [141], BofillCSV17 [143], BofillCSV17a [142], BofillGSV15 [145], BofillEGPSV14 [144] |
| Reza Tavakkoli-Moghaddam | 5 | 34 | Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], NouriMHD23 [852], GhasemiMH23 [339], MokhtarzadehTNF20 [613] |
| Mateu Villaret | 5 | 17 | BofillCGGPSV23 [141], BofillCSV17 [143], BofillCSV17a [142], BofillGSV15 [145], BofillEGPSV14 [144] |
| Marek Vlk | 5 | 14 | abs-2305-19888 [408], HeinzNVH22 [407], VlkHT21 [873], BenediktSMVH18 [117], BartakV15 [80] |
| Nic Wilson | 5 | 28 | AntunesABD20 [30], AntunesABD18 [29], BeckW07 [102], BeckW05 [101], BeckW04 [100] |
| Dionne M. Aleman | 4 | 161 | NaderiRBAU21 [636], RoshanaeiBAUB20 [742], RoshanaeiLAU17 [744], RoshanaeiLAU17a [743] |
| Andrea Bartolini | 4 | 40 | BorghesiBLMB18 [157], BridiBLMB16 [166], BridiLBBM16 [167], BartoliniBBLM14 [81] |
| Davide Bertozzi | 4 | 52 | RuggieroBBMA09 [748], BeniniBGM06 [120], BeniniBGM05 [118], BeniniBGM05a [119] |
| Kyle E. C. Booth | 4 | 72 | RoshanaeiBAUB20 [742], SenderovichBB19 [777], BoothNB16 [155], BoothTNB16 [156] |
| Jacques Carlier | 4 | 76 | CarlierSJP21 [188], CarlierPSJ20 [187], ClautiauxJCM08 [211], NeronABCDD06 [660] |
| Sascha Van Cauwelaert | 4 | 20 | CauwelaertLS18 [196], CauwelaertDMS16 [194], DejemeppeCS15 [239], CauwelaertLS15 [195] |
| Geoffrey Chu | 4 | 47 | GuSSWC14 [369], ChuGNSW13 [204], SchuttCSW12 [766], BandaSC11 [236] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Elvin Coban | 4 | 41 | CireCH16 [210], CireCH13 [209], CobanH11 [215], CobanH10 [214] |
| Giacomo Da Col | 4 | 24 | ColT22 [224], abs-2102-08778 [217], ColT19 [218], ColT2019a [223] |
| Steven Gay | 4 | 42 | GayHLS15 [322], GayHS15 [323], GayHS15a [324], GaySS14 [325] |
| Tobias Geibinger | 4 | 6 | GeibingerKKMMW21 [328], GeibingerMM21 [331], GeibingerMM19 [330], abs-1911-04766 [329] |
| Christelle Guéret | 4 | 33 | MalapertCGJLR13 [580], MalapertCGJLR12 [579], ElkhyariGJ02 [272], ElkhyariGJ02a [273] |
| Laurent Houssin | 4 | 0 | JuvinHHL23 [456], JuvinHL23a [459], JuvinHL23 [458], JuvinHL22 [457] |
| Carla Juvin | 4 | 0 | JuvinHHL23 [456], JuvinHL23a [459], JuvinHL23 [458], JuvinHL22 [457] |
| Tamás Kis | 4 | 11 | NattafHKAL19 [644], KovacsK11 [495], KeriK07 [473], KovacsEKV05 [494] |
| Lucas Kletzander | 4 | 3 | GeibingerKKMMW21 [328], KletzanderMH21 [482], KletzanderM20 [481], KletzanderM17 [480] |
| Krzysztof Kuchcinski | 4 | 129 | WolinskiKG04 [896], KuchcinskiW03 [504], Kuchcinski03 [503], GruianK98 [367] |
| André Langevin | 4 | 213 | MalapertCGJLR13 [580], MalapertCGJLR12 [579], CorreaLR07 [220], KhayatLR06 [474] |
| Arnaud Letort | 4 | 23 | LetortCB15 [528], LetortCB13 [527], Letort13 [525], LetortBC12 [526] |
| Florian Mischek | 4 | 6 | GeibingerKKMMW21 [328], GeibingerMM21 [331], GeibingerMM19 [330], abs-1911-04766 [329] |
| Jean-Noël Monette | 4 | 24 | CauwelaertDMS16 [194], SchausHMCMD11 [761], MonetteDH09 [615], MonetteDD07 [614] |
| Greger Ottosson | 4 | 361 | HookerO03 [434], MilanoORT02 [607], HookerOTK00 [435], GetoorOFC97 [337] |
| Yanick Ouellet | 4 | 10 | OuelletQ22 [672], FahimiOQ18 [287], KameugneFGOQ18 [463], OuelletQ18 [671] |
| Adrian R. Pearce | 4 | 40 | BlomPS16 [136], BurtLPS15 [172], BlomBPS14 [135], LipovetzkyBPS14 [540] |
| Thierry Petit | 4 | 20 | DerrienP14 [245], DerrienPZ14 [246], ClercqPBJ11 [213], abs-0907-0939 [696] |
| Nicola Policella | 4 | 13 | CestaOPS14 [198], PolicellaWSO05 [703], OddiPCC05 [662], OddiPCC03 [661] |
| Mehmet Pınarbaşı | 4 | 25 | AlakaP23 [22], Pinarbasi21 [714], PinarbasiA20 [715], AlakaPY19 [23] |
| Philippe Refalo | 4 | 95 | GarganiR07 [319], BeckR03 [99], MilanoORT02 [607], Refalo00 [727] |
| Christian Schulte | 4 | 26 | WessenCSFPM23 [887], WessenCS20 [886], FrimodigS19 [312], LozanoCDS12 [563] |
| Christine Solnon | 4 | 20 | GroleazNS20 [365], GroleazNS20a [364], SacramentoSP20 [751], MelgarejoLS15 [16] |
| Pierre Tassel | 4 | 0 | TasselGS23 [817], abs-2306-05747 [818], Tassel22 [816], KovacsTKSG21 [498] |
| Daria Terekhov | 4 | 23 | TanT18 [810], TerekhovTDB14 [822], TranTDB13 [840], TerekhovDOB12 [821] |
| Dhananjay R. Thiruvady | 4 | 32 | abs-2402-00459 [647], abs-2211-14492 [804], ThiruvadyWGS14 [826], ThiruvadyBME09 [825] |
| David R. Urbach | 4 | 161 | NaderiRBAU21 [636], RoshanaeiBAUB20 [742], RoshanaeiLAU17 [744], RoshanaeiLAU17a [743] |
| József Váncza | 4 | 9 | KovacsV06 [497], KovacsEKV05 [494], KovacsV04 [496], VanczaM01 [860] |
| Toby Walsh | 4 | 2 | GelainPRVW17 [333], BessiereHMQW14 [127], ChuGNSW13 [204], HebrardTW05 [398] |
| Felix Winter | 4 | 0 | LacknerMMWW23 [515], WinterMMW22 [889], LacknerMMWW21 [514], GeibingerKKMMW21 [328] |
| Francisco Yuraszeck | 4 | 31 | YuraszeckMCCR23 [908], YuraszeckMC23 [906], YuraszeckMPV22 [907], MejiaY20 [593] |
| Max Åstrand | 4 | 27 | Astrand0F21 [51], Astrand21 [50], AstrandJZ20 [53], AstrandJZ18 [52] |
| Emile H. L. Aarts | 3 | 65 | NuijtenA96 [658], NuijtenA94 [657], NuijtenA94a [656] |
| Levi Ribeiro de Abreu | 3 | 16 | AbreuNP23 [234], AbreuN22 [233], AbreuAPNM21 [232] |
| Abderrahmane Aggoun | 3 | 194 | AggounMV08 [14], AggounV04 [15], AggounB93 [13] |
| Maliheh Aramon Bajestani | 3 | 33 | BajestaniB15 [59], BajestaniB13 [58], BajestaniB11 [57] |
| Thomas Bridi | 3 | 29 | BridiBLMB16 [166], BridiLBBM16 [167], BartoliniBBLM14 [81] |
| Menkes van den Briel | 3 | 9 | LimHTB16 [535], LimBTBB15 [537], LimBTBB15a [536] |
| Christina N. Burt | 3 | 20 | BurtLPS15 [172], BlomBPS14 [135], LipovetzkyBPS14 [540] |
| Quentin Cappart | 3 | 8 | PopovicCGNC22 [705], CappartTSR18 [180], CappartS17 [179] |
| Pedro M. Castro | 3 | 403 | HarjunkoskiMBC14 [390], CastroGR10 [192], ZeballosCM10 [914] |
| Ondrej Cepek | 3 | 36 | BartakCS10 [77], VilimBC05 [870], VilimBC04 [869] |
| Zeynel Abidin Cil | 3 | 27 | CilKLO22 [208], KizilayC20 [478], AbidinK20 [3] |
| Jordi Coll | 3 | 7 | BofillCGGPSV23 [141], BofillCSV17 [143], BofillCSV17a [142] |
| Alban Derrien | 3 | 17 | Derrien15 [244], DerrienP14 [245], DerrienPZ14 [246] |
| Minh Do | 3 | 7 | TranWDRFOVB16 [843], TranDRFWOVB16 [838], FrankDT16 [307] |
| Ulrich Dorndorf | 3 | 65 | Dorndorf2000 [258], DorndorfPH99 [257], DorndorfHP99 [256] |
| Douglas G. Down | 3 | 22 | TranPZLDB18 [839], TerekhovTDB14 [822], TranTDB13 [840] |
| David Duvivier | 3 | 138 | WangMD15 [881], MeskensDL13 [604], MeskensDHG11 [603] |
| Emrah B. Edis | 3 | 61 | Edis21 [263], EdisO11 [264], EdisO11a [265] |
| Abdallah Elkhyari | 3 | 10 | Elkhyari03 [271], ElkhyariGJ02 [272], ElkhyariGJ02a [273] |
| Andreas T. Ernst | 3 | 16 | abs-2211-14492 [804], EdwardsBSE19 [266], ThiruvadyBME09 [825] |
| Hamed Fahimi | 3 | 2 | FahimiQ23 [288], FahimiOQ18 [287], Fahimi16 [286] |
| Dominique Feillet | 3 | 68 | Acuna-AgostMFG09 [9], ArtiguesF07 [44], ArtiguesBF04 [42] |
| Sévérine Betmbe Fetgo | 3 | 1 | KameugneFND23 [464], FetgoD22 [298], KameugneFGOQ18 [463] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Laure Pauline Fotso | 3 | 19 | KameugneFSN14 [467], KameugneF13 [465], KameugneFSN11 [466] |
| Maurizio Gabbrielli | 3 | 12 | LiuCGM17 [546], AmadiniGM16 [27], FalaschiGMP97 [289] |
| Marc Garcia | 3 | 10 | BofillCGGPSV23 [141], BofillGSV15 [145], BofillEGPSV14 [144] |
| Michele Garraffa | 3 | 1 | AlfieriGPS23 [25], ArmstrongGOS22 [39], ArmstrongGOS21 [38] |
| Martin Gebser | 3 | 0 | TasselGS23 [817], abs-2306-05747 [818], KovacsTKSG21 [498] |
| Jean-Claude Gentina | 3 | 8 | KorbaaYG00 [488], LopezAKYG00 [560], KorbaaYG99 [487] |
| Arnaud Gotlieb | 3 | 22 | MossigeGSMC17 [619], AlesioBNG15 [24], AlesioNBG14 [247] |
| Lucas Groleaz | 3 | 4 | Groleaz21 [363], GroleazNS20 [365], GroleazNS20a [364] |
| Alessio Guerri | 3 | 43 | BeniniBGM06 [120], BeniniBGM05 [118], BeniniBGM05a [119] |
| Iiro Harjunkoski | 3 | 594 | HarjunkoskiMBC14 [390], HarjunkoskiG02 [388], HarjunkoskiJG00 [389] |
| Renaud Hartert | 3 | 35 | GayHLS15 [322], GayHS15 [323], GayHS15a [324] |
| Petra Hofstedt | 3 | 6 | LiuLH19 [543], LiuLH19a [542], LiuLH18 [541] |
| Marie-José Huguet | 3 | 12 | AntuoriHHEN21 [32], AntuoriHHEN20 [31], HebrardHJMPV16 [397] |
| Mark D. Johnston | 3 | 437 | Johnston05 [212], MintonJPL92 [611], MintonJPL90 [610] |
| Damla Kizilay | 3 | 27 | CilKLO22 [208], KizilayC20 [478], AbidinK20 [3] |
| Ouajdi Korbaa | 3 | 8 | KorbaaYG00 [488], LopezAKYG00 [560], KorbaaYG99 [487] |
| Stefan Kreter | 3 | 47 | KreterSSZ18 [501], KreterSS17 [500], KreterSS15 [499] |
| Elif Kürklü | 3 | 7 | ReddyFIBKAJ11 [726], FrankK05 [309], FrankK03 [308] |
| Hoong Chuin Lau | 3 | 5 | BhatnagarKL19 [128], AgussurjaKL18 [17], LauLN08 [520] |
| BoonPing Lim | 3 | 9 | LimHTB16 [535], LimBTBB15 [537], LimBTBB15a [536] |
| James Little | 3 | 58 | KrogtLPHJ07 [858], DarbyDowmanL98 [227], Darby-DowmanLMZ97 [228] |
| Shixin Liu | 3 | 1 | LiFJZLL22 [531], ZhangJZL22 [920], TanSD10 [811] |
| Ke Liu | 3 | 6 | LiuLH19 [543], LiuLH19a [542], LiuLH18 [541] |
| Tony Minoru Tamura Lopes | 3 | 47 | LopesCSM10 [559], MouraSCL08 [621], MouraSCL08a [620] |
| Adrien Maillard | 3 | 9 | HebrardALLCMR22 [396], HebrardHJMPV16 [397], Maillard15 [576] |
| Leilei Meng | 3 | 143 | MengGRZSC22 [597], MengLZB21 [598], MengZRZL20 [599] |
| Nadine Meskens | 3 | 138 | WangMD15 [881], MeskensDL13 [604], MeskensDHG11 [603] |
| Philippe Michelon | 3 | 68 | Acuna-AgostMFG09 [9], LiessM08 [532], DemasseyAM05 [242] |
| Mahdi Mokhtarzadeh | 3 | 34 | FarsiTM22 [293], RabbaniMM21 [721], MokhtarzadehTNF20 [613] |
| Arnaldo Vieira Moura | 3 | 47 | LopesCSM10 [559], MouraSCL08 [621], MouraSCL08a [620] |
| Marcelo Seido Nagano | 3 | 16 | AbreuNP23 [234], AbreuN22 [233], AbreuAPNM21 [232] |
| Hiroki Nishikawa | 3 | 6 | NishikawaSTT19 [650], NishikawaSTT18 [648], NishikawaSTT18a [649] |
| Ceyda Oguz | 3 | 93 | UnsalO19 [851], UnsalO13 [850], EdisO11 [264] |
| Laurent Perron | 3 | 56 | Perron05 [691], PerronSF04 [692], DannaP03 [226] |
| Eric Pinson | 3 | 41 | CarlierSJP21 [188], CarlierPSJ20 [187], GuyonLPR12 [375] |
| Bruno A. Prata | 3 | 1 | PrataAN23 [710], AbreuNP23 [234], AbreuPNF23 [5] |
| Rasmus V. Rasmussen | 3 | 78 | RasmussenT09 [725], RasmussenT07 [724], RasmussenT06 [723] |
| Yaping Ren | 3 | 143 | MengGRZSC22 [597], MengLZB21 [598], MengZRZL20 [599] |
| Robert Rodosek | 3 | 72 | RodosekWH99 [736], RodosekW98 [735], Rodosek94 [734] |
| Francesca Rossi | 3 | 83 | GelainPRVW17 [333], BartakSR10 [79], BartakSR08 [83] |
| Hani El Sakkout | 3 | 82 | KamarainenS02 [460], SakkoutW00 [756], SakkoutRW98 [755] |
| Gunnar Schrader | 3 | 13 | Wolf09 [895], WolfS05 [894], SchuttWS05 [776] |
| Jens Schulz | 3 | 40 | HeinzSB13 [406], HeinzS11 [405], BertholdHLMS10 [126] |
| Paul Shaw | 3 | 213 | LaborieRSV18 [512], VilimLS15 [871], PerronSF04 [692] |
| Kana Shimada | 3 | 6 | NishikawaSTT19 [650], NishikawaSTT18 [648], NishikawaSTT18a [649] |
| Gilles Simonin | 3 | 8 | GodetLHS20 [345], SimoninAHL15 [787], SimoninAHL12 [786] |
| Cid C. de Souza | 3 | 21 | MouraSCL08 [621], MouraSCL08a [620], HeipckeCCS00 [409] |
| Ittetsu Taniguchi | 3 | 6 | NishikawaSTT19 [650], NishikawaSTT18 [648], NishikawaSTT18a [649] |
| Erich Teppan | 3 | 13 | abs-2102-08778 [217], ColT2019a [223], FriedrichFMRSST14 [310] |
| Sylvie Thiébaux | 3 | 9 | LimHTB16 [535], LimBTBB15 [537], LimBTBB15a [536] |
| Hiroyuki Tomiyama | 3 | 6 | NishikawaSTT19 [650], NishikawaSTT18 [648], NishikawaSTT18a [649] |
| Tiago Stegun Vaquero | 3 | 29 | TranVNB17 [841], TranVNB17a [842], LouieVNB14 [562] |
| Gérard Verfaillie | 3 | 119 | HebrardHJMPV16 [397], VerfaillieL01 [861], BensanaLV99 [125] |
| Daniel Walkiewicz | 3 | 0 | LacknerMMWW23 [515], WinterMMW22 [889], LacknerMMWW21 [514] |
| Jean-Paul Watson | 3 | 57 | BeckFW11 [93], WatsonB08 [884], WatsonBHW99 [883] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Laurence A. Wolsey | 3 | 50 | HoundjiSW19 [438], HoundjiSWD14 [439], SadykovW06 [754] |
| Seyda Topaloglu Yildiz | 3 | 22 | IsikYA23 [445], YunusogluY22 [905], KucukY19 [507] |
| Pascal Yim | 3 | 8 | KorbaaYG00 [488], LopezAKYG00 [560], KorbaaYG99 [487] |
| Alessandro Zanarini | 3 | 25 | AstrandJZ20 [53], AstrandJZ18 [52], BonfiettiZLM16 [153] |
| Biao Zhang | 3 | 143 | MengGRZSC22 [597], MengLZB21 [598], MengZRZL20 [599] |
| Levi R. Abreu | 2 | 0 | PrataAN23 [710], AbreuPNF23 [5] |
| Michael Affenzeller | 2 | 14 | HauderBRPA20 [394], abs-1902-09244 [393] |
| Mark Antunes | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Valentin Antuori | 2 | 3 | AntuoriHHEN21 [32], AntuoriHHEN20 [31] |
| Vincent Armant | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Eddie Armstrong | 2 | 1 | ArmstrongGOS22 [39], ArmstrongGOS21 [38] |
| Scott Backhaus | 2 | 7 | LimBTBB15 [537], LimBTBB15a [536] |
| Amelia Badica | 2 | 4 | BadicaBI20 [55], BadicaBIL19 [56] |
| Costin Badica | 2 | 4 | BadicaBI20 [55], BadicaBIL19 [56] |
| Pierre Baptiste | 2 | 13 | BoucherBVBL97 [159], BaptisteLV92 [71] |
| Laura Barbulescu | 2 | 0 | BarbulescuWH04 [72], WatsonBHW99 [883] |
| Nicolas Barnier | 2 | 0 | WangB23 [880], WangB20 [879] |
| Peter van Beek | 2 | 16 | BegB13 [104], MalikMB08 [584] |
| Andreas Beham | 2 | 14 | HauderBRPA20 [394], abs-1902-09244 [393] |
| Jan Kristof Behrens | 2 | 12 | BehrensLM19 [105], abs-1901-07914 [106] |
| Ondrej Benedikt | 2 | 3 | BenediktMH20 [116], BenediktSMVH18 [117] |
| Russell Bent | 2 | 7 | LimBTBB15 [537], LimBTBB15a [536] |
| Timo Berthold | 2 | 108 | BertholdHLMS10 [126], AchterbergBKW08 [8] |
| Julien Bidot | 2 | 58 | BidotVLB09 [130], BidotVLB07 [129] |
| Jean-Charles Billaut | 2 | 23 | BillautHL12 [131], LorigeonBB02 [561] |
| Michelle L. Blom | 2 | 35 | BlomPS16 [136], BlomBPS14 [135] |
| Alexander Bockmayr | 2 | 91 | BockmayrP06 [140], BockmayrK98 [139] |
| Andrea Borghesi | 2 | 23 | BorghesiBLMB18 [157], BartoliniBBLM14 [81] |
| Lionel C. Briand | 2 | 16 | AlesioBNG15 [24], AlesioNBG14 [247] |
| Jordi Coll Caballero | 2 | 0 | Caballero23 [175], Caballero19 [174] |
| Eray Cakici | 2 | 71 | HamFC17 [380], HamC16 [384] |
| Dario Canut-de-Bon | 2 | 1 | YuraszeckMCCR23 [908], YuraszeckMC23 [906] |
| Tom Carchrae | 2 | 16 | CarchraeB09 [181], CarchraeBF05 [182] |
| Yarong Chen | 2 | 7 | PengLC14 [687], ChenGPSH10 [203] |
| Andy Hon Wai Chun | 2 | 3 | ChunS14 [207], ChunCTY99 [206] |
| Alexis De Clercq | 2 | 3 | Clercq12 [235], ClercqPBJ11 [213] |
| Yves Colombani | 2 | 9 | HeipckeCCS00 [409], Colombani96 [219] |
| Gabriella Cortellessa | 2 | 11 | OddiPCC05 [662], OddiPCC03 [661] |
| Emilie Danna | 2 | 23 | DannaP04 [225], DannaP03 [226] |
| Ken Darby-Dowman | 2 | 56 | DarbyDowmanL98 [227], Darby-DowmanLMZ97 [228] |
| Stéphane Dauzère-Pérès | 2 | 14 | PenzDN23 [688], NattafDYW19 [643] |
| Mauro Dell'Amico | 2 | 2 | MontemanniD23 [617], MontemanniD23a [616] |
| Daniel A. Desmond | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Bistra N. Dilkina | 2 | 2 | DilkinaDH05 [248], DilkinaH04 [249] |
| Mehmet Dincbas | 2 | 86 | DincbasS91 [251], DincbasSH90 [252] |
| Clémentin Tayou Djamégni | 2 | 0 | KameugneFND23 [464], FetgoD22 [298] |
| Seyed Hossein Hashemi Doulabi | 2 | 59 | DoulabiRP16 [260], DoulabiRP14 [259] |
| Yuquan Du | 2 | 44 | QinDCS20 [717], QinDS16 [718] |
| Sebastian Engell | 2 | 384 | KlankeBYE21 [479], HarjunkoskiMBC14 [390] |
| Tamer Eren | 2 | 20 | GurPAE23 [374], GurEA19 [934] |
| Guillaume Escamocher | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Siham Essodaigui | 2 | 3 | AntuoriHHEN21 [32], AntuoriHHEN20 [31] |
| Caroline Even | 2 | 3 | EvenSH15 [283], EvenSH15a [284] |
| Azadeh Farsi | 2 | 30 | FarsiTM22 [293], MokhtarzadehTNF20 [613] |
| Eugene C. Freuder | 2 | 0 | CarchraeBF05 [182], WallaceF00 [878] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Gerhard Friedrich | 2 | 3 | FriedrichFMRSST14 [310], KusterJF07 [506] |
| Sara Frimodig | 2 | 3 | FrimodigECM23 [311], FrimodigS19 [312] |
| Michel Gamache | 2 | 0 | AalianPG23 [1], CampeauG22 [178] |
| Antonio Garrido | 2 | 27 | GarridoAO09 [320], GarridoOS08 [321] |
| Ridvan Gedik | 2 | 63 | GedikKEK18 [326], GedikKBR17 [327] |
| Michel Gendreau | 2 | 58 | HachemiGR11 [376], PesantGPR99 [693] |
| Anne-Marie George | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Vincent Gingras | 2 | 1 | KameugneFGOQ18 [463], GingrasQ16 [341] |
| Gaël Glorian | 2 | 0 | PerezGSL23 [689], abs-2312-13682 [690] |
| Arthur Godet | 2 | 1 | Godet21a [344], GodetLHS20 [345] |
| Adrian Goldwaser | 2 | 8 | GoldwaserS18 [351], GoldwaserS17 [350] |
| Carla P. Gomes | 2 | 0 | HoeveGSL07 [859], GomesHS06 [354] |
| Daniel Guimarans | 2 | 2 | GokPTGO23 [348], GokGSTO20 [347] |
| Andy M. Ham | 2 | 214 | Ham18 [383], HamC16 [384] |
| Richard F. Hartl | 2 | 36 | SchnellH17 [764], SchnellH15 [763] |
| Viktoria A. Hauder | 2 | 14 | HauderBRPA20 [394], abs-1902-09244 [393] |
| William S. Havens | 2 | 2 | DilkinaDH05 [248], DilkinaH04 [249] |
| Vilém Heinz | 2 | 5 | abs-2305-19888 [408], HeinzNVH22 [407] |
| Martin Henz | 2 | 109 | HenzMT04 [414], Henz01 [413] |
| Alessandro Hill | 2 | 0 | HillBCGN22 [417], HillTV21 [418] |
| Pierre-Emmanuel Hladik | 2 | 69 | HladikCDJ08 [419], CambazardHDJT04 [176] |
| Vinasétan Ratheil Houndji | 2 | 5 | HoundjiSW19 [438], HoundjiSWD14 [439] |
| Adele E. Howe | 2 | 0 | BarbulescuWH04 [72], WatsonBHW99 [883] |
| Marie-José Huguet | 2 | 1 | BriandHHL08 [165], EsquirolLH2008 [281] |
| Barry Hurley | 2 | 1 | HurleyOS16 [442], KinsellaS0OS16 [477] |
| Toàn Phan Huy | 2 | 18 | DorndorfPH99 [257], DorndorfHP99 [256] |
| Georgiana Ifrim | 2 | 12 | GrimesIOS14 [362], IfrimOS12 [443] |
| Mirjana Ivanovic | 2 | 4 | BadicaBI20 [55], BadicaBIL19 [56] |
| Vipul Jain | 2 | 323 | JainG01 [448], HarjunkoskiJG00 [389] |
| Raf Jans | 2 | 60 | MartnezAJ22 [590], Jans09 [449] |
| Antoine Jouglet | 2 | 67 | CarlierSJP21 [188], ClautiauxJCM08 [211] |
| Ari K. Jónsson | 2 | 3 | ReddyFIBKAJ11 [726], DraperJCJ99 [261] |
| Kamran Kianfar | 2 | 11 | GhandehariK22 [338], YounespourAKE19 [902] |
| Emre Kirac | 2 | 63 | GedikKEK18 [326], GedikKBR17 [327] |
| Sigrid Knust | 2 | 247 | KendallKRU10 [471], BruckerK00 [169] |
| Per Kreuger | 2 | 1 | AronssonBK09 [41], CarlssonKA99 [190] |
| Wen-Yang Ku | 2 | 128 | KuB16 [502], HeinzKB13 [403] |
| Akshat Kumar | 2 | 5 | BhatnagarKL19 [128], AgussurjaKL18 [17] |
| Marie-Louise Lackner | 2 | 0 | LacknerMMWW23 [515], LacknerMMWW21 [514] |
| Philip Laird | 2 | 437 | MintonJPL92 [611], MintonJPL90 [610] |
| Arnaud Lallouet | 2 | 0 | PerezGSL23 [689], abs-2312-13682 [690] |
| Evelina Lamma | 2 | 12 | LammaMM97 [518], BrusoniCLMMT96 [170] |
| Ralph Lange | 2 | 12 | BehrensLM19 [105], abs-1901-07914 [106] |
| Jeffrey Larson | 2 | 11 | CarlssonJL17 [189], LarsonJC14 [519] |
| Christophe Lecoutre | 2 | 20 | FalqueALM24 [291], GayHLS15 [322] |
| Bruno Legeard | 2 | 13 | BoucherBVBL97 [159], BaptisteLV92 [71] |
| Pierre Lemaire | 2 | 32 | CatusseCBL16 [193], GuyonLPR12 [375] |
| Michel Lemaître | 2 | 110 | VerfaillieL01 [861], BensanaLV99 [125] |
| Andrew Lim | 2 | 5 | LimRX04 [534], LimAHO02a [533] |
| Kamol Limtanyakul | 2 | 6 | LimtanyakulS12 [539], Limtanyakul07 [538] |
| Yiqing Lin | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Nir Lipovetzky | 2 | 5 | BurtLPS15 [172], LipovetzkyBPS14 [540] |
| Sven Loeffler | 2 | 5 | LiuLH19a [542], LiuLH18 [541] |
| Xavier Lorca | 2 | 29 | GodetLHS20 [345], HermenierDL11 [415] |
| Curtiss Luong | 2 | 115 | RoshanaeiLAU17 [744], RoshanaeiLAU17a [743] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Chang Lv | 2 | 105 | MengLZB21 [598], MengZRZL20 [599] |
| Gilles Madi-Wamba | 2 | 1 | Madi-WambaLOBM17 [574], Madi-WambaB16 [573] |
| Abid M. Malik | 2 | 15 | Malik08 [583], MalikMB08 [584] |
| Masoumeh Mansouri | 2 | 12 | BehrensLM19 [105], abs-1901-07914 [106] |
| Jacopo Mauro | 2 | 2 | LiuCGM17 [546], AmadiniGM16 [27] |
| Gonzalo Mejía | 2 | 25 | YuraszeckMC23 [906], MejiaY20 [593] |
| Paola Mello | 2 | 12 | LammaMM97 [518], BrusoniCLMMT96 [170] |
| Carlos Mencía | 2 | 25 | MenciaSV13 [596], MenciaSV12 [595] |
| Luc Mercier | 2 | 37 | MercierH08 [600], MercierH07 [601] |
| Bernd Meyer | 2 | 50 | ThiruvadyBME09 [825], MeyerE04 [605] |
| Steven Minton | 2 | 437 | MintonJPL92 [611], MintonJPL90 [610] |
| Roberto Montemanni | 2 | 2 | MontemanniD23 [617], MontemanniD23a [616] |
| Christoph Mrkvicka | 2 | 0 | LacknerMMWW23 [515], LacknerMMWW21 [514] |
| Nicola Muscettola | 2 | 14 | Muscettola02 [628], Muscettola94 [627] |
| István Módos | 2 | 3 | BenediktMH20 [116], BenediktSMVH18 [117] |
| Carlos A. Méndez | 2 | 29 | ZeballosCM10 [914], ZeballosM09 [916] |
| Marcelo S. Nagano | 2 | 0 | PrataAN23 [710], AbreuPNF23 [5] |
| Samba Ndojh Ndiaye | 2 | 4 | GroleazNS20 [365], GroleazNS20a [364] |
| Shiva Nejati | 2 | 16 | AlesioBNG15 [24], AlesioNBG14 [247] |
| Youcheu Ngo-Kateu | 2 | 13 | KameugneFSN14 [467], KameugneFSN11 [466] |
| Alain Nguyen | 2 | 3 | AntuoriHHEN21 [32], AntuoriHHEN20 [31] |
| Su Nguyen | 2 | 0 | abs-2402-00459 [647], abs-2211-14492 [804] |
| Behdin Vahedi Nouri | 2 | 25 | Mehdizadeh-Somarin23 [592], MokhtarzadehTNF20 [613] |
| Antonín Novák | 2 | 5 | abs-2305-19888 [408], HeinzNVH22 [407] |
| Bryan O'Gorman | 2 | 3 | TranWDRFOVB16 [843], TranDRFWOVB16 [838] |
| Mike O'Keeffe | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Eva Onaindia | 2 | 27 | GarridoAO09 [320], GarridoOS08 [321] |
| Irem Ozkarahan | 2 | 89 | EdisO11a [265], TopaloglugO11 [831] |
| Myoung-Ju Park | 2 | 19 | HamPK21 [382], HamP21 [381] |
| Sophie N. Parragh | 2 | 14 | HauderBRPA20 [394], abs-1902-09244 [393] |
| Yunfang Peng | 2 | 7 | PengLC14 [687], ChenGPSH10 [203] |
| Guillaume Perez | 2 | 0 | PerezGSL23 [689], abs-2312-13682 [690] |
| Andrew B. Philips | 2 | 437 | MintonJPL92 [611], MintonJPL90 [610] |
| Mehmet Pinarbasi | 2 | 17 | GurPAE23 [374], PinarbasiAY19 [698] |
| Enrico Pontelli | 2 | 0 | TardivoDFMP23 [815], VillaverdeP04 [872] |
| Patrick Prosser | 2 | 0 | BeckPS03 [98], Prosser89 [712] |
| Tianbao Qin | 2 | 44 | QinDCS20 [717], QinDS16 [718] |
| Luis Quesada | 2 | 1 | AntunesABD20 [30], AntunesABD18 [29] |
| Oscar Quiroga | 2 | 35 | ZeballosQH10 [918], QuirogaZH05 [720] |
| Sebastian Raggl | 2 | 14 | HauderBRPA20 [394], abs-1902-09244 [393] |
| Günther R. Raidl | 2 | 14 | FrohnerTR19 [314], RendlPHPR12 [729] |
| Riccardo Rasconi | 2 | 0 | OddiRCS11 [664], OddiRC10 [663] |
| Chandra Reddy | 2 | 20 | DavenportKRSH07 [230], OkanoDTRYA04 [667] |
| Celso C. Ribeiro | 2 | 228 | Ribeiro12 [731], KendallKRU10 [471] |
| Eleanor Gilbert Rieffel | 2 | 3 | TranWDRFOVB16 [843], TranDRFWOVB16 [838] |
| David Rivreau | 2 | 42 | NattafALR16 [642], GuyonLPR12 [375] |
| Stéphanie Roussel | 2 | 1 | SquillaciPR23 [798], PachecoPR19 [678] |
| Chanchal K. Roy | 2 | 43 | ZibranR11 [931], ZibranR11a [932] |
| Norman M. Sadeh | 2 | 95 | SadehF96 [752], FoxS90 [306] |
| Ruslan Sadykov | 2 | 56 | SadykovW06 [754], Sadykov04 [753] |
| Hongyan Sang | 2 | 43 | MengGRZSC22 [597], MengLZB21 [598] |
| Andrea Schaerf | 2 | 0 | Schaerf97 [759], Schaerf96 [758] |
| Konstantin Schekotihin | 2 | 0 | TasselGS23 [817], abs-2306-05747 [818] |
| Hans Schlenker | 2 | 5 | WolfS05a [893], AbdennadherS99 [2] |
| Alexander Schnell | 2 | 36 | SchnellH17 [764], SchnellH15 [763] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Joseph D. Scott | 2 | 13 | KameugneFSN14 [467], KameugneFSN11 [466] |
| Bart Selman | 2 | 0 | HoeveGSL07 [859], GomesHS06 [354] |
| Mei Sha | 2 | 44 | QinDCS20 [717], QinDS16 [718] |
| María R. Sierra | 2 | 25 | MenciaSV13 [596], MenciaSV12 [595] |
| Edward M. Sitarski | 2 | 0 | BeckDSF97 [91], BeckDSF97a [92] |
| Wijnand Suijlen | 2 | 0 | PerezGSL23 [689], abs-2312-13682 [690] |
| Yuan Sun | 2 | 0 | abs-2402-00459 [647], abs-2211-14492 [804] |
| Yuanyuan Tan | 2 | 41 | TanZWGQ19 [812], TanSD10 [811] |
| Lixin Tang | 2 | 33 | SunTB19 [803], RenT09 [728] |
| Erich Christian Teppan | 2 | 11 | Teppan22 [820], ColT19 [218] |
| Alexander Tesch | 2 | 9 | Tesch18 [824], Tesch16 [823] |
| Charles Thomas | 2 | 6 | ThomasKS20 [827], CappartTSR18 [180] |
| Erlendur S. Thorsteinsson | 2 | 81 | MilanoORT02 [607], Thorsteinsson01 [828] |
| Maurizio Tomasella | 2 | 2 | GokPTGO23 [348], GokGSTO20 [347] |
| Seyda Topaloglu | 2 | 77 | TopaloglusS12 [832], TopaloglusO11 [831] |
| Semra Tunali | 2 | 46 | OzturkTHO13 [676], OzturkTHO10 [675] |
| Semra Tunalı | 2 | 32 | OzturkTHO15 [677], OzturkTHO12 [674] |
| Ozgur Unsal | 2 | 88 | UnsalO19 [851], UnsalO13 [850] |
| Behdin Vahedi-Nouri | 2 | 9 | Fatemi-AnarakiTFV23 [294], NouriMHD23 [852] |
| Ramiro Varela | 2 | 25 | MenciaSV13 [596], MenciaSV12 [595] |
| Christophe Varnier | 2 | 13 | BoucherBVBL97 [159], BaptisteLV92 [71] |
| Alkis Vazacopoulos | 2 | 7 | AggounMV08 [14], AggounV04 [15] |
| Davide Venturelli | 2 | 3 | TranWDRFOVB16 [843], TranDRFWOVB16 [838] |
| Thierry Vidal | 2 | 58 | BidotVLB09 [130], BidotVLB07 [129] |
| Ruixin Wang | 2 | 0 | WangB23 [880], WangB20 [879] |
| Zhihui Wang | 2 | 3 | TranWDRFOVB16 [843], TranDRFWOVB16 [838] |
| Johan Wessén | 2 | 2 | WessenCSFPM23 [887], WessenCS20 [886] |
| L. Darrell Whitley | 2 | 0 | BarbulescuWH04 [72], WatsonBHW99 [883] |
| Christophe Wolinski | 2 | 19 | WolinskiKG04 [896], KuchcinskiW03 [504] |
| Christine Wei Wu | 2 | 42 | WuBB09 [898], WuBB05 [897] |
| Farouk Yalaoui | 2 | 3 | OujanaAYB22 [673], ArbaouiY18 [35] |
| Neil Yorke-Smith | 2 | 5 | EfthymiouY23 [267], WallaceY20 [877] |
| Stéphane Zampelli | 2 | 23 | DerrienPZ14 [246], ZampelliVSDR13 [910] |
| Gregory S. Zaric | 2 | 7 | NaderiBZR23 [632], NaderiBZ22a [631] |
| Chaoyong Zhang | 2 | 105 | MengLZB21 [598], MengZRZL20 [599] |
| Guoqing Zhang | 2 | 0 | NaderiBZ23 [634], NaderiBZ22 [633] |
| Ziyan Zhao | 2 | 0 | LiFJZLL22 [531], ZhangJZL22 [920] |
| Jianyang Zhou | 2 | 24 | Zhou97 [927], Zhou96 [926] |
| Minhaz F. Zibran | 2 | 43 | ZibranR11 [931], ZibranR11a [932] |
| | 1 | 63 | ArtiguesDN08 [43] |
| Younes Aalian | 1 | 0 | AalianPG23 [1] |
| Slim Abdennadher | 1 | 0 | AbdennadherS99 [2] |
| Abdulrahman M. Abdulghani | 1 | 0 | AkramNHRSA23 [19] |
| M. Abdullah-Al-Wadud | 1 | 0 | NaqviAIAAA22 [638] |
| Hanaa Abohashima | 1 | 1 | AbohashimaEG21 [4] |
| Montserrat Abril | 1 | 0 | AbrilSB05 [6] |
| Tobias Achterberg | 1 | 80 | AchterbergBKW08 [8] |
| Rodrigo Acuna-Agost | 1 | 3 | Acuna-AgostMFG09 [9] |
| Nathan Adelgren | 1 | 0 | Adelgren2023 [11] |
| W. Adelman | 1 | 17 | EscobetPQPRA19 [279] |
| Yossiri Adulyasak | 1 | 1 | MartnezAJ22 [590] |
| Sezin Afsar | 1 | 0 | AfsarVPG23 [12] |
| Penélope Aguiar-Melgarejo | 1 | 14 | MelgarejoLS15 [16] |
| Lucas Agussurja | 1 | 4 | AgussurjaKL18 [17] |
| Sanjay Ahire | 1 | 0 | KanetAG04 [468] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Adnan Ahmad | 1 | 0 | NaqviAIAAA22 [638] |
| Mitchell Ai-Chang | 1 | 3 | ReddyFIBKAJ11 [726] |
| Uwe Aickelin | 1 | 0 | abs-2211-14492 [804] |
| Farid Ajili | 1 | 4 | AjiliW04 [18] |
| J. M. van den Akker | 1 | 2 | AkkerDH07 [856] |
| Rama Akkiraju | 1 | 0 | MurthyRAW97 [626] |
| Özge Satir Akpunar | 1 | 0 | IsikYA23 [445] |
| Bilal Omar Akram | 1 | 0 | AkramNHRSA23 [19] |
| Tallha Akram | 1 | 0 | NaqviAIAAA22 [638] |
| O. M. Alade | 1 | 0 | abs-1902-01193 [20] |
| Haci Mehmet Alakas | 1 | 1 | GurPAE23 [374] |
| Hacı Mehmet Alakas | 1 | 16 | PinarbasiAY19 [698] |
| Atif Alamri | 1 | 0 | NaqviAIAAA22 [638] |
| Andrew Alcock | 1 | 0 | RoweJCA96 [747] |
| Panayiotis Alefragis | 1 | 4 | EmeretlisTAV17 [275] |
| Stefano Di Alesio | 1 | 13 | AlesioBNG15 [24] |
| Stefano Di Alesio | 1 | 3 | AlesioNBG14 [247] |
| Arianna Alfieri | 1 | 0 | AlfieriGPS23 [25] |
| Samira Alizdeh | 1 | 1 | AlizdehS20 [26] |
| Hassane Alla | 1 | 0 | LopezAKYG00 [560] |
| Bradley P. Allen | 1 | 0 | FoxAS82 [305] |
| Roberto Amadini | 1 | 2 | AmadiniGM16 [27] |
| Masami Amano | 1 | 19 | OkanoDTRYA04 [667] |
| Lionel Amodeo | 1 | 1 | OujanaAYB22 [673] |
| A. O. Amusat | 1 | 0 | abs-1902-01193 [20] |
| El Yaakoubi Anass | 1 | 0 | FallahiAC20 [290] |
| David Andre | 1 | 0 | FukunagaHFAMN02 [316] |
| Alexandru Andrei | 1 | 9 | RuggieroBBMA09 [748] |
| Juay Chin Ang | 1 | 0 | LimAHO02a [533] |
| Ola Angelsmark | 1 | 1 | AngelsmarkJ00 [28] |
| Marlene Arangú | 1 | 5 | GarridoAO09 [320] |
| Arthur Araujo | 1 | 72 | TranAB16 [836] |
| Kennedy Anderson Guimarães Araújo | 1 | 5 | AbreuAPNM21 [232] |
| Taha Arbaoui | 1 | 2 | ArbaouiY18 [35] |
| Dmitry Arkhipov | 1 | 12 | ArkhipovBL19 [37] |
| Dmitrii Arkhipov | 1 | 0 | Arkhipov19 [36] |
| Vinícius Amaral Armentano | 1 | 25 | FachiniA20 [285] |
| Martin Aronsson | 1 | 0 | AronssonBK09 [41] |
| LVR Arruda | 1 | 7 | MagataoAN05 [575] |
| Konstantin Artiouchine | 1 | 3 | ArtiouchineB05 [49] |
| Ali Akbar Sadat Asl | 1 | 55 | ZarandiASC20 [912] |
| Arezoo Atighehchian | 1 | 7 | YounespourAKE19 [902] |
| Gilles Audemard | 1 | 0 | FalqueALM24 [291] |
| Mohamed Awad | 1 | 3 | AwadMDMT22 [54] |
| Davaatseren Baatar | 1 | 3 | EdwardsBSE19 [266] |
| Özalp Babaoglu | 1 | 1 | GalleguillosKSB19 [317] |
| Irena Bach | 1 | 0 | BocewiczBB09 [137] |
| Astrid Bachelu | 1 | 0 | BoucherBVBL97 [159] |
| Andrew B. Baker | 1 | 0 | CrawfordB94 [221] |
| Hari Balasubramanian | 1 | 9 | ShinBBHO18 [782] |
| Roberto Baldacci | 1 | 31 | SunTB19 [803] |
| Marcello Balduccini | 1 | 20 | Balduccini11 [60] |
| Gohram Baloch | 1 | 25 | BalochG20 [61] |
| Zbigniew Antoni Banaszak | 1 | 0 | BocewiczBB09 [137] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Maria Garcia de la Banda | 1 | 24 | BandaSC11 [236] |
| Federico Barber | 1 | 0 | AbrilSB05 [6] |
| Ada Barlatt | 1 | 1 | BarlattCG08 [73] |
| Roman Barták | 1 | 54 | BartakSR08 [83] |
| Mohammadreza Barzegaran | 1 | 0 | BarzegaranZP20 [84] |
| Virginie Basini | 1 | 8 | Polo-MejiaALB20 [704] |
| Olga Battaïa | 1 | 12 | ArkhipovBL19 [37] |
| Brian Bautsch | 1 | 1 | LudwigKRBMS14 [566] |
| Asma Ouled Bedhief | 1 | 0 | Bedhief21 [103] |
| Mirza Omer Beg | 1 | 1 | BegB13 [104] |
| Said Belhadji | 1 | 3 | BelhadjiI98 [113] |
| Sana Belmokhtar | 1 | 16 | ArtiguesBF04 [42] |
| Till Bender | 1 | 1 | BenderWS21 [114] |
| Belaid Benhamou | 1 | 0 | TouatBT22 [834] |
| Hachemi Bennaceur | 1 | 8 | KhemmoudjPB06 [475] |
| Ashlea Bennet Milburn | 1 | 20 | GedikKBR17 [327] |
| Thierry Benoist | 1 | 13 | BenoistGR02 [124] |
| E. Bensana | 1 | 99 | BensanaLV99 [125] |
| Christian Bessiere | 1 | 1 | BessiereHMQW14 [127] |
| Saumya Bhatnagar | 1 | 1 | BhatnagarKL19 [128] |
| Giovanni Lo Bianco | 1 | 1 | ZhangBB22 [921] |
| Ernesto G. Birgin | 1 | 30 | LunardiBLRV20 [567] |
| Arthur Bit-Monnot | 1 | 0 | Bit-Monnot23 [132] |
| Jacek Blazewicz | 1 | 38 | BlazewiczEP19 [133] |
| Dominik R. Bleidorn | 1 | 3 | KlankeBYE21 [479] |
| Christian Blum | 1 | 13 | ThiruvadyBME09 [825] |
| Grzegorz Bocewicz | 1 | 0 | BocewiczBB09 [137] |
| Pim van den Bogaerdt | 1 | 1 | BogaerdtW19 [857] |
| Markus Bohlin | 1 | 0 | AronssonBK09 [41] |
| Peter Bongers | 1 | 381 | HarjunkoskiMBC14 [390] |
| Nicolas Bonifas | 1 | 3 | BaptisteB18 [64] |
| Camille Bonnin | 1 | 0 | BonninMNE24 [154] |
| F. Bosi | 1 | 3 | BosiM2001 [158] |
| Eric Boucher | 1 | 0 | BoucherBVBL97 [159] |
| Raphaël Boudreault | 1 | 0 | BoudreaultSLQ22 [160] |
| Jean-Louis Bouquard | 1 | 22 | LorigeonBB02 [561] |
| Stéphane Bourdais | 1 | 29 | BourdaisGP03 [161] |
| Eric Bourreau | 1 | 4 | BourreauGGLT22 [162] |
| Matthew E. Boyce | 1 | 3 | ReddyFIBKAJ11 [726] |
| Sally C. Brailsford | 1 | 56 | SmithBHW96 [795] |
| Nadia Brauner | 1 | 0 | CatusseCBL16 [193] |
| Silvia Breitinger | 1 | 0 | BreitingerL95 [164] |
| Cyril Briand | 1 | 1 | BriandHHL08 [165] |
| Andrea J. Brickey | 1 | 0 | HillBCGN22 [417] |
| D. Brodart | 1 | 1 | OujanaAYB22 [673] |
| Peter Brucker | 1 | 66 | BruckerK00 [169] |
| Yuriy Brun | 1 | 9 | ShinBBHO18 [782] |
| Vittorio Brusoni | 1 | 1 | BrusoniCLMMT96 [170] |
| Yossi Bukchin | 1 | 66 | BukchinR18 [171] |
| Edmund K. Burke | 1 | 41 | PourDERB18 [706] |
| Josef Bürgler | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Jacek Błażewicz | 1 | 344 | BlazewiczDP96 [173] |
| Louis-Pierre Campeau | 1 | 0 | CampeauG22 [178] |
| Björn Carlson | 1 | 0 | GetoorOFC97 [337] |
| Yves Caseau | 1 | 0 | Caseau97 [191] |

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| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Oscar Castillo | 1 | 55 | ZarandiASC20 [912] |
| Nicolas Catusse | 1 | 0 | CatusseCBL16 [193] |
| Sasha Van Cauwelaert | 1 | 2 | CauwelaertDS20 [197] |
| Cristina C. B. Cavalcante | 1 | 5 | HeipckeCCS00 [409] |
| Steve Ho Chuen Chan | 1 | 0 | ChunCTY99 [206] |
| Yao-Ting Chang | 1 | 2 | HoYCLLCLC18 [420] |
| Zhang Chaoyong | 1 | 38 | MengGRZSC22 [597] |
| Nicolas Chapados | 1 | 5 | ChapadosJR11 [202] |
| Philippe Charlier | 1 | 11 | SimonisCK00 [792] |
| Jiang Hang Chen | 1 | 27 | QinDCS20 [717] |
| Cheng-Chung Cheng | 1 | 0 | SmithC93 [796] |
| T. C. E. Cheng | 1 | 2 | SuCC13 [800] |
| Mohammad Cherkaoui | 1 | 0 | FallahiAC20 [290] |
| Steve A. Chien | 1 | 0 | HebrardALLCMR22 [396] |
| Han-Mo Chiu | 1 | 2 | HoYCLLCLC18 [420] |
| Yufang Chiu | 1 | 2 | SuCC13 [800] |
| Yeonjun Choi | 1 | 0 | KimCMLLP23 [476] |
| Yingyi Chu | 1 | 13 | ChuX05 [205] |
| Sue-Min Chu | 1 | 2 | HoYCLLCLC18 [420] |
| Italo Cipriano | 1 | 0 | HillBCGN22 [417] |
| François Clautiaux | 1 | 64 | ClautiauxJCM08 [211] |
| Bradley J. Clement | 1 | 0 | Johnston05 [212] |
| David P. Clements | 1 | 0 | DraperJCJ99 [261] |
| Andrew Codd | 1 | 0 | RoweJCA96 [747] |
| Michael Codish | 1 | 127 | OhrimenkoSC09 [666] |
| Carleton Coffrin | 1 | 14 | SchausHMCMD11 [761] |
| Eldan Cohen | 1 | 1 | CohenHB17 [216] |
| Amy Mainville Cohn | 1 | 1 | BarlattCG08 [73] |
| Luca Console | 1 | 1 | BrusoniCLMMT96 [170] |
| Evelyn Contejean | 1 | 167 | BeldiceanuC94 [111] |
| Trijntje Cornelissens | 1 | 17 | SimonisC95 [793] |
| Ayoub Insa Corréa | 1 | 106 | CorreaLR07 [220] |
| Roberto Di Cosmo | 1 | 0 | LiuCGM17 [546] |
| James M. Crawford | 1 | 0 | CrawfordB94 [221] |
| James Crawford | 1 | 0 | GlobusCLP04 [342] |
| Nicolás Cuneo | 1 | 0 | YuraszeckMCCR23 [908] |
| Kateryna Czerniachowska | 1 | 0 | CzerniachowskaWZ23 [222] |
| Alain Côté | 1 | 0 | PopovicCGNC22 [705] |
| Jean Damay | 1 | 3 | NeronABCDD06 [660] |
| Ernest Davis | 1 | 308 | Davis87 [231] |
| Eugene D. Davis | 1 | 9 | BeckDDF98 [89] |
| Rina Dechter | 1 | 10 | FrostD98 [315] |
| Xavier Delorme | 1 | 0 | RodriguezDG02 [739] |
| Alain Demeure | 1 | 0 | JourdanFRD94 [452] |
| Emir Demirovic | 1 | 4 | DemirovicS18 [243] |
| Nathan Denny | 1 | 0 | ElhouraniDM07 [270] |
| Guido Diepen | 1 | 2 | AkkerDH07 [856] |
| Chris Ding | 1 | 0 | LiLZDZW24 [530] |
| Yann Disser | 1 | 0 | EmdeZD22 [274] |
| Minh Binh Do | 1 | 0 | DoRZ08 [253] |
| Mustafa K. Dogru | 1 | 8 | TerekhovDOB12 [821] |
| Alexandre Dolgui | 1 | 2 | NouriMHD23 [852] |
| Ulrich Domdorf | 1 | 0 | DomdorfPH03 [254] |
| Wolfgang Domschke | 1 | 344 | BlazewiczDP96 [173] |
| John Donovan | 1 | 3 | AwadMDMT22 [54] |

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| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Grégoire Dooms | 1 | 1 | DoomsH08 [255] |
| Agostino Dovier | 1 | 0 | TardivoDFMP23 [815] |
| John H. Drake | 1 | 41 | PourDERB18 [706] |
| John. H. Drake | 1 | 0 | GunerGSKD23 [371] |
| Denise Draper | 1 | 0 | DraperJCJ99 [261] |
| Frej Drejhammar | 1 | 21 | LozanoCDS12 [563] |
| Lei Duan | 1 | 2 | DilkinaDH05 [248] |
| Didier Dubois | 1 | 13 | FortinZDF05 [304] |
| Wout Dullaert | 1 | 20 | ZampelliVSDR13 [910] |
| Pierre Dupont | 1 | 0 | MonetteDD07 [614] |
| Anne-Marie Déplanche | 1 | 33 | CambazardHDJT04 [176] |
| Anne-Marie Déplanche | 1 | 36 | HladikCDJ08 [419] |
| Kelly Easton | 1 | 48 | EastonNT02 [262] |
| Klaus H. Ecker | 1 | 38 | BlazewiczEP19 [133] |
| Steven J. Edwards | 1 | 3 | EdwardsBSE19 [266] |
| Nikolaos Efthymiou | 1 | 0 | EfthymiouY23 [267] |
| Gokhan Egilmez | 1 | 43 | GedikKEK18 [326] |
| Péter Egri | 1 | 2 | KovacsEKV05 [494] |
| Lena Secher Ejlertsen | 1 | 41 | PourDERB18 [706] |
| Özgün Elçi | 1 | 2 | ElciOH22 [268] |
| M Elf | 1 | 41 | ElfJR03 [269] |
| Theodore Elhourani | 1 | 0 | ElhouraniDM07 [270] |
| Amr B. Eltawil | 1 | 1 | AbohashimaEG21 [4] |
| Simon Emde | 1 | 0 | EmdeZD22 [274] |
| Andreas Emeretlis | 1 | 4 | EmeretlisTAV17 [275] |
| Per Enqvist | 1 | 0 | FrimodigECM23 [311] |
| Andrew Eremin | 1 | 27 | EreminW01 [276] |
| Christoph Erkinger | 1 | 4 | ErkingerM17 [277] |
| Andreas Ernst | 1 | 37 | MeyerE04 [605] |
| M. Anton Ertl | 1 | 14 | ErtlK91 [278] |
| Teresa Escobet | 1 | 17 | EscobetPQPRA19 [279] |
| Ehsan Tarkesh Esfahani | 1 | 7 | YounespourAKE19 [902] |
| Megan Eskey | 1 | 0 | EskeyZ90 [280] |
| Joan Espasa | 1 | 3 | BofillEGPSV14 [144] |
| Marie-Laure Espinouse | 1 | 0 | BonninMNE24 [154] |
| Patrick Esquirol | 1 | 0 | EsquirolLH2008 [281] |
| Alireza Etminaniesfahani | 1 | 0 | EtminaniesfahaniGNMS22 [282] |
| Ramon Faganello Fachini | 1 | 25 | FachiniA20 [285] |
| François Fages | 1 | 0 | JourdanFRD94 [452] |
| Moreno Falaschi | 1 | 10 | FalaschiGMP97 [289] |
| Abdellah El Fallahi | 1 | 0 | FallahiAC20 [290] |
| Thibault Falque | 1 | 0 | FalqueALM24 [291] |
| Jason Fama | 1 | 0 | FukunagaHFAMN02 [316] |
| Huali Fan | 1 | 18 | FanXG21 [292] |
| Hélène Fargier | 1 | 13 | FortinZDF05 [304] |
| Soroush Fatemi-Anaraki | 1 | 7 | Fatemi-AnarakiTFV23 [294] |
| Mohammad M. Fazel-Zarandi | 1 | 38 | ZarandiB12 [295] |
| Ronen Feldman | 1 | 0 | FeldmanG89 [296] |
| Luiz Carlos Felizari | 1 | 7 | FelizariAL09 [297] |
| T. K. Feng | 1 | 43 | BeckFW11 [93] |
| Hamid Reza Feyzmahdavian | 1 | 2 | Astrand0F21 [51] |
| Ferdinando Fioretto | 1 | 0 | KotaryFH22 [490] |
| Pierre Flener | 1 | 0 | WessenCSFPM23 [887] |
| Filippo Focacci | 1 | 0 | FocacciLN00 [300] |
| Daniel Fontaine | 1 | 3 | FontaineMH16 [302] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Urs Fontana | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| M.A. Forbes | 1 | 0 | ForbesHJST24 [303] |
| Andrea Formisano | 1 | 0 | TardivoDFMP23 [815] |
| Jérôme Fortin | 1 | 13 | FortinZDF05 [304] |
| Mehdi Foumani | 1 | 7 | Fatemi-AnarakiTFV23 [294] |
| John W. Fowler | 1 | 21 | HamFC17 [380] |
| Jose M. Framinan | 1 | 0 | AbreuPNF23 [5] |
| P. Francois | 1 | 56 | WeilHFP95 [885] |
| David Friedlander | 1 | 0 | MurphyRFSS97 [624] |
| Aurélien Froger | 1 | 0 | Froger16 [313] |
| Nikolaus Frohner | 1 | 0 | FrohnerTR19 [314] |
| Markus P. J. Fromherz | 1 | 0 | GetoorOFC97 [337] |
| Daniel Frost | 1 | 10 | FrostD98 [315] |
| Melanie Frühstück | 1 | 3 | FriedrichFMRSST14 [310] |
| Jun Fu | 1 | 0 | LiFJZLL22 [531] |
| Alex S. Fukunaga | 1 | 0 | FukunagaHFAMN02 [316] |
| Kevin C. Furman | 1 | 48 | GoelSHFS15 [346] |
| Vincent Furnon | 1 | 34 | PerronSF04 [692] |
| Etienne Fux | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Yagmur S. Gök | 1 | 2 | GokGSTO20 [347] |
| Abdül K. Görür | 1 | 0 | GunerGSKD23 [371] |
| Funda Güner | 1 | 0 | GunerGSKD23 [371] |
| Mohamed Gaha | 1 | 0 | PopovicCGNC22 [705] |
| Philippe Galinier | 1 | 29 | BourdaisGP03 [161] |
| Cristian Galleguillos | 1 | 1 | GalleguillosKSB19 [317] |
| Xavier Gandibleux | 1 | 0 | RodriguezDG02 [739] |
| Graeme Gange | 1 | 6 | He0GLW18 [395] |
| Kaizhou Gao | 1 | 38 | MengGRZSC22 [597] |
| Thierry Garaix | 1 | 4 | BourreauGGLT22 [162] |
| Antoine Gargani | 1 | 17 | GarganiR07 [319] |
| Rafael M. Gasca | 1 | 7 | ValleMGT03 [854] |
| Serge Gaspers | 1 | 0 | ChuGNSW13 [204] |
| Etienne Gaudin | 1 | 13 | BenoistGR02 [124] |
| Jonathan Gaudreault | 1 | 2 | Mercier-AubinGQ20 [602] |
| Marc Geitz | 1 | 0 | GeitzGSSW22 [332] |
| Mirco Gelain | 1 | 1 | GelainPRVW17 [333] |
| Patrick Gerhards | 1 | 0 | HubnerGSV21 [440] |
| Grigori German | 1 | 0 | German18 [335] |
| Ulrich Geske | 1 | 2 | Geske05 [336] |
| Lise Getoor | 1 | 0 | GetoorOFC97 [337] |
| Najmeh Ghandehari | 1 | 4 | GhandehariK22 [338] |
| Shirin Ghasemi | 1 | 0 | GhasemiMH23 [339] |
| Mohamed S. Gheith | 1 | 1 | AbohashimaEG21 [4] |
| Katherine Giles | 1 | 2 | GilesH16 [340] |
| Jesús Giráldez-Cru | 1 | 0 | BofillCGGPSV23 [141] |
| Derrick Glass | 1 | 0 | YeGMH94 [900] |
| Al Globus | 1 | 0 | GlobusCLP04 [342] |
| Daniel Godard | 1 | 0 | GodardLN05 [343] |
| Vikas Goel | 1 | 48 | GoelSHFS15 [346] |
| Mark Goh | 1 | 18 | FanXG21 [292] |
| Maya B. Gokhale | 1 | 0 | WolinskiKG04 [896] |
| Hans-Joachim Goltz | 1 | 7 | Goltz95 [352] |
| Martin Charles Golumbic | 1 | 0 | FeldmanG89 [296] |
| Matthew C. Gombolay | 1 | 71 | GombolayWS18 [353] |
| Francisco Regis Abreu Gomes | 1 | 1 | GomesM17 [355] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Matthieu Gondran | 1 | 4 | BourreauGGLT22 [162] |
| Jing Gong | 1 | 14 | GongLMW09 [356] |
| Inés González-Rodríguez | 1 | 0 | AfsarVPG23 [12] |
| Dries Goossens | 1 | 2 | BulckG22 [855] |
| Michael F. Gorman | 1 | 0 | KanetAG04 [468] |
| Daisy Gossart | 1 | 0 | MeskensDHG11 [603] |
| Marcos Goycoolea | 1 | 0 | HillBCGN22 [417] |
| Mattias Grönkvist | 1 | 28 | Gronkvist06 [366] |
| Ignacio E. Grossman | 1 | 44 | HarjunkoskiJG00 [389] |
| Cristian Grozea | 1 | 0 | GeitzGSSW22 [332] |
| Flavius Gruian | 1 | 5 | GruianK98 [367] |
| Zailin Guan | 1 | 2 | ChenGPSH10 [203] |
| Serigne Gueye | 1 | 3 | Acuna-AgostMFG09 [9] |
| Ying Guo | 1 | 0 | ZhouGL15 [928] |
| Peng Guo | 1 | 8 | GuoHLW20 [372] |
| Penghui Guo | 1 | 0 | GuoZ23 [373] |
| Xiwang Guo | 1 | 40 | TanZWGQ19 [812] |
| Zhe Guo | 1 | 2 | LiuGT10 [544] |
| Oleg Yu. Gusikhin | 1 | 1 | BarlattCG08 [73] |
| Olivier Guyon | 1 | 32 | GuyonLPR12 [375] |
| Christelle Guéret | 1 | 43 | MalapertGR12 [581] |
| Fatma Gzara | 1 | 25 | BalochG20 [61] |
| Şeyda Gür | 1 | 19 | GurEA19 [934] |
| Yagmur S. Gök | 1 | 0 | GokPTGO23 [348] |
| Burak Gökgür | 1 | 31 | GokgurHO18 [349] |
| Seyda Gür | 1 | 1 | GurPAE23 [374] |
| Fehmi H'Mida | 1 | 11 | TrojetHL11 [847] |
| Nizar El Hachemi | 1 | 32 | HachemiGR11 [376] |
| Tarik Hadzic | 1 | 3 | SimonisH11 [794] |
| M.T. Hajian | 1 | 53 | RodosekWH99 [736] |
| Imen Hamdi | 1 | 2 | HamdiL13 [385] |
| Mahdi Hamid | 1 | 0 | GhasemiMH23 [339] |
| Ed Hamilton | 1 | 0 | FukunagaHFAMN02 [316] |
| Walter Hamscher | 1 | 0 | Hamscher91 [386] |
| Claire Hanen | 1 | 1 | HanenKP21 [387] |
| Sue Hanhilammi | 1 | 2 | KrogtLPHJ07 [858] |
| Arnauld Hanset | 1 | 0 | MeskensDHG11 [603] |
| Zdeněk Hanzálek | 1 | 2 | NouriMHD23 [852] |
| Mohamed Haouari | 1 | 3 | LahimerLH11 [516] |
| M.G. Harris | 1 | 0 | ForbesHJST24 [303] |
| Fazirulhisyam Hashim | 1 | 0 | AkramNHRSA23 [19] |
| Muhammad Hasseb | 1 | 2 | ChenGPSH10 [203] |
| Alain Haït | 1 | 76 | ArtiguesLH13 [47] |
| Shan He | 1 | 6 | He0GLW18 [395] |
| Xun He | 1 | 8 | GuoHLW20 [372] |
| Aliza R. Heching | 1 | 10 | HechingH16 [400] |
| Aliza Heching | 1 | 35 | HechingHK19 [399] |
| Ivan Heckman | 1 | 0 | HeckmanB11 [401] |
| Susanne Heipcke | 1 | 5 | HeipckeCCS00 [409] |
| Philip L. Henneman | 1 | 9 | ShinBBHO18 [782] |
| Fabien Hermenier | 1 | 28 | HermenierDL11 [415] |
| Florian A. Herzog | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| K. Heus | 1 | 56 | WeilHFP95 [885] |
| Gerhard Hiermann | 1 | 14 | RendlPHPR12 [729] |
| Hassan L. Hijazi | 1 | 2 | LimHTB16 [535] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Te-Wei Ho | 1 | 2 | HoYCLLCLC18 [420] |
| Wee-Kit Ho | 1 | 0 | LimAHO02a [533] |
| J. A. Hoogeveen | 1 | 2 | AkkerDH07 [856] |
| Markó Horváth | 1 | 5 | NattafHKAL19 [644] |
| John Hou | 1 | 1 | DavenportKRSH07 [230] |
| Guoyu Huang | 1 | 1 | CohenHB17 [216] |
| Peter M. Hubbard | 1 | 56 | SmithBHW96 [795] |
| John G. Hughes | 1 | 0 | YeGMH94 [900] |
| Luke Hunsberger | 1 | 0 | Hunsberger08 [441] |
| Toän Phan Huy | 1 | 0 | DomdorfPH03 [254] |
| Eui Jun Hwang | 1 | 0 | LeeKLKKYHP97 [523] |
| Sang-Ho Hyun | 1 | 0 | JoLLH99 [451] |
| Felix Hübner | 1 | 0 | HubnerGSV21 [440] |
| Flavius Galiber III | 1 | 26 | PembertonG98 [686] |
| Michael Iatauro | 1 | 3 | ReddyFIBKAJ11 [726] |
| Zangir Iklassov | 1 | 0 | IklassovMR023 [444] |
| Eyüp Ensar Isik | 1 | 0 | IsikYA23 [445] |
| S. M. Riazul Islam | 1 | 0 | NaqviAIAAA22 [638] |
| Amar Isli | 1 | 3 | BelhadjiI98 [113] |
| A.S. Jain | 1 | 490 | JainM99 [447] |
| Dietmar Jannach | 1 | 0 | KusterJF07 [506] |
| H.M. Jansen | 1 | 0 | ForbesHJST24 [303] |
| Jean Jaubert | 1 | 0 | PraletLJ15 [709] |
| Jan Jelínek | 1 | 0 | JelinekB16 [450] |
| Keith Jewers | 1 | 0 | RoweJCA96 [747] |
| Yingjun Ji | 1 | 0 | ZhangJZL22 [920] |
| Zixi Jia | 1 | 0 | LiFJZLL22 [531] |
| Yunfei Jiang | 1 | 0 | LiuJ06 [547] |
| Yue Jin | 1 | 2 | KrogtLPHJ07 [858] |
| GeunSik Jo | 1 | 0 | JoLLH99 [451] |
| Marc Joliveau | 1 | 5 | ChapadosJR11 [202] |
| Peter Jonsson | 1 | 1 | AngelsmarkJ00 [28] |
| David Joslin | 1 | 0 | DraperJCJ99 [261] |
| A. Jouglet | 1 | 6 | CarlierPSJ20 [187] |
| Jean Jourdan | 1 | 0 | JourdanFRD94 [452] |
| Nicolas Jozefowiez | 1 | 9 | HebrardHJMPV16 [397] |
| Jae-Yoon Jung | 1 | 1 | ParkUJR19 [685] |
| Pascal Jungblut | 1 | 0 | JungblutK22 [453] |
| Ulrich Junker | 1 | 0 | Junker00 [454] |
| M Jünger | 1 | 41 | ElfJR03 [269] |
| Jayant Kalagnanam | 1 | 1 | DavenportKRSH07 [230] |
| Darshan Kalathia | 1 | 43 | GedikKEK18 [326] |
| Annaka Kalton | 1 | 1 | LudwigKRBMS14 [566] |
| Olli Kamarainen | 1 | 9 | KamarainenS02 [460] |
| Amr A. Kandil | 1 | 24 | TangLWSK18 [814] |
| Levent Kandiller | 1 | 0 | GunerGSKD23 [371] |
| Kazuya Kaneko | 1 | 0 | YoshikawaKNW94 [901] |
| John J. Kanet | 1 | 0 | KanetAG04 [468] |
| Thomas Kasper | 1 | 79 | BockmayrK98 [139] |
| Philip Kay | 1 | 11 | SimonisCK00 [792] |
| Elena Kelareva | 1 | 16 | KelarevaTK13 [469] |
| Jan Kelbel | 1 | 12 | KelbelH11 [470] |
| Graham Kendall | 1 | 181 | KendallKRU10 [471] |
| Naiping Keng | 1 | 0 | KengY89 [472] |
| Abdullah Ayub Khan | 1 | 0 | ShaikhK23 [779] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Ghada El Khayat | 1 | 84 | KhayatLR06 [474] |
| Mohand Ou Idir Khemmoudj | 1 | 8 | KhemmoudjPB06 [475] |
| H. Khorshidian | 1 | 28 | ZarandiKS16 [911] |
| Philip Kilby | 1 | 16 | KelarevaTK13 [469] |
| Dongyun Kim | 1 | 0 | KimCMLLP23 [476] |
| H. J. Kim | 1 | 12 | SureshMOK06 [806] |
| Kyung Min Kim | 1 | 6 | HamPK21 [382] |
| Hak-Jin Kim | 1 | 30 | HookerOTK00 [435] |
| Hyun Woo Kim | 1 | 0 | LeeKLKKYHP97 [523] |
| Tae Hwan Kim | 1 | 0 | LeeKLKKYHP97 [523] |
| Chang Gon Kim | 1 | 0 | LeeKLKKYHP97 [523] |
| Ryo Kimura | 1 | 35 | HechingHK19 [399] |
| Alan Kinsella | 1 | 1 | KinsellaS0OS16 [477] |
| Zeynep Kiziltan | 1 | 1 | GalleguillosKSB19 [317] |
| Christian Klanke | 1 | 3 | KlankeBYE21 [479] |
| Thorsten Koch | 1 | 80 | AchterbergBKW08 [8] |
| Jana Koehler | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Wolfgang Kohlenbrein | 1 | 0 | KovacsTKSG21 [498] |
| Rainer Kolisch | 1 | 4 | PohlAK22 [702] |
| E. Konowalenko | 1 | 0 | KonowalenkoMM19 [486] |
| Alix Munier Kordon | 1 | 1 | HanenKP21 [387] |
| Sebastian Kosch | 1 | 4 | KoschB14 [489] |
| James Kotary | 1 | 0 | KotaryFH22 [490] |
| Benjamin Kovács | 1 | 0 | KovacsTKSG21 [498] |
| L. V. Kragelund | 1 | 0 | StidsenKM96 [799] |
| Matthias Krainz | 1 | 0 | GeibingerKKMMW21 [328] |
| Andreas Krall | 1 | 14 | ErtlK91 [278] |
| Dieter Kranzlmüller | 1 | 0 | JungblutK22 [453] |
| Dominik Kress | 1 | 17 | MullerMKP22 [622] |
| Roman van der Krogt | 1 | 2 | KrogtLPHJ07 [858] |
| T. K. Satish Kumar | 1 | 4 | Kumar03 [505] |
| Jürgen Kuster | 1 | 0 | KusterJF07 [506] |
| Mustafa Küçük | 1 | 2 | KucukY19 [507] |
| András Kéri | 1 | 1 | KeriK07 [473] |
| Hoang Trung La | 1 | 1 | BriandHHL08 [165] |
| Philippe Lacomme | 1 | 4 | BourreauGGLT22 [162] |
| Daniel Lafond | 1 | 0 | BoudreaultSLQ22 [160] |
| Anne-Marie Lagrange | 1 | 0 | CatusseCBL16 [193] |
| Asma Lahimer | 1 | 3 | LahimerLH11 [516] |
| Feipei Lai | 1 | 2 | HoYCLLCLC18 [420] |
| Jui-Fen Lai | 1 | 2 | HoYCLLCLC18 [420] |
| Leonardo Lamorgese | 1 | 27 | RiiseML16 [732] |
| Colin J. Layfield | 1 | 0 | Layfield02 [522] |
| Alexander Lazarev | 1 | 12 | ArkhipovBL19 [37] |
| Myungho Lee | 1 | 0 | KimCMLLP23 [476] |
| Kangbok Lee | 1 | 0 | KimCMLLP23 [476] |
| Earl E. Lee | 1 | 14 | GongLMW09 [356] |
| Kyoung Jun Lee | 1 | 0 | LeeKLKKYHP97 [523] |
| Jae Kyu Lee | 1 | 0 | LeeKLKKYHP97 [523] |
| Kang-Hee Lee | 1 | 0 | JoLLH99 [451] |
| Hwi-Yoon Lee | 1 | 0 | JoLLH99 [451] |
| Solange Lemai-Chenevier | 1 | 0 | PraletLJ15 [709] |
| Alexandre Duarte de Almeida Lemos | 1 | 0 | Lemos21 [524] |
| Olivier Lhomme | 1 | 88 | JussienL02 [455] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Xingyang Li | 1 | 0 | LiFJZLL22 [531] |
| Siyi Li | 1 | 0 | LiFJZLL22 [531] |
| Xiaodong Li | 1 | 0 | abs-2211-14492 [804] |
| Guipeng Li | 1 | 0 | ZhouGL15 [928] |
| Hong Li | 1 | 4 | SunLYL10 [805] |
| Nan Li | 1 | 4 | SunLYL10 [805] |
| Yunbo Li | 1 | 1 | Madi-WambaLOBM17 [574] |
| Heyse Li | 1 | 8 | TranPZLDB18 [839] |
| Yi Li | 1 | 0 | LuoVLBM16 [569] |
| Haitao Li | 1 | 113 | LiW08 [529] |
| Junqing Li | 1 | 5 | MengLZB21 [598] |
| Longkang Li | 1 | 0 | LiLZDZW24 [530] |
| Xueping Li | 1 | 40 | ZhaoL14 [925] |
| Zixiang Li | 1 | 5 | CilKLO22 [208] |
| Siyuan Liang | 1 | 0 | LiLZDZW24 [530] |
| Arnauld Lianset | 1 | 102 | MeskensDL13 [604] |
| Wan-Chung Liao | 1 | 2 | HoYCLLCLC18 [420] |
| Ariel Liebman | 1 | 6 | He0GLW18 [395] |
| Olivier Liess | 1 | 22 | LiessM08 [532] |
| Tong Liu | 1 | 0 | LiuCGM17 [546] |
| Lingxuan Liu | 1 | 12 | QinWSLS21 [716] |
| Rengkui Liu | 1 | 24 | TangLWSK18 [814] |
| Yuechang Liu | 1 | 0 | LiuJ06 [547] |
| Shi-Xin Liu | 1 | 2 | LiuGT10 [544] |
| Shu-Shun Liu | 1 | 57 | LiuW11 [545] |
| Hendrik C. R. Lock | 1 | 0 | BreitingerL95 [164] |
| Doina Logofatu | 1 | 2 | BadicaBIL19 [56] |
| Jason D. Lohn | 1 | 0 | GlobusCLP04 [342] |
| Thomas Lorigeon | 1 | 22 | LorigeonBB02 [561] |
| Wing-Yue Geoffrey Louie | 1 | 16 | LouieVNB14 [562] |
| Taicir Loukil | 1 | 2 | HamdiL13 [385] |
| Roberto Castañeda Lozano | 1 | 21 | LozanoCDS12 [563] |
| Chao Lu | 1 | 5 | MengLZB21 [598] |
| Xuan Lu | 1 | 0 | LuZZYW24 [564] |
| Dandan Lu | 1 | 5 | PengLC14 [687] |
| Yulin Luan | 1 | 8 | GuoHLW20 [372] |
| Jeremy Ludwig | 1 | 1 | LudwigKRBMS14 [566] |
| Ricardo Lueders | 1 | 7 | FelizariAL09 [297] |
| Willian Tessaro Lunardi | 1 | 0 | Lunardi20 [568] |
| Willian T. Lunardi | 1 | 30 | LunardiBLRV20 [567] |
| Yiqing L. Luo | 1 | 0 | LuoB22 [570] |
| Roy Luo | 1 | 0 | LuoVLBM16 [569] |
| Arnaud Lusson | 1 | 0 | HebrardALLCMR22 [396] |
| Zhimin Lv | 1 | 1 | ZhangLS12 [924] |
| Kong Wei Lye | 1 | 0 | LauLN08 [520] |
| Sven Löffler | 1 | 1 | LiuLH19 [543] |
| Marco E. Lübbecke | 1 | 28 | BertholdHLMS10 [126] |
| Tobias Müller | 1 | 44 | HenzMT04 [414] |
| Jun Ma | 1 | 1 | MakMS10 [577] |
| Russell Macpherson | 1 | 3 | AwadMDMT22 [54] |
| L. Magatao | 1 | 0 | KonowalenkoMM19 [486] |
| Luis Magatao | 1 | 7 | MagataoAN05 [575] |
| Kai-Ling Mak | 1 | 1 | MakMS10 [577] |
| Neda Manavizadeh | 1 | 4 | RabbaniMM21 [721] |
| V. Mani | 1 | 12 | SureshMOK06 [806] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Carlo Mannino | 1 | 27 | RiiseML16 [732] |
| Marco Mantovani | 1 | 12 | BeniniLMMR08 [121] |
| Oscar Manzano | 1 | 1 | MurphyMB15 [625] |
| Fernando J. M. Marcellino | 1 | 0 | SerraNM12 [778] |
| Michael M. Marefat | 1 | 0 | ElhouraniDM07 [270] |
| Craig Markusic | 1 | 1 | LudwigKRBMS14 [566] |
| Grégory Marlière | 1 | 1 | MarliereSPR23 [587] |
| Kim Marriott | 1 | 10 | FalaschiGMP97 [289] |
| Fae Martin | 1 | 11 | MartinPY01 [589] |
| João P. Martins | 1 | 0 | MorgadoM97 [618] |
| Karim Pérez Martínez | 1 | 1 | MartnezAJ22 [590] |
| Andrew J. Mason | 1 | 5 | Mason01 [591] |
| Ofer Matan | 1 | 0 | FukunagaHFAMN02 [316] |
| O. Mateescu | 1 | 0 | StidsenKM96 [799] |
| Geraldo Robson Mateus | 1 | 1 | GomesM17 [355] |
| Mihhail Matskin | 1 | 0 | WessenCSFPM23 [887] |
| Bertrand Mazure | 1 | 0 | FalqueALM24 [291] |
| Sheila A. McIlraith | 1 | 0 | LuoVLBM16 [569] |
| Jim McInnes | 1 | 15 | MalikMB08 [584] |
| Michael F. McTear | 1 | 0 | YeGMH94 [900] |
| Dmitrii Medvedev | 1 | 0 | IklassovMR023 [444] |
| S. Meeran | 1 | 490 | JainM99 [447] |
| Zahra Mehdizadeh-Somarin | 1 | 0 | Mehdizadeh-Somarin23 [592] |
| W. Meira | 1 | 0 | KonowalenkoMM19 [486] |
| Sebastian Meiswinkel | 1 | 0 | WinterMMW22 [889] |
| Gonzalo Mejía | 1 | 6 | YuraszeckMPV22 [907] |
| Hein Meling | 1 | 6 | MossigeGSMC17 [619] |
| Julien Menana | 1 | 0 | Menana11 [594] |
| Jean-Marc Menaud | 1 | 1 | Madi-WambaLOBM17 [574] |
| Carole Mercier | 1 | 0 | FrimodigECM23 [311] |
| Alexandre Mercier-Aubin | 1 | 2 | Mercier-AubinGQ20 [602] |
| Vera Mersheeva | 1 | 3 | FriedrichFMRSST14 [310] |
| John E. Mitchell | 1 | 14 | GongLMW09 [356] |
| Gautam Mitra | 1 | 28 | Darby-DowmanLMZ97 [228] |
| Shinji Mizuno | 1 | 3 | ZengM12 [919] |
| João Vitor Moccellin | 1 | 5 | AbreuAPNM21 [232] |
| Pragnesh Jay Modi | 1 | 0 | SultanikMR07 [802] |
| Michael D. Moffitt | 1 | 0 | MoffittPP05 [612] |
| Elizabeth Montero | 1 | 0 | YuraszeckMCCR23 [908] |
| Kyungduk Moon | 1 | 0 | KimCMLLP23 [476] |
| Ernesto M. Morgado | 1 | 0 | MorgadoM97 [618] |
| Morten Mossige | 1 | 6 | MossigeGSMC17 [619] |
| Aziz Moukrim | 1 | 64 | ClautiauxJCM08 [211] |
| Konrad Mulrennan | 1 | 3 | AwadMDMT22 [54] |
| Seán Óg Murphy | 1 | 1 | MurphyMB15 [625] |
| Kathleen Murphy | 1 | 0 | MurphyRFSS97 [624] |
| Seshashayee S. Murthy | 1 | 0 | MurthyRAW97 [626] |
| Stanislav Murín | 1 | 2 | MurinR19 [623] |
| Rolf H. Möhring | 1 | 28 | BertholdHLMS10 [126] |
| David Müller | 1 | 17 | MullerMKP22 [622] |
| Marcus Gerhard Müller | 1 | 17 | MullerMKP22 [622] |
| András Márkus | 1 | 2 | VanczaM01 [860] |
| Antonio A. Márquez | 1 | 7 | ValleMGT03 [854] |
| Marc-André Ménard | 1 | 1 | BessiereHMQW14 [127] |
| Carlos Méndez | 1 | 381 | HarjunkoskiMBC14 [390] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Leila Moslemi Naeni | 1 | 0 | EtminaniesfahaniGNMS22 [282] |
| Syed Rameez Naqvi | 1 | 0 | NaqviAIAAA22 [638] |
| Nina Narodytska | 1 | 0 | ChuGNSW13 [204] |
| George L. Nemhauser | 1 | 48 | EastonNT02 [262] |
| F Neves-Jr | 1 | 7 | MagataoAN05 [575] |
| Alexandra Newman | 1 | 0 | HillBCGN22 [417] |
| M. A. Hakim Newton | 1 | 4 | RiahiNS018 [730] |
| Franklin Nguewouo | 1 | 0 | PopovicCGNC22 [705] |
| Viet Bang Nguyen | 1 | 0 | LauLN08 [520] |
| Gilberto Nishioka | 1 | 0 | SerraNM12 [778] |
| Yuriko Nomura | 1 | 0 | YoshikawaKNW94 [901] |
| Nor Kamariah Noordin | 1 | 0 | AkramNHRSA23 [19] |
| Thierry Noulamo | 1 | 0 | KameugneFND23 [464] |
| Illah R. Nourbakhsh | 1 | 0 | FukunagaHFAMN02 [316] |
| Franco M. Novara | 1 | 18 | NovaraNH16 [651] |
| W. P. M. Nuijten | 1 | 0 | NuijtenA94a [656] |
| Jari Nurmi | 1 | 2 | QuSN06 [719] |
| Emmanuel Néron | 1 | 3 | NeronABCDD06 [660] |
| Olga Ohrimenko | 1 | 127 | OhrimenkoSC09 [666] |
| Hiroyuki Okano | 1 | 19 | OkanoDTRYA04 [667] |
| S. N. Omkar | 1 | 12 | SureshMOK06 [806] |
| Wee-Chong Oon | 1 | 0 | LimAHO02a [533] |
| Anne-Cécile Orgerie | 1 | 1 | Madi-WambaLOBM17 [574] |
| M.A. Osorio | 1 | 92 | HookerO99 [433] |
| Leon J. Osterweil | 1 | 9 | ShinBBHO18 [782] |
| Pierre Ouellet | 1 | 12 | OuelletQ13 [670] |
| Soukaina Oujana | 1 | 1 | OujanaAYB22 [673] |
| Adriana Pacheco | 1 | 1 | PachecoPR19 [678] |
| Dario Pacino | 1 | 0 | PacinoH11 [679] |
| Meghana Padmanabhan | 1 | 8 | TranPZLDB18 [839] |
| Silvia Padrón | 1 | 0 | GokPTGO23 [348] |
| Juan José Palacios | 1 | 0 | AfsarVPG23 [12] |
| Miquel Palahí | 1 | 3 | BofillEGPSV14 [144] |
| Catuscia Palamidessi | 1 | 10 | FalaschiGMP97 [289] |
| Pere Palà-Schönwälder | 1 | 17 | EscobetPQPRA19 [279] |
| Vaibhav Pandey | 1 | 3 | PandeyS21a [680] |
| Lazaros G. Papageorgiou | 1 | 48 | RoePS05 [741] |
| Hoonseok Park | 1 | 1 | ParkUJR19 [685] |
| Hyun Jeong Park | 1 | 0 | LeeKLKKYHP97 [523] |
| Erica Pastore | 1 | 0 | AlfieriGPS23 [25] |
| Federico Pecora | 1 | 0 | WessenCSFPM23 [887] |
| Theo Pedersen | 1 | 1 | HanenKP21 [387] |
| Bart Peintner | 1 | 0 | MoffittPP05 [612] |
| Paola Pellegrini | 1 | 1 | MarliereSPR23 [587] |
| Joseph C. Pemberton | 1 | 26 | PembertonG98 [686] |
| Louise Penz | 1 | 0 | PenzDN23 [688] |
| Bernard Penz | 1 | 0 | CatusseCBL16 [193] |
| Jordi Pereira | 1 | 6 | YuraszeckMPV22 [907] |
| P. Pesin | 1 | 7 | TrentesauxPT01 [844] |
| Toàn Phan-Huy | 1 | 47 | Dorndorf2000 [258] |
| Michael L. Pinedo | 1 | 0 | KimCMLLP23 [476] |
| Maria Silvia Pini | 1 | 1 | GelainPRVW17 [333] |
| Arthur Pinkney | 1 | 11 | MartinPY01 [589] |
| Jose M. Pinto | 1 | 56 | PintoG97 [699] |
| Nicolai Pisaruk | 1 | 12 | BockmayrP06 [140] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| David Pisinger | 1 | 2 | SacramentoSP20 [751] |
| Maximilian Pohl | 1 | 4 | PohlAK22 [702] |
| Martha E. Pollack | 1 | 0 | MoffittPP05 [612] |
| Oliver Polo-Mejía | 1 | 8 | Polo-MejiaALB20 [704] |
| Paul Pop | 1 | 0 | BarzegaranZP20 [84] |
| Louis Popovic | 1 | 0 | PopovicCGNC22 [705] |
| Marc Porcheron | 1 | 8 | KhemmoudjPB06 [475] |
| Jean-Yves Potvin | 1 | 26 | PesantGPR99 [693] |
| M. Poujade | 1 | 56 | WeilHFP95 [885] |
| Marc Pouly | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Shahrzad M. Pour | 1 | 41 | PourDERB18 [706] |
| Guillaume Povéda | 1 | 0 | PovedaAA23 [707] |
| Matthias Prandtstetter | 1 | 14 | RendlPHPR12 [729] |
| Steven D. Prestwich | 1 | 6 | RossiTHP07 [746] |
| Anna Pryor | 1 | 0 | GlobusCLP04 [342] |
| Jakob Puchinger | 1 | 14 | RendlPHPR12 [729] |
| Jean-Francois Puget | 1 | 6 | Puget95 [713] |
| Vicenç Puig | 1 | 17 | EscobetPQPRA19 [279] |
| Kenneth Pulliam | 1 | 2 | KrogtLPHJ07 [858] |
| Liang Qi | 1 | 40 | TanZWGQ19 [812] |
| Ming Qin | 1 | 12 | QinWSLS21 [716] |
| Yang Qu | 1 | 2 | QuSN06 [719] |
| Yuchen Quan | 1 | 2 | ShiYXQ22 [781] |
| Joseba Quevedo | 1 | 17 | EscobetPQPRA19 [279] |
| Alain Quilliot | 1 | 0 | ArtiguesHQT21 [45] |
| Birger Raa | 1 | 20 | ZampelliVSDR13 [910] |
| Masoud Rabbani | 1 | 4 | RabbaniMM21 [721] |
| Gregg R. Rabideau | 1 | 0 | HebrardALLCMR22 [396] |
| John Rachlin | 1 | 0 | MurthyRAW97 [626] |
| Chase Rainwater | 1 | 20 | GedikKBR17 [327] |
| Elizabeth Ralston | 1 | 0 | MurphyRFSS97 [624] |
| Mohd Fadlee A. Rasid | 1 | 0 | AkramNHRSA23 [19] |
| Kourosh Marjani Rasmussen | 1 | 41 | PourDERB18 [706] |
| Tal Raviv | 1 | 66 | BukchinR18 [171] |
| Sudhakar Y. Reddy | 1 | 3 | ReddyFIBKAJ11 [726] |
| William C. Regli | 1 | 0 | SultanikMR07 [802] |
| Huizhi Ren | 1 | 2 | RenT09 [728] |
| Andrea Rendl | 1 | 14 | RendlPHPR12 [729] |
| Ruben Solozabal Ochoa de Retana | 1 | 0 | IklassovMR023 [444] |
| Vahid Riahi | 1 | 4 | RiahiNS018 [730] |
| Tom Richards | 1 | 0 | SakkoutRW98 [755] |
| Robert Richards | 1 | 1 | LudwigKRBMS14 [566] |
| Sonia Sobieraj Richard | 1 | 1 | MarliereSPR23 [587] |
| Atle Riise | 1 | 27 | RiiseML16 [732] |
| G Rinaldi | 1 | 41 | ElfJR03 [269] |
| Diane Riopel | 1 | 84 | KhayatLR06 [474] |
| Jean-François Rit | 1 | 0 | Rit86 [733] |
| Gregory Rix | 1 | 1 | PesantRR15 [694] |
| Brian Rodrigues | 1 | 5 | LimRX04 [534] |
| Benjamin Roe | 1 | 48 | RoePS05 [741] |
| Jerome Rogerie | 1 | 148 | LaborieRSV18 [512] |
| Jérôme Rogerie | 1 | 17 | LaborieR14 [513] |
| Mohammad Rohaninejad | 1 | 0 | Mehdizadeh-Somarin23 [592] |
| Maximiliano Rojel | 1 | 0 | YuraszeckMCCR23 [908] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Juli Romera | 1 | 17 | EscobetPQPRA19 [279] |
| Débora P. Ronconi | 1 | 30 | LunardiBLRV20 [567] |
| Roberto Rossi | 1 | 6 | RossiTHP07 [746] |
| Benoît Rottembourg | 1 | 13 | BenoistGR02 [124] |
| François Roubellat | 1 | 84 | ArtiguesR00 [48] |
| Jean-Marc Rousseau | 1 | 26 | PesantGPR99 [693] |
| John Rowe | 1 | 0 | RoweJCA96 [747] |
| Didier Rozzonelli | 1 | 0 | JourdanFRD94 [452] |
| Pascal Rubini | 1 | 0 | CatusseCBL16 [193] |
| Hana Rudová | 1 | 2 | MurinR19 [623] |
| Rubén Ruiz | 1 | 2 | NaderiRR23 [637] |
| Wheeler Ruml | 1 | 0 | DoRZ08 [253] |
| Martin Ruskowski | 1 | 1 | ParkUJR19 [685] |
| Robert A. Russell | 1 | 22 | RussellU06 [749] |
| Anna Ryabokon | 1 | 3 | FriedrichFMRSST14 [310] |
| Jean-Charles Régin | 1 | 28 | Rgin2001 [750] |
| David Sacramento | 1 | 2 | SacramentoSP20 [751] |
| Shahram Saeidi | 1 | 1 | AlizdehS20 [26] |
| Abderrahim Sahli | 1 | 3 | CarlierSJP21 [188] |
| A. Sahli | 1 | 6 | CarlierPSJ20 [187] |
| Poonam Saini | 1 | 3 | PandeyS21a [680] |
| Fabio Salassa | 1 | 0 | AlfieriGPS23 [25] |
| Amir Salehipour | 1 | 0 | EtminaniesfahaniGNMS22 [282] |
| Sophia Saller | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Mustafa Ismael Salman | 1 | 0 | AkramNHRSA23 [19] |
| Latif Salum | 1 | 31 | TopalogluSS12 [832] |
| Anastasia Salyaeva | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Guido Sand | 1 | 381 | HarjunkoskiMBC14 [390] |
| Maria Sander | 1 | 3 | FriedrichFMRSST14 [310] |
| Eric Sanlaville | 1 | 7 | PoderBS04 [701] |
| Andrew E. Santosa | 1 | 0 | ZhuS02 [929] |
| Óscar Sapena | 1 | 22 | GarridoOS08 [321] |
| Abdul Sattar | 1 | 4 | RiahiNS018 [730] |
| Benhür Satır | 1 | 0 | GunerGSKD23 [371] |
| Rowan Van Schaeren | 1 | 20 | ZampelliVSDR13 [910] |
| Peter Scheiblechner | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| Klaus Schild | 1 | 23 | SchildW00 [762] |
| Thomas Schlechte | 1 | 10 | HeinzSSW12 [404] |
| Thorsten Schmidt | 1 | 1 | BenderWS21 [114] |
| Günter Schmidt | 1 | 38 | BlazewiczEP19 [133] |
| Philipp Schrott-Kostwein | 1 | 0 | KovacsTKSG21 [498] |
| J. Schumacher | 1 | 1 | LudwigKRBMS14 [566] |
| Uwe Schwiegelshohn | 1 | 4 | LimtanyakulS12 [539] |
| Evgeny Selensky | 1 | 0 | BeckPS03 [98] |
| Arik Senderovich | 1 | 0 | SenderovichBB19 [777] |
| Thiago Serra | 1 | 0 | SerraNM12 [778] |
| Julie A. Shah | 1 | 71 | GombolayWS18 [353] |
| Nilay Shah | 1 | 48 | RoePS05 [741] |
| Aftab Ahmed Shaikh | 1 | 0 | ShaikhK23 [779] |
| Yufen Shao | 1 | 48 | GoelSHFS15 [346] |
| Xinyu Shao | 1 | 2 | ChenGPSH10 [203] |
| Ganquan Shi | 1 | 2 | ShiYXQ22 [781] |
| Zhongshun Shi | 1 | 12 | QinWSLS21 [716] |
| Leyuan Shi | 1 | 12 | QinWSLS21 [716] |
| Seung Yeob Shin | 1 | 9 | ShinBBHO18 [782] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Toramatsu Shintani | 1 | 0 | TsurutaS00 [849] |
| Mohsen Akbarpour Shirazi | 1 | 28 | ZarandiKS16 [911] |
| Stuart Siegel | 1 | 1 | DavenportKRSH07 [230] |
| Vanessa Simard | 1 | 0 | BoudreaultSLQ22 [160] |
| Pawel Sitek | 1 | 0 | WikarekS19 [888] |
| M. Slusky | 1 | 48 | GoelSHFS15 [346] |
| Alan F. Smeaton | 1 | 1 | KinsellaS0OS16 [477] |
| Vivian De Smedt | 1 | 7 | GaySS14 [325] |
| Barbara M. Smith | 1 | 56 | SmithBHW96 [795] |
| Kate Smith-Miles | 1 | 3 | EdwardsBSE19 [266] |
| Sonia Sobieraj | 1 | 0 | RodriguezS09 [740] |
| Juha-Pekka Soininen | 1 | 2 | QuSN06 [719] |
| Junbo Son | 1 | 1 | ZhuSZW23 [930] |
| Xiaoqing Song | 1 | 1 | ZhangLS12 [924] |
| Shahabeddin Sotudian | 1 | 55 | ZarandiASC20 [912] |
| Francis Sourd | 1 | 7 | SourdN00 [797] |
| Cid Carvalho de Souza | 1 | 31 | LopesCSM10 [559] |
| Helge Spieker | 1 | 6 | MossigeGSMC17 [619] |
| Samuel Squillaci | 1 | 0 | SquillaciPR23 [798] |
| Andreas Starzacher | 1 | 3 | FriedrichFMRSST14 [310] |
| Sergio L. Stebel | 1 | 7 | FelizariAL09 [297] |
| Paul Steege | 1 | 0 | MurphyRFSS97 [624] |
| Wolfgang Steigerwald | 1 | 0 | GeitzGSSW22 [332] |
| Rüdiger Stephan | 1 | 10 | HeinzSSW12 [404] |
| Malgorzata Sterna | 1 | 38 | BlazewiczEP19 [133] |
| Thomas R. Stidsen | 1 | 0 | StidsenKM96 [799] |
| Gary Strohm | 1 | 0 | FoxAS82 [305] |
| Robin Stöhr | 1 | 0 | GeitzGSSW22 [332] |
| Christian Stürck | 1 | 0 | HubnerGSV21 [440] |
| Kaile Su | 1 | 4 | RiahiNS018 [730] |
| Wei Su | 1 | 1 | MakMS10 [577] |
| Ling-Huey Su | 1 | 2 | SuCC13 [800] |
| Kemal Subulan | 1 | 5 | SubulanC22 [801] |
| Premysl Sucha | 1 | 2 | BenediktSMVH18 [117] |
| Ted Yiu Tat Suen | 1 | 3 | ChunS14 [207] |
| Ipek Sugut | 1 | 0 | OrnekOS20 [669] |
| Evan Sultanik | 1 | 0 | SultanikMR07 [802] |
| Quanxin Sun | 1 | 24 | TangLWSK18 [814] |
| Zheng Sun | 1 | 4 | SunLYL10 [805] |
| Defeng Sun | 1 | 31 | SunTB19 [803] |
| Suresh Sundaram | 1 | 12 | SureshMOK06 [806] |
| Aliye Ayca Supciller | 1 | 31 | TopaloglusS12 [832] |
| Pavel Surynek | 1 | 2 | BartakCS10 [77] |
| Jirí Svancara | 1 | 0 | SvancaraB22 [807] |
| Rodney Swab | 1 | 0 | MurphyRFSS97 [624] |
| Ria Szeredi | 1 | 9 | SzerediS16 [808] |
| Alina Sîrbu | 1 | 1 | GalleguillosKSB19 [317] |
| C. Tahon | 1 | 7 | TrentesauxPT01 [844] |
| T. Taimre | 1 | 0 | ForbesHJST24 [303] |
| Martin Takác | 1 | 0 | IklassovMR023 [444] |
| Yingcong Tan | 1 | 1 | TanT18 [810] |
| Tanya Y. Tang | 1 | 6 | TangB20 [813] |
| Siyu Tang | 1 | 7 | VlkHT21 [873] |
| Yuanjie Tang | 1 | 24 | TangLWSK18 [814] |
| Jia-Fu Tang | 1 | 2 | LiuGT10 [544] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Fabio Tardivo | 1 | 0 | TardivoDFMP23 [815] |
| Armagan Tarim | 1 | 6 | RossiTHP07 [746] |
| David B. H. Tay | 1 | 0 | Tay92 [819] |
| Fatima Benbouzid-Si Tayeb | 1 | 0 | TouatBT22 [834] |
| Nikolay Tchernev | 1 | 4 | BourreauGGLT22 [162] |
| Erich C. Teppan | 1 | 3 | ColT22 [224] |
| Paolo Terenziani | 1 | 1 | BrusoniCLMMT96 [170] |
| Ulrich A. W. Tetzlaff | 1 | 22 | PeschT96 [695] |
| Stephan Teuschl | 1 | 0 | FrohnerTR19 [314] |
| George Theodoridis | 1 | 4 | EmeretlisTAV17 [275] |
| Sven Thiel | 1 | 44 | HenzMT04 [414] |
| Erlender S. Thorsteinsson | 1 | 30 | HookerOTK00 [435] |
| Jordan Ticktin | 1 | 0 | HillTV21 [418] |
| Kevin Tierney | 1 | 16 | KelarevaTK13 [469] |
| Christian Timpe | 1 | 42 | Timpe02 [829] |
| Mary Tom | 1 | 0 | Tom19 [830] |
| S. Ali Torabi | 1 | 5 | FarsiTM22 [293] |
| David Tormey | 1 | 3 | AwadMDMT22 [54] |
| Miguel Toro | 1 | 7 | ValleMGT03 [854] |
| Philippe Torres | 1 | 26 | TorresL00 [833] |
| Meriem Touat | 1 | 0 | TouatBT22 [834] |
| Touraïvane | 1 | 2 | Touraivane95 [835] |
| Hélène Toussaint | 1 | 0 | ArtiguesHQT21 [45] |
| D. Trentesaux | 1 | 7 | TrentesauxPT01 [844] |
| Yvon Trinquet | 1 | 33 | CambazardHDJT04 [176] |
| Mariem Trojet | 1 | 11 | TrojetHL11 [847] |
| Mark Trumbo | 1 | 19 | OkanoDTRYA04 [667] |
| Edward P. K. Tsang | 1 | 1 | Tsang03 [848] |
| Francis Ming Fai Tsang | 1 | 0 | ChunCTY99 [206] |
| Takuo Tsuruta | 1 | 0 | TsurutaS00 [849] |
| Paul Tyler | 1 | 0 | HebrardTW05 [398] |
| Jumyung Um | 1 | 1 | ParkUJR19 [685] |
| Timothy L. Urban | 1 | 22 | RussellU06 [749] |
| Sebastian Urrutia | 1 | 181 | KendallKRU10 [471] |
| Raúl E. Valdés-Pérez | 1 | 0 | Valdes87 [853] |
| Richard Anthony Valenzano | 1 | 0 | LuoVLBM16 [569] |
| Carmelo Del Valle | 1 | 7 | ValleMGT03 [854] |
| David Van Bulck | 1 | 2 | BulckG22 [855] |
| Camino R. Vela | 1 | 0 | AfsarVPG23 [12] |
| Kristen Brent Venable | 1 | 1 | GelainPRVW17 [333] |
| Yannis Vergados | 1 | 20 | ZampelliVSDR13 [910] |
| Karen Villaverde | 1 | 0 | VillaverdeP04 [872] |
| Mariona Vilà | 1 | 6 | YuraszeckMPV22 [907] |
| Rebekka Volk | 1 | 0 | HubnerGSV21 [440] |
| Holger Voos | 1 | 30 | LunardiBLRV20 [567] |
| Nikolaos Voros | 1 | 4 | EmeretlisTAV17 [275] |
| Thomas W. M. Vossen | 1 | 0 | HillTV21 [418] |
| Kai Waelti | 1 | 2 | KoehlerBFFHPSSS21 [483] |
| William A. Wallace | 1 | 14 | GongLMW09 [356] |
| Richard J. Wallace | 1 | 0 | WallaceF00 [878] |
| Runsen Wang | 1 | 12 | QinWSLS21 [716] |
| Futian Wang | 1 | 24 | TangLWSK18 [814] |
| Shouyang Wang | 1 | 49 | ZhangW18 [923] |
| Tao Wang | 1 | 36 | WangMD15 [881] |
| Yi Wang | 1 | 8 | GuoHLW20 [372] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Yingying Wang | 1 | 40 | TanZWGQ19 [812] |
| Dazhi Wang | 1 | 1 | TanSD10 [811] |
| Chang-Jung Wang | 1 | 57 | LiuW11 [545] |
| Junjie Wang | 1 | 0 | LuZZYW24 [564] |
| Xiaofang Wang | 1 | 0 | PolicellaWSO05 [703] |
| Ezra Wari | 1 | 11 | WariZ19 [882] |
| John Wassick | 1 | 381 | HarjunkoskiMBC14 [390] |
| Masanobu Watanabe | 1 | 0 | YoshikawaKNW94 [901] |
| Mathijs de Weerdt | 1 | 1 | BogaerdtW19 [857] |
| Jan Weglarz | 1 | 38 | BlazewiczEP19 [133] |
| G. Weil | 1 | 56 | WeilHFP95 [885] |
| Radosław Wichniarek | 1 | 0 | CzerniachowskaWZ23 [222] |
| Jaroslaw Wikarek | 1 | 0 | WikarekS19 [888] |
| Ronald J. Wilcox | 1 | 71 | GombolayWS18 [353] |
| H. Paul Williams | 1 | 56 | SmithBHW96 [795] |
| Campbell Wilson | 1 | 6 | He0GLW18 [395] |
| Michael Winkler | 1 | 10 | HeinzSSW12 [404] |
| David Wittwer | 1 | 1 | BenderWS21 [114] |
| Kati Wolter | 1 | 80 | AchterbergBKW08 [8] |
| Keith Womer | 1 | 113 | LiW08 [529] |
| T. N. Wong | 1 | 6 | ZhangYW21 [922] |
| Jianguo Wu | 1 | 1 | ZhuSZW23 [930] |
| Cheng-Hung Wu | 1 | 14 | NattafDYW19 [643] |
| Frederick Y. Wu | 1 | 0 | MurthyRAW97 [626] |
| Baoyuan Wu | 1 | 0 | LiLZDZW24 [530] |
| Jörg Würtz | 1 | 23 | SchildW00 [762] |
| Quanshi Xia | 1 | 13 | ChuX05 [205] |
| Hegen Xiong | 1 | 18 | FanXG21 [292] |
| Zhou Xu | 1 | 5 | LimRX04 [534] |
| Yang Xu | 1 | 2 | ShiYXQ22 [781] |
| Mustafa Yüzükırmızı | 1 | 15 | AlakaPY19 [23] |
| Hong Yan | 1 | 8 | HookerY02 [437] |
| Moli Yang | 1 | 1 | YangSS19 [899] |
| Zhouwang Yang | 1 | 2 | ShiYXQ22 [781] |
| Caiyun Yang | 1 | 0 | LuZZYW24 [564] |
| Jia-Sheng Yao | 1 | 2 | HoYCLLCLC18 [420] |
| Min Yao | 1 | 4 | SunLYL10 [805] |
| Peng Ye | 1 | 0 | YeGMH94 [900] |
| Dennis Wai Ming Yeung | 1 | 0 | ChunCTY99 [206] |
| Vassilios Yfantis | 1 | 3 | KlankeBYE21 [479] |
| Kunikazu Yoda | 1 | 19 | OkanoDTRYA04 [667] |
| Myoung Kyun Yoon | 1 | 0 | LeeKLKKYHP97 [523] |
| Masazumi Yoshikawa | 1 | 0 | YoshikawaKNW94 [901] |
| Maryam Younespour | 1 | 7 | YounespourAKE19 [902] |
| Kenneth D. Young | 1 | 6 | YoungFS17 [903] |
| Chunxia Yu | 1 | 6 | ZhangYW21 [922] |
| Xinghuo Yu | 1 | 11 | MartinPY01 [589] |
| Claude Yugma | 1 | 14 | NattafDYW19 [643] |
| David Y. Y. Yun | 1 | 0 | KengY89 [472] |
| Pinar Yunusoglu | 1 | 20 | YunusogluY22 [905] |
| Mustafa Yuzukirmizi | 1 | 16 | PinarbasiAY19 [698] |
| Marco Zaffalon | 1 | 28 | Darby-DowmanLMZ97 [228] |
| Boukhalfa Zahout | 1 | 0 | Zahout21 [909] |
| M. H. Fazel Zarandi | 1 | 28 | ZarandiKS16 [911] |

Table 8: Co-Authors of Articles/Papers

| Author | Nr Works | Nr Cites | Entries |
|---|---|---|---|
| Mohammad Hossein Fazel Zarandi | 1 | 55 | ZarandiASC20 [912] |
| Bahram Zarrin | 1 | 0 | BarzegaranZP20 [84] |
| Shohre Zehtabian | 1 | 0 | EmdeZD22 [274] |
| Lishun Zeng | 1 | 3 | ZengM12 [919] |
| Hongyuan Zha | 1 | 0 | LiLZDZW24 [530] |
| Mengjie Zhang | 1 | 0 | abs-2402-00459 [647] |
| Haotian Zhang | 1 | 0 | ZhangJZL22 [920] |
| Luping Zhang | 1 | 6 | ZhangYW21 [922] |
| Sicheng Zhang | 1 | 49 | ZhangW18 [923] |
| Xujun Zhang | 1 | 1 | ZhangLS12 [924] |
| Lihui Zhang | 1 | 18 | ZouZ20 [933] |
| Jiachen Zhang | 1 | 1 | ZhangBB22 [921] |
| Peter Yun Zhang | 1 | 8 | TranPZLDB18 [839] |
| Xi Zhang | 1 | 1 | ZhuSZW23 [930] |
| Yu Zhang | 1 | 0 | LuZZYW24 [564] |
| Zhaoxia Zhao | 1 | 40 | ZhaoL14 [925] |
| Lanbo Zheng | 1 | 0 | LuZZYW24 [564] |
| Jinlian Zhou | 1 | 0 | ZhouGL15 [928] |
| MengChu Zhou | 1 | 40 | TanZWGQ19 [812] |
| Rong Zhou | 1 | 0 | DoRZ08 [253] |
| Kenny Qili Zhu | 1 | 0 | ZhuS02 [929] |
| Weihang Zhu | 1 | 11 | WariZ19 [882] |
| Jianjun Zhu | 1 | 0 | GuoZ23 [373] |
| Xuedong Zhu | 1 | 1 | ZhuSZW23 [930] |
| Zihao Zhu | 1 | 0 | LiLZDZW24 [530] |
| Pawel Zielinski | 1 | 13 | FortinZDF05 [304] |
| Jürgen Zimmermann | 1 | 25 | KreterSSZ18 [501] |
| Xin Zou | 1 | 18 | ZouZ20 [933] |
| Monte Zweben | 1 | 0 | EskeyZ90 [280] |
| Hande Öztop | 1 | 5 | CilKLO22 [208] |
| Lucia V. R. de Arruda | 1 | 7 | FelizariAL09 [297] |
| Bruno de Athayde Prata | 1 | 5 | AbreuAPNM21 [232] |
| F.A. van der Schoot | 1 | 0 | ForbesHJST24 [303] |
| Ulas Özen | 1 | 8 | TerekhovDOB12 [821] |
| Selin Özpeynirci | 1 | 31 | GokgurHO18 [349] |
| Cemalatin Öztürk | 1 | 5 | OzturkTHO12 [674] |
| Nahum Álvarez | 1 | 0 | PovedaAA23 [707] |
| Emil Åström | 1 | 1 | CarlssonKA99 [190] |
| Gizem Çakir | 1 | 5 | SubulanC22 [801] |
| Krzysztof Żywicki | 1 | 0 | CzerniachowskaWZ23 [222] |

# 5 Most Cited Works

Table 9: Most Cited Works (Total 30)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JainM99 JainM99 | A. Jain, S. Meeran | Deterministic job-shop scheduling: Past, present and future | Yes | [447] | 1999 | European Journal of Operational Research | 45 | 490 503 630 | 150 262 | 1498 | n/a |
| MintonJPL92 MintonJPL92 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems | Yes | [611] | 1992 | Artificial Intelligence | 45 | 437 440 525 | 13 46 | 1554 | n/a |
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| BlazewiczDP96 BlazewiczDP96 | J. Błażewicz, W. Domschke, E. Pesch | The job shop scheduling problem: Conventional and new solution techniques | Yes | [173] | 1996 | European Journal of Operational Research | 33 | 344 357 412 | 127 224 | 1399 | n/a |
| HookerO03 HookerO03 | J. N. Hooker, G. Ottosson | Logic-based Benders decomposition | Yes | [434] | 2003 | Mathematical Programming | 28 | 317 333 371 | 0 0 | 1491 | n/a |
| Davis87 Davis87 | E. Davis | Constraint propagation with interval labels | Yes | [231] | 1987 | Artificial Intelligence | 51 | 308 312 332 | 21 51 | 1429 | n/a |
| JainG01 JainG01 | V. Jain, I. E. Grossmann | Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems | Yes | [448] | 2001 | INFORMS Journal on Computing | 19 | 279 284 321 | 23 38 | 1497 | n/a |
| BaptistePN01 BaptistePN01 | P. Baptiste, C. L. Pape, W. Nuijten | Constraint-Based Scheduling | No | [70] | 2001 | Book | null | 296 302 0 | 0 0 | No | n/a |
| BeldiceanuC94 BeldiceanuC94 | N. Beldiceanu, E. Contejean | Introducing Global Constraints in CHIP | Yes | [111] | 1994 | Mathematical and Computer Modelling | 27 | 167 169 223 | 8 21 | 1392 | n/a |
| KendallKRU10 KendallKRU10 | G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia | Scheduling in sports: An annotated bibliography | No | [471] | 2010 | Computers Operations Research | 19 | 181 186 220 | 0 0 | No | n/a |
| AggounB93 AggounB93 | A. Aggoun, N. Beldiceanu | Extending CHIP in order to solve complex scheduling and placement problems | Yes | [13] | 1993 | Mathematical and Computer Modelling | 17 | 187 191 214 | 11 36 | 1356 | n/a |
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |
| LaborieRSV18 LaborieRSV18 | P. Laborie, J. Rogerie, P. Shaw, P. Vilím | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | Yes | [512] | 2018 | Constraints An Int. J. | 41 | 148 178 203 | 35 54 | 1520 | 1742 |
| OhrimenkoSC09 OhrimenkoSC09 | O. Ohrimenko, P. J. Stuckey, M. Codish | Propagation via lazy clause generation | Yes | [666] | 2009 | Constraints An Int. J. | 35 | 127 128 198 | 15 35 | 1578 | n/a |
| Ham18 Ham18 | A. M. Ham | Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming | Yes | [383] | 2018 | Transportation Research Part C: Emerging Technologies | 14 | 164 192 197 | 14 30 | 1469 | n/a |
| HarjunkoskiG02 HarjunkoskiG02 | I. Harjunkoski, I. E. Grossmann | Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods | Yes | [388] | 2002 | Computers Chemical Engineering | 20 | 169 173 192 | 11 25 | 1476 | n/a |
| Hooker00 Hooker00 | J. N. Hooker | Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction | No | [421] | 2000 | Book | null | 185 186 0 | 0 0 | No | n/a |
| Laborie03 Laborie03 | P. Laborie | Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results | Yes | [508] | 2003 | Artificial Intelligence | 38 | 128 129 175 | 10 31 | 1518 | n/a |

Table 9: Most Cited Works (Total 30)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MengZRZL20 MengZRZL20 | L. Meng, C. Zhang, Y. Ren, B. Zhang, C. Lv | Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem | Yes | [599] | 2020 | Computers Industrial Engineering | 13 | 100 133 152 | 62 69 | 1549 | 1729 |
| BensanaLV99 BensanaLV99 | E. Bensana, M. Lemaître, G. Verfaillie | Earth Observation Satellite Management | Yes | [125] | 1999 | Constraints An Int. J. | 7 | 99 0 150 | 0 0 | 1397 | 1775 |
| LiW08 LiW08 | H. Li, K. Womer | Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm | Yes | [529] | 2008 | Journal of Scheduling | 18 | 113 123 144 | 31 52 | 1524 | n/a |
| Rodriguez07 Rodriguez07 | J. Rodriguez | A constraint programming model for real-time train scheduling at junctions | Yes | [737] | 2007 | Transportation Research Part B: Methodological | 15 | 117 121 141 | 6 14 | 1603 | n/a |
| KuB16 KuB16 | W.-Y. Ku, J. C. Beck | Mixed Integer Programming models for job shop scheduling: A computational analysis | Yes | [502] | 2016 | Computers Operations Research | 9 | 119 132 141 | 17 25 | 1515 | n/a |
| Wallace96 Wallace96 | M. G. Wallace | Practical Applications of Constraint Programming | Yes | [875] | 1996 | Constraints An Int. J. | 30 | 87 89 138 | 55 143 | 1649 | 1780 |
| CorreaLR07 CorreaLR07 | A. I. Corréa, A. Langevin, L.-M. Rousseau | Scheduling and routing of automated guided vehicles: A hybrid approach | Yes | [220] | 2007 | Computers Operations Research | 20 | 106 114 137 | 20 28 | 1426 | n/a |
| SadehF96 SadehF96 | N. M. Sadeh, M. S. Fox | Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem | Yes | [752] | 1996 | Artificial Intelligence | 41 | 95 97 131 | 17 56 | 1611 | n/a |
| MaraveliasCG04 MaraveliasCG04 | C. T. Maravelias, I. E. Grossmann | A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants | Yes | [585] | 2004 | Computers Chemical Engineering | 29 | 116 119 130 | 24 29 | 1540 | n/a |
| AchterbergBKW08 AchterbergBKW08 | T. Achterberg, T. Berthold, T. Koch, K. Wolter | Constraint Integer Programming: A New Approach to Integrate CP and MIP | Yes | [8] | 2008 | CPAIOR 2008 | 15 | 80 80 125 | 25 43 | 449 | n/a |
| Kuchcinski03 Kuchcinski03 | K. Kuchcinski | Constraints-driven scheduling and resource assignment | Yes | [503] | 2003 | ACM Transactions on Design Automation of Electronic Systems | 29 | 105 105 116 | 15 42 | 1516 | n/a |
| MeskensDL13 MeskensDL13 | N. Meskens, D. Duvivier, A. Lianset | Multi-objective operating room scheduling considering desiderata of the surgical team | No | [604] | 2013 | DECISION SUPPORT SYSTEMS | 10 | 102 102 116 | 31 39 | No | n/a |

# 6 Acronyms

Table 10: Acronym Concepts

| Acronym | Type | Description |
|---|---|---|
| 2BPHFSP | Classification | Two-Stage Bin Packing and Hybrid Flow Shop Scheduling Problem |
| BOM | Concepts | Bill of Material |
| BPCTOP | Classification | Bulk Port Cargo Throughput Optimisation Problem |
| CECSP | Classification | Continuous Energy-Constrained Scheduling Problem |
| CHSP | Classification | Cyclic Hoist Scheduling Problem |
| CLP | Concepts | Constraint Logic Programming |
| COP | Concepts | Constraint Optimization Problem |
| COVID | ApplicationAreas | Coronavirus disease |
| CP | Concepts | Constraint Programming |
| CSP | Concepts | Constraint Satisfaction Problem |
| CTW | Classification | Cable Tree Wiring Problem |
| CuSP | Classification | Cumulative Scheduling Problem |
| EOSP | Classification | Earth Observation Scheduling Problem |
| FJS | Classification | Fixed Job Scheduling |
| GCC constraint | Constraints | global cardinality constraint |
| GCSP | Classification | Group Cumulative Scheduling Problem |
| GRASP | Algorithms | Greedy Randomized Adaptive Search Procedure |
| HFF | Classification | Hybrid Flexible Flow-shop |
| HFFTT | Classification | Hybrid Flexible Flowshop with Transportation Times |
| HFS | Classification | Hybrid Flow-shop Problem |
| HVAC | ApplicationAreas | Heating Ventilation Air-Conditioning |
| IGT | Algorithms | Improved Guo Tao algorithm |
| JSPT | Classification | Job-Shop Scheduling Problem with Transportation |
| JSSP | Classification | Job-Shop Scheduling Problem |
| KRFP | Classification | kernel resource feasibility problem |
| LSFRP | Classification | Liner Shipping Fleet Repositioning Problem |
| MGAP | Classification | Modified Generalized Assignment Problem |
| MINLP | Algorithms | Mixed-Integer Non-linear Programming |
| MIQP | Algorithms | Mixed-Integer Quadratic Programming |
| NEH | Algorithms | Scheduling Algorithm developed by Nawaz, Enscore, Ham |
| OSP | Classification | Oven Scheduling Problem |
| OSSP | Classification | Open Shop Scheduling Problem |
| PCB industry | Industries | printed circuit board industry |
| PJSSP | Classification | Pre-emptive Job-Shop scheduling Problem |
| PMSP | Classification | Parallel Machine Scheduling Problem |
| PP-MS-MMRCPSP | Classification | partially preemptive- multi-skill/mode resource-constrained project scheduling problem with generalized precedence relations and resource calendars |
| PTC | Classification | Scheduling Problem with Time Constraints |
| RCMPSP | Classification | Resource-Constrained Multi-Project Scheduling Problem |
| RCPSP | Classification | Resource-constrained Project Scheduling Problem |
| RCPSPDC | Classification | Resource-constrained Project Scheduling Problem with Discounted Cashflow |
| RTMP | Classification | Railway Traffic Management Problem |
| SBSFMMAL | Classification | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines |
| SCC | Classification | Steel-making and continuous casting |
| SMSDP | Classification | steel mill slab design problem |
| TCSP | Classification | Temporal Constraint Satisfaction Problem |
| TMS | Classification | Transmission Network Maintenance Planning |
| UTVPI constraint | Constraints | unit two variable per inequality constraint |
| psplib | Classification | Project Scheduling Problem Library |
| rtRTMP | Classification | real-time Railway Traffic Management Problem |

# 7 Concept Matching

In order to automatically find out properties of the articles, we try to find certain concepts in the pdf versions of the articles. We manually defined an ontology of important concepts to look for, and defined regular expressions that would recognize these concepts in the text. We use the *pdfgrep* command to search for the number of occurrences of certain regular expressions in the files. This often clearly identifies the constraints used in the model. We group the results by number of occurrences of the concept in the text of the work. Note that this is only approximate, as we do include the full pdf file in the search. A concept might only be mentioned in some of the title of citations used in the paper, we do count them in our results, as we were not able to remove the bibliography from the main body of the work.

Overall, if a work is not mentioned as using the concept, the the text does not contain a match to the corresponding regular expression. A fundamental limitation of this approach is that it only really works for text written in the language the regular expressions are designed for (in our case English), and not those written in another language. We could overcome this limitation by defining all concepts in other languages as well, and then using a language flag to identify the language the text is written in.

Note that we only show the first 30 matching entries in each concept category, and list the total number of matches if there are more than 30 matches.

## 7.1 Concept Type Concepts

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | Allen's algebra | | | |
| Concepts | BOM | SubulanC22 [801], OrnekO16 [668] | | HoundjiSW19 [438], abs-1902-01193 [20], UnsalO19 [851] |
| Concepts | Benders Decomposition | ForbesHJST24 [303], GuoZ23 [373], ZhuSZW23 [930], NaderiBZR23 [632], JuvinHL23a [459], NaderiBZ23 [634], ElciOH22 [268], NaderiBZ22a [631], JuvinHL22 [457], EmdeZD22 [274], NaderiBZ22 [633], RoshanaeiN21 [745], VlkHT21 [873], FachiniA20 [285], RoshanaeiBAUB20 [742], SunTB19 [803], UnsalO19 [851], Hooker19 [432], GombolayWS18 [353], TanT18 [810], AgussurjaKL18 [17], GoldwaserS18 [351], HookerH17 [436], GomesM17 [355], EmeretlisTAV17 [275], CireCH16 [210], QinDS16 [718], TranAB16 [836], Froger16 [313]... (Total: 67) | LuZZYW24 [564], NaderiRR23 [637], MengGRZSC22 [597], BulckG22 [855], TangB20 [813], TanZWGQ19 [812], Laborie18a [511], TranVNB17 [841], RoshanaeiLAU17 [744], GoldwaserS17 [350], RiiseML16 [732], HarjunkoskiMBC14 [390], GuyonLPR12 [375], LombardiMRB10 [558], BeniniLMR08 [122], Hooker05a [425], HookerY02 [437] | PrataAN23 [710], PovedaAA23 [707], AlfieriGPS23 [25], JuvinHHL23 [456], LuoB22 [570], FarsiTM22 [293], Godet21a [344], QinDCS20 [717], WallaceY20 [877], MengZRZL20 [599], AntunesABD20 [30], Mercier-AubinGQ20 [602], Polo-MejiaALB20 [704], MurinR19 [623], PachecoPR19 [678], FrimodigS19 [312], LaborieRSV18 [512], AntunesABD18 [29], CappartTSR18 [180], BoothNB16 [155], FontaineMH16 [302], Fahimi16 [286], EvenSH15a [284], BurtLPS15 [172], EvenSH15 [283], BlomBPS14 [135], LipovetzkyBPS14 [540], KoschB14 [489], LaborieR14 [513]... (Total: 45) |
| Concepts | CLP | BadicaBI20 [55], WikarekS19 [888], BadicaBIL19 [56], HookerH17 [436], Menana11 [594], Malapert11 [578], RenT09 [728], Simonis07 [791], RoePS05 [741], Kuchcinski03 [503], ZhuS02 [929], Bartak02 [75], Thorsteinsson01 [828], MartinPY01 [589], BosiM2001 [158], HarjunkoskiJG00 [389], Simonis99 [790], RodosekWH99 [736], AbdennadherS99 [2], GruianK98 [367], RodosekW98 [735], LammaMM97 [518], Darby-DowmanLMZ97 [228], FalaschiGMP97 [289], BrusoniCLMMT96 [170], Wallace96 [875], Touraivane95 [835], Simonis95a [788], Goltz95 [352] | ShaikhK23 [779], FontaineMH16 [302], Kameugne14 [461], Balduccini11 [60], Wolf09 [895], AchterbergBKW08 [8], JussienL02 [455], Baptiste02 [62], HookerOTK00 [435], HookerO99 [433], CarlssonKA99 [190], Simonis95 [789], FoxS90 [306], DincbasSH90 [252] | KameugneFND23 [464], ColT22 [224], GeitzGSSW22 [332], Teppan22 [820], GeibingerMM21 [331], CauwelaertDS20 [197], ZarandiASC20 [912], ColT2019a [223], abs-1902-01193 [20], Hooker19 [432], GokgurHO18 [349], GelainPRVW17 [333], Madi-WambaB16 [573], BofillGSV15 [145], LetortCB15 [528], Siala15a [784], HarjunkoskiMBC14 [390], KameugneFSN14 [467], SchuttFS13 [768], SchuttFSW13 [772], OzturkTHO13 [676], SchuttFS13a [767], Letort13 [525], LetortBC12 [526], Clercq12 [235], SimonisH11 [794], Schutt11 [765], KameugneFSN11 [466], CobanH11 [215]... (Total: 94) |
| Concepts | COP | Lemos21 [524], Godet21a [344], Groleaz21 [363], PourDERB18 [706], Dejemeppe16 [238], AlesioNBG14 [247], PengLC14 [687], HeinzSB13 [406], Malapert11 [578], KovacsK11 [495], ChenGPSH10 [203], SultanikMR07 [802], ElhouraniDM07 [270], Dorndorf2000 [258] | FalqueALM24 [291], FetgoD22 [298], Edis21 [263], LiuCGM17 [546], HarjunkoskiMBC14 [390], Beck99 [85], BeckDDF98 [89], BeckF98 [94] | BonninMNE24 [154], PenzDN23 [688], ZhangBB22 [921], BoudreaultSLQ22 [160], Tassel22 [816], ColT22 [224], GeitzGSSW22 [332], FallahiAC20 [290], AntunesABD20 [30], NattafM20 [645], UnsalO19 [851], MalapertN19 [582], German18 [335], AntunesABD18 [29], Laborie18a [511], CappartS17 [179], CohenHB17 [216], TranWDRFOVB16 [843], Froger16 [313], HechingH16 [400], CatusseCBL16 [193], AmadiniGM16 [27], TranDRFWOVB16 [838], QinDS16 [718], Derrien15 [244], Siala15a [784], GrimesH15 [360], DejemeppeD14 [240], Clercq12 [235]... (Total: 44) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | CP | LuZZYW24 [564], FalqueALM24 [291], BonninMNE24 [154], abs-2402-00459 [647], ForbesHJST24 [303], PrataAN23 [710], TardivoDFMP23 [815], AkramNHRSA23 [19], FrimodigECM23 [311], NaderiRR23 [637], LacknerMMWW23 [515], AlakaP23 [22], Mehdizadeh-Somarin23 [592], TasselGS23 [817], WessenCSFPM23 [887], Adelgren2023 [11], AbreuPNF23 [5], Fatemi-AnarakiTFV23 [294], YuraszeckMCCR23 [908], PovedaAA23 [707], WangB23 [880], KameugneFND23 [464], EfthymiouY23 [267], abs-2306-05747 [818], SquillaciPR23 [798], JuvinHL23 [458], IsikYA23 [445], NaderiBZR23 [632], KimCMLLP23 [476]... (Total: 575) | Caballero23 [175], PenzDN23 [688], SvancaraB22 [807], NaqviAIAAA22 [638], CarlierPSJ20 [187], WikarekS19 [888], LiuLH19 [543], TranPZLDB18 [839], KletzanderM17 [480], GelainPRVW17 [333], NattafAL17 [641], NattafALR16 [642], GingrasQ16 [341], LimBTBB15a [536], MurphyMB15 [625], ZhouGL15 [928], HoundjiSWD14 [439], GrimesIOS14 [362], TerekhovTDB14 [822], DoulabiRP14 [259], BonfiettiLM14 [151], ChuGNSW13 [204], MalapertCGJLR13 [580], GuSW12 [370], SimoninAHL12 [786], BonfiettiM12 [152], BonfiettiLBM12 [148], Wolf11 [892], BonfiettiLBM11 [147]... (Total: 83) | LiLZDZW24 [530], IklassovMR023 [444], ShaikhK23 [779], JungblutK22 [453], AbohashimaEG21 [4], KletzanderMH21 [482], FanXG21 [292], KletzanderM20 [481], BadicaBIL19 [56], RiahiNS018 [730], He0GLW18 [395], TranDRFWOVB16 [838], Madi-WambaB16 [573], BlomPS16 [136], KinsellaS0OS16 [477], Bonfietti16 [146], SimoninAHL15 [787], BartakV15 [80], Siala15 [783], Maillard15 [576], BlomBPS14 [135], BessiereHMQW14 [127], BegB13 [104], TranTDB13 [840], MenciaSV12 [595], IfrimOS12 [443], BartakS11 [78], BandaSC11 [236], ReddyFIBKAJ11 [726]... (Total: 72) |
| Concepts | CSP | FalqueALM24 [291], ZhuSZW23 [930], FetgoD22 [298], ColT22 [224], LuoB22 [570], Lemos21 [524], KletzanderMH21 [482], Groleaz21 [363], Godet21a [344], GroleazNS20 [365], QinDCS20 [717], ZarandiASC20 [912], LiuLH19 [543], LiuLH19a [542], NattafHKAL19 [644], SunTB19 [803], Caballero19 [174], German18 [335], PourDERB18 [706], TangLWSK18 [814], GokgurHO18 [349], GelainPRVW17 [333], LiuCGM17 [546], NattafAL17 [641], Nattaf16 [639], Fahimi16 [286], NattafALR16 [642], ZarandiKS16 [911], Dejemeppe16 [238]... (Total: 95) | JuvinHHL23 [456], TardivoDFMP23 [815], HillTV21 [418], Astrand21 [50], Zahout21 [909], Edis21 [263], SacramentoSP20 [751], ZouZ20 [933], FallahiAC20 [290], LiuLH18 [541], CappartTSR18 [180], CauwelaertLS18 [196], HookerH17 [436], Madi-WambaLOBM17 [574], Derrien15 [244], GrimesH15 [360], MalapertCGJLR13 [580], BajestaniB13 [58], ChuGNSW13 [204], BonfiettiLM13 [150], ZhangLS12 [924], OddiRCS11 [664], BandaSC11 [236], ZeballosNH11 [917], LiuW11 [545], GrimesH10 [358], OddiRC10 [663], Zeballos10 [913], LombardiM10a [552]... (Total: 54) | WangB23 [880], EfthymiouY23 [267], Bit-Monnot23 [132], KoehlerBFFHPSSS21 [483], AntuoriHHEN21 [32], PandeyS21a [680], Mercier-AubinGQ20 [602], ThomasKS20 [827], AstrandJZ20 [53], abs-1902-01193 [20], WikarekS19 [888], PachecoPR19 [678], abs-1901-07914 [106], BehrensLM19 [105], FrohnerTR19 [314], Ham18a [377], Ham18 [383], LaborieRSV18 [512], KameugneFGOQ18 [463], AstrandJZ18 [52], ErkingerM17 [277], MossigeGSMC17 [619], NovaraNH16 [651], AmadiniGM16 [27], BoothNB16 [155], CauwelaertLS15 [195], VilimLS15 [871], LombardiBM15 [549], WangMD15 [881]... (Total: 104) |
| Concepts | Logic-Based Benders Decomposition | ForbesHJST24 [303], ZhuSZW23 [930], NaderiBZR23 [632], JuvinHL23a [459], GuoZ23 [373], NaderiBZ22a [631], ElciOH22 [268], JuvinHL22 [457], EmdeZD22 [274], VlkHT21 [873], RoshanaeiN21 [745], FachiniA20 [285], UnsalO19 [851], Hooker19 [432], SunTB19 [803], GoldwaserS18 [351], TanT18 [810], EmeretlisTAV17 [275], HookerH17 [436], HechingH16 [400], CireCH16 [210], TranAB16 [836], BajestaniB15 [59], CireCH13 [209], HamdiL13 [385], HeinzKB13 [403], BajestaniB13 [58], TranB12 [837], LombardiM12 [555]... (Total: 37) | NaderiBZ23 [634], NaderiRR23 [637], NaderiBZ22 [633], TangB20 [813], RoshanaeiBAUB20 [742], Laborie18a [511], GoldwaserS17 [350], Froger16 [313], HeinzB12 [402], GuyonLPR12 [375], Lombardi10 [548], CobanH10 [214], MilanoW09 [609], BeniniLMR08 [122], BeniniLMMR08 [121], HladikCDJ08 [419], CorreaLR07 [220], Hooker06 [427], HookerY02 [437] | PrataAN23 [710], JuvinHHL23 [456], BulckG22 [855], FarsiTM22 [293], Mercier-AubinGQ20 [602], QinDCS20 [717], WallaceY20 [877], MurinR19 [623], PachecoPR19 [678], CappartTSR18 [180], LaborieRSV18 [512], GombolayWS18 [353], AntunesABD18 [29], AgussurjaKL18 [17], GomesM17 [355], TranVNB17 [841], RoshanaeiLAU17 [744], QinDS16 [718], BoothNB16 [155], Fahimi16 [286], RiiseML16 [732], FontaineMH16 [302], KoschB14 [489], HarjunkoskiMBC14 [390], LaborieR14 [513], TerekhovDOB12 [821], LozanoCDS12 [563], EdisO11 [264], HachemiGR11 [376]... (Total: 49) |
| Concepts | Pareto | FarsiTM22 [293], Zahout21 [909], Lemos21 [524], ZarandiASC20 [912], Dejemeppe16 [238], KovacsK11 [495] | Edis21 [263], YounespourAKE19 [902], DejemeppeD14 [240], HeckmanB11 [401] | GokPTGO23 [348], CzerniachowskaWZ23 [222], FrimodigECM23 [311], LacknerMMWW23 [515], JuvinHL23a [459], WinterMMW22 [889], MengGRZSC22 [597], JuvinHL22 [457], OrnekOS20 [669], KletzanderMH21 [482], AntuoriHHEN20 [31], Lunardi20 [568], EscobetPQPRA19 [279], TanZWGQ19 [812], GurEA19 [934], CappartTSR18 [180], GomesM17 [355], QinDS16 [718], Froger16 [313], BridiBLMB16 [166], HarjunkoskiMBC14 [390], RuggieroBBMA09 [748], HladikCDJ08 [419], Johnston05 [212], Baptiste02 [62], VanczaM01 [860], FocacciLN00 [300] |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | activity | TardivoDFMP23 [815], GokPTGO23 [348], PovedaAA23 [707], PenzDN23 [688], AalianPG23 [1], MarliereSPR23 [587], CampeauG22 [178], SubulanC22 [801], AwadMDMT22 [54], SvancaraB22 [807], TouatBT22 [834], Godet21a [344], BenderWS21 [114], KlankeBYE21 [479], Astrand21 [50], HubnerGSV21 [440], ZarandiASC20 [912], Polo-MejiaALB20 [704], CauwelaertDS20 [197], HauderBRPA20 [394], AstrandJZ20 [53], BadicaBI20 [55], ZouZ20 [933], ThomasKS20 [827], abs-1902-09244 [393], BhatnagarKL19 [128], GeibingerMM19 [330], abs-1911-04766 [329], UnsalO19 [851]... (Total: 217) | BonninMNE24 [154], YuraszeckMCCR23 [908], Bit-Monnot23 [132], AfsarVPG23 [12], PopovicCGNC22 [705], BoudreaultSLQ22 [160], AntunesABD20 [30], GokGSTO20 [347], Lunardi20 [568], LunardiBLRV20 [567], EscobetPQPRA19 [279], YangSS19 [899], Hooker19 [432], Novas19 [652], ShinBBHO18 [782], SchuttS16 [774], BoothNB16 [155], OrnekO16 [668], BoothTNB16 [156], TranWDRFOVB16 [843], QinDS16 [718], VilimLS15 [871], Derrien15 [244], GoelSHFS15 [346], HarjunkoskiMBC14 [390], DoulabiRP14 [259], LaborieR14 [513], LombardiMB13 [557], LombardiM13 [556]... (Total: 62) | PrataAN23 [710], GuoZ23 [373], abs-2312-13682 [690], WessenCSFPM23 [887], NaderiBZR23 [632], CzerniachowskaWZ23 [222], SquillaciPR23 [798], abs-2305-19888 [408], FrimodigECM23 [311], JuvinHL23a [459], ShaikhK23 [779], PerezGSL23 [689], abs-2211-14492 [804], PohlAK22 [702], OuelletQ22 [672], MullerMKP22 [622], JuvinHL22 [457], YunusogluY22 [905], HeinzNVH22 [407], HebrardALLCMR22 [396], EtminaniesfahaniGNMS22 [282], Groleaz21 [363], HillTV21 [418], GeibingerMM21 [331], PandeyS21a [680], Zahout21 [909], Astrand0F21 [51], ZhangYW21 [922], Mercier-AubinGQ20 [602]... (Total: 112) |
| Concepts | batch process | LacknerMMWW23 [515], AwadMDMT22 [54], LacknerMMWW21 [514], QinWSLS21 [716], ZarandiASC20 [912], HamC16 [384], NovaraNH16 [651], KoschB14 [489], HarjunkoskiMBC14 [390], Malapert11 [578] | TangB20 [813], HamFC17 [380], NovasH10 [653], ZeballosCM10 [914], RenT09 [728], RoePS05 [741], Vilim02 [862], SimonisC95 [793] | PrataAN23 [710], YuraszeckMCCR23 [908], IsikYA23 [445], Adelgren2023 [11], MullerMKP22 [622], SvancaraB22 [807], EmdeZD22 [274], LiFJZLL22 [531], ColT22 [224], AbreuN22 [233], YunusogluY22 [905], LuoB22 [570], GeitzGSSW22 [332], OujanaAYB22 [673], ZhangYW21 [922], FanXG21 [292], KlankeBYE21 [479], MengZRZL20 [599], CauwelaertDS20 [197], Ham20a [378], Lunardi20 [568], TanZWGQ19 [812], EscobetPQPRA19 [279], FahimiOQ18 [287], Ham18 [383], LaborieRSV18 [512], Ham18a [377], CauwelaertDMS16 [194], Dejemeppe16 [238]... (Total: 41) |
| Concepts | bi-objective | ZarandiASC20 [912] | IsikYA23 [445], AbreuPNF23 [5], YunusogluY22 [905], HillTV21 [418], Lemos21 [524], NattafM20 [645], Dejemeppe16 [238], DejemeppeD14 [240] | LuZZYW24 [564], PrataAN23 [710], AfsarVPG23 [12], Mehdizadeh-Somarin23 [592], GokPTGO23 [348], NaderiBZR23 [632], GurPAE23 [374], NaderiRR23 [637], abs-2305-19888 [408], MullerMKP22 [622], HeinzNVH22 [407], WinterMMW22 [889], PopovicCGNC22 [705], MengGRZSC22 [597], AbreuN22 [233], FarsiTM22 [293], EmdeZD22 [274], Groleaz21 [363], Zahout21 [909], KletzanderMH21 [482], VlkHT21 [873], HamPK21 [382], HauderBRPA20 [394], KletzanderM20 [481], WallaceY20 [877], GokGSTO20 [347], MejiaY20 [593], Lunardi20 [568], LunardiBLRV20 [567]... (Total: 38) |
| Concepts | bill of material | | OrnekO16 [668] | Simonis07 [791] |
| Concepts | blocking constraint | AbreuNP23 [234], RiahiNS018 [730] | | WessenCSFPM23 [887], IsikYA23 [445], LiFJZLL22 [531], MengZRZL20 [599], RodriguezS09 [740], Rodriguez07b [738], Rodriguez07 [737] |
| Concepts | breakdown | Groleaz21 [363], FanXG21 [292], ZarandiASC20 [912], LaborieRSV18 [512], ZhangW18 [923], Froger16 [313], BartakV15 [80], NovasH10 [653], BidotVLB09 [130] | NaderiBZR23 [632], Lunardi20 [568], GombolayWS18 [353], RoshanaeiLAU17 [744], BajestaniB15 [59], ThiruvadyWGS14 [826], HarjunkoskiMBC14 [390], BajestaniB13 [58], BajestaniB11 [57], Elkhyari03 [271], MartinPY01 [589], BeckDDF98 [89] | Fatemi-AnarakiTFV23 [294], JuvinHL23 [458], PenzDN23 [688], IsikYA23 [445], MullerMKP22 [622], ColT22 [224], SubulanC22 [801], AwadMDMT22 [54], Tassel22 [816], YunusogluY22 [905], AbreuAPNM21 [232], KovacsTKSG21 [498], Astrand21 [50], AstrandJZ20 [53], HauderBRPA20 [394], PachecoPR19 [678], MalapertN19 [582], abs-1902-09244 [393], GedikKEK18 [326], CappartS17 [179], ZarandiKS16 [911], CireCH16 [210], OzturkTHO15 [677], LaborieR14 [513], LipovetzkyBPS14 [540], BegB13 [104], OzturkTHO13 [676], NovasH12 [654], BeckFW11 [93]... (Total: 46) |
| Concepts | buffer-capacity | | SureshMOK06 [806] | OujanaAYB22 [673], LiFJZLL22 [531], RiahiNS018 [730], BonfiettiLBM14 [149], NovasH14 [655], TerekhovTDB14 [822], ElhouraniDM07 [270], ZeballosH05 [915] |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | cmax | Fatemi-AnarakiTFV23 [294], KameugneFND23 [464], ZhuSZW23 [930], JuvinHHL23 [456], YuraszeckMC23 [906], YuraszeckMCCR23 [908], NaderiRR23 [637], AbreuNP23 [234], abs-2305-19888 [408], IsikYA23 [445], EtminaniesfahaniGNMS22 [282], AbreuN22 [233], YunusogluY22 [905], JuvinHL22 [457], ZhangBB22 [921], FetgoD22 [298], abs-2211-14492 [804], ArmstrongGOS21 [38], Godet21a [344], Groleaz21 [363], QinWSLS21 [716], AbohashimaEG21 [4], Polo-MejiaALB20 [704], MejiaY20 [593], Lunardi20 [568], QinDCS20 [717], MengZRZL20 [599], GodetLHS20 [345], YounespourAKE19 [902]... (Total: 71) | Mehdizadeh-Somarin23 [592], MullerMKP22 [622], ArmstrongGOS22 [39], BoudreaultSLQ22 [160], AbreuAPNM21 [232], HamPK21 [382], ArkhipovBL19 [37], Novas19 [652], ParkUJR19 [685], ArbaouiY18 [35], ZhouGL15 [928], GrimesH15 [360], WangMD15 [881], MenciaSV13 [596], ZhangLS12 [924], MenciaSV12 [595], BeckFW11 [93], MeskensDHG11 [603], BartakSR10 [79], TanSD10 [811], OzturkTHO10 [675], MoffittPP05 [612], Laborie05 [509], Muscettola02 [628], SourdN00 [797], ArtiguesR00 [48] | JuvinHL23 [458], Teppan22 [820], AwadMDMT22 [54], MengLZB21 [598], HanenKP21 [387], HubnerGSV21 [440], ZhangYW21 [922], HamP21 [381], ZarandiASC20 [912], CarlierPSJ20 [187], SenderovichBB19 [777], GokgurHO18 [349], LiuCGM17 [546], BofillCSV17 [143], OrnekO16 [668], SialaAH15 [785], SchnellH15 [763], KoschB14 [489], LombardiMB13 [557], MalapertCGJLR13 [580], SchuttFSW13 [772], Letort13 [525], TerekhovDOB12 [821], GuSW12 [370], Schutt11 [765], abs-1009-0347 [770], BartakSR08 [83], LiessM08 [532], WatsonB08 [884]... (Total: 38) |
| Concepts | completion-time | BonninMNE24 [154], PrataAN23 [710], LuZZYW24 [564], AbreuNP23 [234], Mehdizadeh-Somarin23 [592], ZhuSZW23 [930], Fatemi-AnarakiTFV23 [294], AlfieriGPS23 [25], AbreuPNF23 [5], KameugneFND23 [464], JuvinHL23 [458], NaderiRR23 [637], PenzDN23 [688], NaderiBZ23 [634], JuvinHL22 [457], AbreuN22 [233], YunusogluY22 [905], SubulanC22 [801], AwadMDMT22 [54], EmdeZD22 [274], OuelletQ22 [672], FetgoD22 [298], YuraszeckMPV22 [907], NaderiBZ22 [633], KlankeBYE21 [479], Astrand21 [50], Bedhief21 [103], Groleaz21 [363], HamP21 [381]... (Total: 103) | GokPTGO23 [348], IklassovMR023 [444], NaderiBZR23 [632], AfsarVPG23 [12], CzerniachowskaWZ23 [222], abs-2305-19888 [408], ColT22 [224], NaderiBZ22a [631], TouatBT22 [834], HeinzNVH22 [407], LiFJZLL22 [531], ZhangBB22 [921], abs-2211-14492 [804], MullerMKP22 [622], Teppan22 [820], OujanaAYB22 [673], FanXG21 [292], QinWSLS21 [716], HanenKP21 [387], RoshanaeiN21 [745], GeibingerMM21 [331], AbreuAPNM21 [232], NattafM20 [645], Polo-MejiaALB20 [704], Mercier-AubinGQ20 [602], Ham20a [378], TanZWGQ19 [812], ParkUJR19 [685], SunTB19 [803]... (Total: 75) | abs-2402-00459 [647], TasselGS23 [817], MontemanniD23a [616], IsikYA23 [445], abs-2306-05747 [818], AkramNHRSA23 [19], WessenCSFPM23 [887], JuvinHHL23 [456], Adelgren2023 [11], PerezGSL23 [689], PopovicCGNC22 [705], CampeauG22 [178], PohlAK22 [702], WinterMMW22 [889], FarsiTM22 [293], GeitzGSSW22 [332], ZhangJZL22 [920], ArmstrongGOS22 [39], HubnerGSV21 [440], Zahout21 [909], VlkHT21 [873], HamPK21 [382], MengLZB21 [598], Godet21a [344], Alaka21 [21], PandeyS21a [680], WessenCS20 [886], MengZRZL20 [599], AstrandJZ20 [53]... (Total: 137) |
| Concepts | constraint logic programming | BadicaBI20 [55], Simonis07 [791], RoePS05 [741], MartinPY01 [589], BosiM2001 [158], RodosekWH99 [736], Simonis99 [790], GruianK98 [367], Darby-DowmanLMZ97 [228], LammaMM97 [518], BrusoniCLMMT96 [170], Wallace96 [875], SimonisC95 [793], Simonis95a [788], Goltz95 [352], BeldiceanuC94 [111], AggounB93 [13] | ZarandiASC20 [912], WikarekS19 [888], HookerH17 [436], JelinekB16 [450], MilanoW09 [609], LiW08 [529], MilanoW06 [608], Wallace06 [876], Kuchcinski03 [503], Demassey03 [241], Elkhyari03 [271], Bartak02 [75], Timpe02 [829], Thorsteinsson01 [828], JainG01 [448], HarjunkoskiJG00 [389], HookerO99 [433], RodosekW98 [735], FalaschiGMP97 [289], Simonis95 [789], DincbasS91 [251], ErtlK91 [278] | ForbesHJST24 [303], NaderiBZR23 [632], IsikYA23 [445], EmdeZD22 [274], ColT22 [224], LuoB22 [570], ElciOH22 [268], PandeyS21a [680], RoshanaeiN21 [745], GeibingerMM21 [331], ArmstrongGOS21 [38], KlankeBYE21 [479], Lemos21 [524], CauwelaertDS20 [197], FallahiAC20 [290], RoshanaeiBAUB20 [742], FachiniA20 [285], BadicaBIL19 [56], HoundjiSW19 [438], abs-1902-01193 [20], Hooker19 [432], TanT18 [810], CauwelaertLS18 [196], RoshanaeiLAU17 [744], TranVNB17 [841], BoothTNB16 [156], Froger16 [313], Fahimi16 [286], NovaraNH16 [651]... (Total: 98) |
| Concepts | constraint optimization | KovacsTKSG21 [498], Dejemeppe16 [238], SultanikMR07 [802] | abs-2211-14492 [804], Lemos21 [524], Godet21a [344], abs-1901-07914 [106], LiuLH19 [543], PourDERB18 [706], MossigeGSMC17 [619], AlesioBNG15 [24], AlesioNBG14 [247], HeinzSB13 [406], MenciaSV13 [596], ChenGPSH10 [203], ElhouraniDM07 [270], Dorndorf2000 [258] | FalqueALM24 [291], TardivoDFMP23 [815], LacknerMMWW23 [515], TasselGS23 [817], abs-2306-05747 [818], GuoZ23 [373], FetgoD22 [298], Tassel22 [816], Edis21 [263], KoehlerBFFHPSSS21 [483], FallahiAC20 [290], FrohnerTR19 [314], abs-1902-01193 [20], Hooker19 [432], BehrensLM19 [105], LiuLH18 [541], GoldwaserS18 [351], HookerH17 [436], GelainPRVW17 [333], ErkingerM17 [277], LiuCGM17 [546], EmeretlisTAV17 [275], GoldwaserS17 [350], GilesH16 [340], MurphyMB15 [625], Derrien15 [244], GrimesH15 [360], PengLC14 [687], DejemeppeD14 [240]... (Total: 53) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | constraint programming | BonninMNE24 [154], abs-2402-00459 [647], LuZZYW24 [564], PrataAN23 [710], ForbesHJST24 [303], IsikYA23 [445], AfsarVPG23 [12], AalianPG23 [1], abs-2312-13682 [690], AbreuPNF23 [5], CzerniachowskaWZ23 [222], MontemanniD23 [617], AkramNHRSA23 [19], abs-2306-05747 [818], Fatemi-AnarakiTFV23 [294], NaderiRR23 [637], ZhuSZW23 [930], Adelgren2023 [11], TasselGS23 [817], JuvinHL23 [458], abs-2305-19888 [408], LacknerMMWW23 [515], GurPAE23 [374], WessenCSFPM23 [887], PovedaAA23 [707], YuraszeckMCCR23 [908], JuvinHL23a [459], Mehdizadeh-Somarin23 [592], MarliereSPR23 [587]... (Total: 341) | FalqueALM24 [291], KameugneFND23 [464], AlfieriGPS23 [25], SquillaciPR23 [798], NaderiBZR23 [632], YuraszeckMC23 [906], ShaikhK23 [779], EfthymiouY23 [267], GokPTGO23 [348], WangB23 [880], JungblutK22 [453], NaqviAIAAA22 [638], LuoB22 [570], OuelletQ22 [672], VlkHT21 [873], KoehlerBFFHPSSS21 [483], Zahout21 [909], HanenKP21 [387], LacknerMMWW21 [514], GeibingerMM21 [331], GeibingerKKMMW21 [328], KlankeBYE21 [479], NattafM20 [645], Mercier-AubinGQ20 [602], ThomasKS20 [827], WessenCS20 [886], QinDCS20 [717], FachiniA20 [285], MejiaY20 [593]... (Total: 182) | LiLZDZW24 [530], BofillCGGPSV23 [141], GuoZ23 [373], TardivoDFMP23 [815], IklassovMR023 [444], SvancaraB22 [807], KotaryFH22 [490], ElciOH22 [268], abs-2102-08778 [217], BadicaBI20 [55], GokGSTO20 [347], CarlierPSJ20 [187], ColT2019a [223], PachecoPR19 [678], FrimodigS19 [312], BadicaBIL19 [56], HoYCLLCLC18 [420], GombolayWS18 [353], Tesch18 [824], GoldwaserS17 [350], Hooker17 [431], BofillCSV17 [143], BridiLBBM16 [167], NattafALR16 [642], LimHTB16 [535], KinsellaS0OS16 [477], TranDRFWOVB16 [838], AmadiniGM16 [27], Bonfietti16 [146]... (Total: 121) |
| Concepts | constraint satisfaction | abs-2211-14492 [804], Lemos21 [524], Godet21a [344], ZarandiASC20 [912], LiuLH19a [542], Madi-WambaLOBM17 [574], HookerH17 [436], Fahimi16 [286], ZarandiKS16 [911], Siala15a [784], Derrien15 [244], Kameugne14 [461], ZhangLS12 [924], Clercq12 [235], BartakS11 [78], TrojetHL11 [847], Schutt11 [765], HeckmanB11 [401], BartakCS10 [77], ChenGPSH10 [203], Lombardi10 [548], BartakSR10 [79], Salido10 [757], BartakSR08 [83], KovacsV04 [496], BarbulescuWH04 [72], DilkinaH04 [249], KanetAG04 [468], Demassey03 [241]... (Total: 57) | ZhuSZW23 [930], JuvinHHL23 [456], TardivoDFMP23 [815], Astrand21 [50], FallahiAC20 [290], Caballero19 [174], abs-1902-01193 [20], LiuLH19 [543], TangLWSK18 [814], GokgurHO18 [349], German18 [335], GelainPRVW17 [333], SchuttS16 [774], JelinekB16 [450], Dejemeppe16 [238], Froger16 [313], MurphyMB15 [625], GayHLS15 [322], GrimesH15 [360], ChunS14 [207], OzturkTHO13 [676], HeinzSB13 [406], SchuttFS13 [768], Letort13 [525], HeinzB12 [402], LombardiM12 [555], KovacsK11 [495], LiuW11 [545], KelbelH11 [470]... (Total: 74) | ForbesHJST24 [303], FalqueALM24 [291], LuZZYW24 [564], GokPTGO23 [348], IsikYA23 [445], CzerniachowskaWZ23 [222], JuvinHL23a [459], MarliereSPR23 [587], Bit-Monnot23 [132], FrimodigECM23 [311], ShaikhK23 [779], NaderiRR23 [637], GeitzGSSW22 [332], SvancaraB22 [807], ZhangBB22 [921], ColT22 [224], LuoB22 [570], EmdeZD22 [274], JuvinHL22 [457], FetgoD22 [298], KotaryFH22 [490], KoehlerBFFHPSSS21 [483], Groleaz21 [363], ZhangYW21 [922], PandeyS21a [680], AstrandJZ20 [53], Mercier-AubinGQ20 [602], BarzegaranZP20 [84], ZouZ20 [933]... (Total: 206) |
| Concepts | continuous-process | HarjunkoskiMBC14 [390] | | FarsiTM22 [293], Dejemeppe16 [238], GaySS14 [325], RoePS05 [741], MaraveliasCG04 [585], Bartak02 [75], SimonisC95 [793] |
| Concepts | cyclic scheduling | WessenCSFPM23 [887], OzturkTHO15 [677], BonfiettiLBM14 [149], HarjunkoskiMBC14 [390], BonfiettiLM13 [150], BonfiettiLBM12 [148], LombardiBMB11 [550], BonfiettiLBM11 [147], DraperJCJ99 [261] | Fatemi-AnarakiTFV23 [294], BonfiettiZLM16 [153], BonfiettiM12 [152], HladikCDJ08 [419], KorbaaYG99 [487], RodosekW98 [735] | AlakaP23 [22], YuraszeckMPV22 [907], Alaka21 [21], WallaceY20 [877], MengZRZL20 [599], AlakaPY19 [23], MusliuSS18 [630], FrankDT16 [307], OzturkTHO13 [676], OzturkTHO12 [674], Menana11 [594], Malik08 [583], Wallace06 [876], Mason01 [591] |
| Concepts | distributed | PrataAN23 [710], GuoZ23 [373], NaderiRR23 [637], MengGRZSC22 [597], Zahout21 [909], ZarandiASC20 [912], MengZRZL20 [599], He0GLW18 [395], GombolayWS18 [353], TranPZLDB18 [839], RoshanaeiLAU17 [744], BridiBLMB16 [166], BridiLBBM16 [167], ZhouGL15 [928], AlesioBNG15 [24], TerekhovTDB14 [822], BonfiettiLM14 [151], BartakS11 [78], LombardiMRB10 [558], BartakSR10 [79], WuBB09 [898], RuggieroBBMA09 [748], HladikCDJ08 [419], HoeveGSL07 [859], BeckW07 [102], SultanikMR07 [802], ElhouraniDM07 [270], RossiTHP07 [746], SureshMOK06 [806]... (Total: 37) | AbreuPNF23 [5], GokPTGO23 [348], AbreuNP23 [234], ShaikhK23 [779], MarliereSPR23 [587], IsikYA23 [445], NaderiBZ22a [631], AbreuN22 [233], OujanaAYB22 [673], YuraszeckMPV22 [907], JungblutK22 [453], OrnekOS20 [669], ElciOH22 [268], RoshanaeiN21 [745], HamP21 [381], Godet21a [344], AbreuAPNM21 [232], MokhtarzadehTNF20 [613], GokGSTO20 [347], RoshanaeiBAUB20 [742], ZouZ20 [933], Caballero19 [174], NishikawaSTT19 [650], BorghesiBLMB18 [157], ZhangW18 [923], GomesM17 [355], EmeretlisTAV17 [275], BlomPS16 [136], ZarandiKS16 [911]... (Total: 55) | LiLZDZW24 [530], LuZZYW24 [564], ForbesHJST24 [303], NaderiBZR23 [632], Adelgren2023 [11], abs-2305-19888 [408], SquillaciPR23 [798], Fatemi-AnarakiTFV23 [294], YuraszeckMC23 [906], KimCMLLP23 [476], JuvinHL23a [459], NaderiBZ23 [634], Bit-Monnot23 [132], MontemanniD23 [617], ZhuSZW23 [930], AlfieriGPS23 [25], FrimodigECM23 [311], WessenCSFPM23 [887], IklassovMR023 [444], GurPAE23 [374], AkramNHRSA23 [19], abs-2211-14492 [804], EmdeZD22 [274], BoudreaultSLQ22 [160], NaqviAIAAA22 [638], BulckG22 [855], HeinzNVH22 [407], JuvinHL22 [457], NaderiBZ22 [633]... (Total: 172) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | due-date | NaderiBZ23 [634], AfsarVPG23 [12], AwadMDMT22 [54], OujanaAYB22 [673], ColT22 [224], NaderiBZ22 [633], RoshanaeiN21 [745], Groleaz21 [363], AntuoriHHEN21 [32], FanXG21 [292], ZarandiASC20 [912], TangB20 [813], Mercier-AubinGQ20 [602], AntunesABD20 [30], AntuoriHHEN20 [31], HauderBRPA20 [394], Lunardi20 [568], HoundjiSW19 [438], Novas19 [652], abs-1902-09244 [393], abs-1911-04766 [329], GoldwaserS18 [351], Tesch18 [824], GoldwaserS17 [350], Fahimi16 [286], NovaraNH16 [651], Dejemeppe16 [238], BajestaniB15 [59], DoulabiRP14 [259]... (Total: 73) | PrataAN23 [710], IsikYA23 [445], LacknerMMWW23 [515], NaderiRR23 [637], abs-2211-14492 [804], YunusogluY22 [905], WinterMMW22 [889], Godet21a [344], LacknerMMWW21 [514], GeibingerMM21 [331], GroleazNS20a [364], GeibingerMM19 [330], AntunesABD18 [29], FahimiOQ18 [287], CatusseCBL16 [193], ZarandiKS16 [911], RiiseML16 [732], GrimesH15 [360], GrimesIOS14 [362], PengLC14 [687], HeinzSB13 [406], CobanH11 [215], GrimesH11 [359], LiuW11 [545], Malapert11 [578], MakMS10 [577], SchuttW10 [775], LombardiM10a [552], Lombardi10 [548]... (Total: 54) | abs-2402-00459 [647], AbreuPNF23 [5], KimCMLLP23 [476], YuraszeckMC23 [906], JuvinHHL23 [456], TouatBT22 [834], ElciOH22 [268], SubulanC22 [801], MullerMKP22 [622], YuraszeckMPV22 [907], ZhangJZL22 [920], HanenKP21 [387], Astrand21 [50], VlkHT21 [873], KlankeBYE21 [479], Bedhief21 [103], KovacsTKSG21 [498], HubnerGSV21 [440], Zahout21 [909], MengLZB21 [598], MejiaY20 [593], Polo-MejiaALB20 [704], GroleazNS20 [365], AstrandJZ20 [53], LunardiBLRV20 [567], PachecoPR19 [678], EscobetPQPRA19 [279], TanZWGQ19 [812], Hooker19 [432]... (Total: 110) |
| Concepts | earliness | PrataAN23 [710], KimCMLLP23 [476], TouatBT22 [834], PohlAK22 [702], Groleaz21 [363], HauderBRPA20 [394], ZarandiASC20 [912], abs-1902-09244 [393], LaborieRSV18 [512], ZarandiKS16 [911], Dejemeppe16 [238], GrimesH15 [360], LaborieR14 [513], LombardiM12 [555], KelbelH11 [470], GrimesH11 [359], ZeballosNH11 [917], Laborie09 [510], MonetteDH09 [615], KeriK07 [473], BeckR03 [99], DannaP03 [226] | FarsiTM22 [293], AntunesABD20 [30], MengZRZL20 [599], TerekhovDOB12 [821], KovacsB11 [493], Davenport10 [229], PerronSF04 [692], Baptiste02 [62] | abs-2402-00459 [647], NaderiRR23 [637], PenzDN23 [688], AlfieriGPS23 [25], IsikYA23 [445], AbreuNP23 [234], LacknerMMWW23 [515], AbreuPNF23 [5], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], YunusogluY22 [905], MengLZB21 [598], LacknerMMWW21 [514], FanXG21 [292], Mercier-AubinGQ20 [602], Polo-MejiaALB20 [704], ColT19 [218], ColT2019a [223], AntunesABD18 [29], German18 [335], GokgurHO18 [349], ZhangW18 [923], KuB16 [502], OrnekO16 [668], NovaraNH16 [651], Siala15a [784], VilimLS15 [871], LimBTBB15 [537], Siala15 [783]... (Total: 54) |
| Concepts | energy efficiency | PrataAN23 [710], PandeyS21a [680], LimBTBB15a [536], RuggieroBBMA09 [748] | MarliereSPR23 [587], Zahout21 [909], BenediktMH20 [116], BridiBLMB16 [166], Lombardi10 [548] | LuZZYW24 [564], IsikYA23 [445], AbreuNP23 [234], abs-2211-14492 [804], Lemos21 [524], MengZRZL20 [599], ZarandiASC20 [912], TranPZLDB18 [839], NattafAL17 [641], Dejemeppe16 [238], LombardiMB13 [557], LombardiM12 [555], BeniniLMR11 [123] |
| Concepts | explanation | Bit-Monnot23 [132], Godet21a [344], YangSS19 [899], KreterSSZ18 [501], SchnellH17 [764], HookerH17 [436], KreterSS17 [500], SchuttS16 [774], Siala15a [784], SchnellH15 [763], SialaAH15 [785], KreterSS15 [499], SchuttFSW13 [772], SchuttFS13a [767], SchuttFS13 [768], HeinzB12 [402], SchuttCSW12 [766], SchuttFSW11 [771], HeinzS11 [405], Schutt11 [765], abs-1009-0347 [770], Lombardi10 [548], SchuttFSW09 [769], HladikCDJ08 [419], CambazardJ05 [177], Hooker05 [424], Vilim05 [865], CambazardHDJT04 [176], Elkhyari03 [271]... (Total: 36) | LuZZYW24 [564], LacknerMMWW23 [515], Caballero19 [174], EmeretlisTAV17 [275], CappartS17 [179], Froger16 [313], HeinzKB13 [403], BeniniLMR11 [123], BeniniLMMR08 [121], BeckW07 [102], Rodriguez07 [737], BeckW05 [101], BosiM2001 [158], BeckF00a [96], BeckF99 [95], ChunCTY99 [206], Simonis99 [790], MorgadoM97 [618], BeckDF97 [90], MintonJPL92 [611], MintonJPL90 [610] | BonninMNE24 [154], MontemanniD23a [616], EfthymiouY23 [267], KameugneFND23 [464], IsikYA23 [445], abs-2305-19888 [408], MarliereSPR23 [587], FetgoD22 [298], CampeauG22 [178], OrnekOS20 [669], BoudreaultSLQ22 [160], ColT22 [224], HeinzNVH22 [407], ArmstrongGOS22 [39], BenderWS21 [114], VlkHT21 [873], Groleaz21 [363], Lemos21 [524], AbohashimaEG21 [4], RoshanaeiN21 [745], abs-2102-08778 [217], ZouZ20 [933], WallaceY20 [877], GroleazNS20 [365], ZarandiASC20 [912], HauderBRPA20 [394], QinDCS20 [717], Lunardi20 [568], abs-1911-04766 [329]... (Total: 124) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | flow-shop | BonninMNE24 [154], PrataAN23 [710], LiLZDZW24 [530], NaderiRR23 [637], IsikYA23 [445], AbreuPNF23 [5], CzerniachowskaWZ23 [222], AlfieriGPS23 [25], AbreuNP23 [234], JuvinHL23 [458], LiFJZLL22 [531], ArmstrongGOS22 [39], AbreuN22 [233], OujanaAYB22 [673], ColT22 [224], ZhangJZL22 [920], MengLZB21 [598], Astrand21 [50], Bedhief21 [103], Groleaz21 [363], QinWSLS21 [716], ArmstrongGOS21 [38], AbreuAPNM21 [232], MengZRZL20 [599], AstrandJZ20 [53], ZarandiASC20 [912], Lunardi20 [568], Novas19 [652], ParkUJR19 [685]... (Total: 42) | Mehdizadeh-Somarin23 [592], JuvinHL23a [459], NaderiBZ23 [634], YuraszeckMPV22 [907], NaderiBZ22 [633], MengGRZSC22 [597], JuvinHL22 [457], KoehlerBFFHPSSS21 [483], FanXG21 [292], Godet21a [344], TangB20 [813], HauderBRPA20 [394], abs-1902-09244 [393], TanZWGQ19 [812], GombolayWS18 [353], LaborieRSV18 [512], Fahimi16 [286], Dejemeppe16 [238], GuyonLPR12 [375], GrimesH11 [359], KovacsB11 [493], ZeballosCM10 [914], BartakSR10 [79], BartakSR08 [83], RoePS05 [741], JainM99 [447], BaptistePN99 [66], AggounB93 [13] | LuZZYW24 [564], TasselGS23 [817], abs-2305-19888 [408], YuraszeckMCCR23 [908], JuvinHHL23 [456], AfsarVPG23 [12], WessenCSFPM23 [887], AalianPG23 [1], abs-2306-05747 [818], abs-2211-14492 [804], TouatBT22 [834], Teppan22 [820], NaderiBZ22a [631], HeinzNVH22 [407], AwadMDMT22 [54], LacknerMMWW21 [514], abs-2102-08778 [217], Zahout21 [909], KovacsTKSG21 [498], PandeyS21a [680], HamPK21 [382], HillTV21 [418], WallaceY20 [877], SacramentoSP20 [751], LunardiBLRV20 [567], WikarekS19 [888], TanT18 [810], RiahiNS018 [730], GokgurHO18 [349]... (Total: 71) |
| Concepts | flow-time | BonninMNE24 [154], PenzDN23 [688], EmdeZD22 [274], YuraszeckMPV22 [907], FanXG21 [292], NattafM20 [645], ZarandiASC20 [912], MalapertN19 [582], ZhangW18 [923], TerekhovTDB14 [822], TranTDB13 [840], WuBB09 [898], Baptiste02 [62] | PrataAN23 [710], AlfieriGPS23 [25], YunusogluY22 [905], Malapert11 [578], BeckW07 [102] | YuraszeckMCCR23 [908], TasselGS23 [817], abs-2306-05747 [818], IklassovMR023 [444], YuraszeckMC23 [906], LiFJZLL22 [531], AbreuN22 [233], KoehlerBFFHPSSS21 [483], MengZRZL20 [599], Novas19 [652], ParkUJR19 [685], BajestaniB15 [59], MenciaSV13 [596], MenciaSV12 [595], KovacsB11 [493], EdisO11 [264], Salido10 [757], QuirogaZH05 [720], BeckPS03 [98], BeckR03 [99], BeckDDF98 [89], FoxS90 [306] |
| Concepts | inventory | LuZZYW24 [564], GuoZ23 [373], SubulanC22 [801], Astrand21 [50], German18 [335], GilesH16 [340], GoelSHFS15 [346], HarjunkoskiMBC14 [390], SerraNM12 [778], TerekhovDOB12 [821], LopesCSM10 [559], Jans09 [449], RossiTHP07 [746], RoePS05 [741], Timpe02 [829], Beck99 [85], BeckDDF98 [89], BeckDSF97 [91], MurphyRFSS97 [624], BeckDF97 [90] | Adelgren2023 [11], EmdeZD22 [274], ZarandiASC20 [912], Ham20a [378], Hooker19 [432], Novas19 [652], Ham18a [377], HamFC17 [380], BajestaniB13 [58], MakMS10 [577], MouraSCL08a [620], LauLN08 [520], DavenportKRSH07 [230], GarganiR07 [319], MaraveliasCG04 [585], BeckF00 [97], Simonis99 [790], BlazewiczDP96 [173], Simonis95a [788], Hamscher91 [386] | PrataAN23 [710], PerezGSL23 [689], abs-2312-13682 [690], AlfieriGPS23 [25], ZhuSZW23 [930], GokPTGO23 [348], GurPAE23 [374], AwadMDMT22 [54], PohlAK22 [702], YunusogluY22 [905], AbreuN22 [233], Groleaz21 [363], KovacsTKSG21 [498], HubnerGSV21 [440], RoshanaeiN21 [745], GroleazNS20 [365], FachiniA20 [285], HauderBRPA20 [394], GroleazNS20a [364], YounespourAKE19 [902], HoundjiSW19 [438], abs-1902-09244 [393], WikarekS19 [888], Ham18 [383], LaborieRSV18 [512], ShinBBHO18 [782], GomesM17 [355], KinsellaS0OS16 [477], Nattaf16 [639]... (Total: 64) |
| Concepts | job | PrataAN23 [710], ForbesHJST24 [303], abs-2402-00459 [647], LiLZDZW24 [530], JuvinHHL23 [456], YuraszeckMC23 [906], AfsarVPG23 [12], ZhuSZW23 [930], Mehdizadeh-Somarin23 [592], AbreuNP23 [234], abs-2306-05747 [818], NaderiRR23 [637], TasselGS23 [817], YuraszeckMCCR23 [908], AbreuPNF23 [5], PenzDN23 [688], AlfieriGPS23 [25], LacknerMMWW23 [515], Bit-Monnot23 [132], Fatemi-AnarakiTFV23 [294], IklassovMR023 [444], KimCMLLP23 [476], IsikYA23 [445], WangB23 [880], CzerniachowskaWZ23 [222], JuvinHL23 [458], JuvinHL23a [459], NaderiBZ23 [634], TouatBT22 [834]... (Total: 328) | BonninMNE24 [154], LuZZYW24 [564], ShaikhK23 [779], EfthymiouY23 [267], MarliereSPR23 [587], abs-2305-19888 [408], Adelgren2023 [11], LuoB22 [570], BourreauGGLT22 [162], HeinzNVH22 [407], RoshanaeiN21 [745], Lemos21 [524], HanenKP21 [387], Mercier-AubinGQ20 [602], CarlierPSJ20 [187], MokhtarzadehTNF20 [613], GokGSTO20 [347], RoshanaeiBAUB20 [742], TanZWGQ19 [812], ArkhipovBL19 [37], EscobetPQPRA19 [279], Tom19 [830], GurEA19 [934], German18 [335], PourDERB18 [706], BukchinR18 [171], NattafAL17 [641], CappartS17 [179], RoshanaeiLAU17 [744]... (Total: 81) | FalqueALM24 [291], NaderiBZR23 [632], GuoZ23 [373], GokPTGO23 [348], PovedaAA23 [707], WessenCSFPM23 [887], PohlAK22 [702], CampeauG22 [178], NaqviAIAAA22 [638], Edis21 [263], AntuoriHHEN21 [32], BenderWS21 [114], KlankeBYE21 [479], HubnerGSV21 [440], QinDCS20 [717], AntuoriHHEN20 [31], WessenCS20 [886], Polo-MejiaALB20 [704], PachecoPR19 [678], SunTB19 [803], FrimodigS19 [312], ShinBBHO18 [782], TangLWSK18 [814], BaptisteB18 [64], HoYCLLCLC18 [420], CauwelaertLS18 [196], TranVNB17 [841], GedikKBR17 [327], NovaraNH16 [651]... (Total: 111) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | job-shop | abs-2402-00459 [647], PrataAN23 [710], TasselGS23 [817], AbreuNP23 [234], Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], ZhuSZW23 [930], KimCMLLP23 [476], CzerniachowskaWZ23 [222], YuraszeckMCCR23 [908], abs-2306-05747 [818], JuvinHL23a [459], IklassovMR023 [444], JuvinHHL23 [456], AfsarVPG23 [12], Bit-Monnot23 [132], NaderiRR23 [637], KotaryFH22 [490], NaderiBZ22a [631], ColT22 [224], MengGRZSC22 [597], AwadMDMT22 [54], GeitzGSSW22 [332], JuvinHL22 [457], Teppan22 [820], OujanaAYB22 [673], LiFJZLL22 [531], MullerMKP22 [622], ZhangBB22 [921]... (Total: 165) | AbreuPNF23 [5], PenzDN23 [688], IsikYA23 [445], NaderiBZ23 [634], EfthymiouY23 [267], AlfieriGPS23 [25], YunusogluY22 [905], LuoB22 [570], NaderiBZ22 [633], EtminaniesfahaniGNMS22 [282], TouatBT22 [834], AbreuN22 [233], QinWSLS21 [716], ArmstrongGOS21 [38], RoshanaeiN21 [745], KoehlerBFFHPSSS21 [483], Godet21a [344], Astrand0F21 [51], GroleazNS20 [365], MejiaY20 [593], SacramentoSP20 [751], ArkhipovBL19 [37], WikarekS19 [888], EscobetPQPRA19 [279], GokgurHO18 [349], German18 [335], HamFC17 [380], CappartS17 [179], MossigeGSMC17 [619]... (Total: 72) | ForbesHJST24 [303], LuZZYW24 [564], BonninMNE24 [154], PovedaAA23 [707], MarliereSPR23 [587], GuoZ23 [373], LacknerMMWW23 [515], JuvinHL23 [458], Adelgren2023 [11], WessenCSFPM23 [887], ShaikhK23 [779], GokPTGO23 [348], YuraszeckMC23 [906], Tassel22 [816], EmdeZD22 [274], AntuoriHHEN21 [32], Zahout21 [909], HanenKP21 [387], Lemos21 [524], KlankeBYE21 [479], WallaceY20 [877], HauderBRPA20 [394], AntuoriHHEN20 [31], GokGSTO20 [347], Ham20a [378], CarlierPSJ20 [187], RoshanaeiBAUB20 [742], BenediktMH20 [116], WessenCS20 [886]... (Total: 135) |
| Concepts | lateness | AwadMDMT22 [54], Groleaz21 [363], FahimiOQ18 [287], Dejemeppe16 [238], Fahimi16 [286], KoschB14 [489], ZampelliVSDR13 [910], Malapert11 [578], BartakSR10 [79], Geske05 [336], Baptiste02 [62], ArtiguesR00 [48], BlazewiczDP96 [173] | PrataAN23 [710], PohlAK22 [702], ZarandiASC20 [912], AntunesABD20 [30], ZhangW18 [923], HarjunkoskiMBC14 [390], MilanoW09 [609], AkkerDH07 [856], MilanoW06 [608], RoePS05 [741], Sadykov04 [753], FoxS90 [306] | LacknerMMWW23 [515], NaderiBZ23 [634], YunusogluY22 [905], ZhangBB22 [921], NaderiBZ22 [633], GeitzGSSW22 [332], ColT22 [224], LacknerMMWW21 [514], Godet21a [344], HanenKP21 [387], KoehlerBFFHPSSS21 [483], QinWSLS21 [716], Lunardi20 [568], Novas19 [652], ParkUJR19 [685], ArkhipovBL19 [37], AntunesABD18 [29], Tesch18 [824], BartakV15 [80], GrimesH15 [360], MenciaSV13 [596], MenciaSV12 [595], TerekhovDOB12 [821], EdisO11 [264], ZeballosNH11 [917], ChenGPSH10 [203], NovasH10 [653], WuBB09 [898], BartakSR08 [83]... (Total: 33) |
| Concepts | machine | LiLZDZW24 [530], abs-2402-00459 [647], BonninMNE24 [154], PrataAN23 [710], Fatemi-AnarakiTFV23 [294], YuraszeckMCCR23 [908], JuvinHL23a [459], ZhuSZW23 [930], JuvinHHL23 [456], abs-2312-13682 [690], LacknerMMWW23 [515], AlfieriGPS23 [25], AfsarVPG23 [12], KimCMLLP23 [476], IklassovMR023 [444], JuvinHL23 [458], GuoZ23 [373], PerezGSL23 [689], NaderiBZ23 [634], abs-2305-19888 [408], PenzDN23 [688], FrimodigECM23 [311], AalianPG23 [1], AbreuPNF23 [5], IsikYA23 [445], CzerniachowskaWZ23 [222], AbreuNP23 [234], Adelgren2023 [11], NaderiRR23 [637]... (Total: 304) | ForbesHJST24 [303], GurPAE23 [374], Bit-Monnot23 [132], AkramNHRSA23 [19], GokPTGO23 [348], LuoB22 [570], OrnekOS20 [669], EtminaniesfahaniGNMS22 [282], ElciOH22 [268], KlankeBYE21 [479], Lemos21 [524], AbohashimaEG21 [4], HillTV21 [418], HamP21 [381], RoshanaeiN21 [745], Alaka21 [21], CarlierPSJ20 [187], Polo-MejiaALB20 [704], RoshanaeiBAUB20 [742], AntuoriHHEN20 [31], UnsalO19 [851], BehrensLM19 [105], SenderovichBB19 [777], BaptisteB18 [64], BukchinR18 [171], ShinBBHO18 [782], FahimiOQ18 [287], GoldwaserS18 [351], He0GLW18 [395]... (Total: 95) | LuZZYW24 [564], MarliereSPR23 [587], ShaikhK23 [779], AlakaP23 [22], NaderiBZR23 [632], KameugneFND23 [464], MontemanniD23 [617], BoudreaultSLQ22 [160], PopovicCGNC22 [705], SubulanC22 [801], NaqviAIAAA22 [638], PohlAK22 [702], GeibingerMM21 [331], ArtiguesHQT21 [45], Mercier-AubinGQ20 [602], WallaceY20 [877], BarzegaranZP20 [84], WangB20 [879], FachiniA20 [285], AlakaPY19 [23], BadicaBIL19 [56], NishikawaSTT19 [650], ArkhipovBL19 [37], YounespourAKE19 [902], YangSS19 [899], NattafHKAL19 [644], Tom19 [830], AntunesABD18 [29], HoYCLLCLC18 [420]... (Total: 162) |
| Concepts | make to order | | | OujanaAYB22 [673], Simonis07 [791], DavenportKRSH07 [230], HookerO99 [433] |
| Concepts | make to stock | | | HarjunkoskiMBC14 [390] |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | make-span | PrataAN23 [710], LiLZDZW24 [530], Mehdizadeh-Somarin23 [592], IklassovMR023 [444], EfthymiouY23 [267], PovedaAA23 [707], JuvinHL23a [459], abs-2306-05747 [818], CzerniachowskaWZ23 [222], JuvinHHL23 [456], AlfieriGPS23 [25], abs-2305-19888 [408], Bit-Monnot23 [132], AbreuNP23 [234], AfsarVPG23 [12], AalianPG23 [1], AbreuPNF23 [5], YuraszeckMC23 [906], ZhuSZW23 [930], IsikYA23 [445], JuvinHL23 [458], NaderiRR23 [637], TasselGS23 [817], LacknerMMWW23 [515], WessenCSFPM23 [887], AbreuN22 [233], ZhangBB22 [921], HeinzNVH22 [407], NaderiBZ22a [631]... (Total: 236) | BonninMNE24 [154], KameugneFND23 [464], YuraszeckMCCR23 [908], abs-2312-13682 [690], PerezGSL23 [689], PenzDN23 [688], Adelgren2023 [11], MullerMKP22 [622], SvancaraB22 [807], abs-2211-14492 [804], YuraszeckMPV22 [907], ZhangJZL22 [920], OujanaAYB22 [673], LiFJZLL22 [531], PandeyS21a [680], FanXG21 [292], QinDCS20 [717], NattafDYW19 [643], AstrandJZ18 [52], Ham18a [377], KreterSS17 [500], YoungFS17 [903], RoshanaeiLAU17 [744], GingrasQ16 [341], KuB16 [502], BonfiettiZLM16 [153], HamC16 [384], BajestaniB15 [59], GayHLS15 [322]... (Total: 71) | ForbesHJST24 [303], AlakaP23 [22], KimCMLLP23 [476], NaderiBZ23 [634], GokPTGO23 [348], GuoZ23 [373], TardivoDFMP23 [815], Fatemi-AnarakiTFV23 [294], JungblutK22 [453], PopovicCGNC22 [705], FetgoD22 [298], NaderiBZ22 [633], Teppan22 [820], CampeauG22 [178], EmdeZD22 [274], KoehlerBFFHPSSS21 [483], HanenKP21 [387], HamP21 [381], HubnerGSV21 [440], CarlierPSJ20 [187], SacramentoSP20 [751], Mercier-AubinGQ20 [602], TangB20 [813], NattafM20 [645], Ham20a [378], CauwelaertDS20 [197], NishikawaSTT19 [650], MurinR19 [623], abs-1911-04766 [329]... (Total: 126) |
| Concepts | manpower | NovaraNH16 [651] | LaborieRSV18 [512], Froger16 [313], ZeballosNH11 [917] | BourreauGGLT22 [162], BadicaBI20 [55], MokhtarzadehTNF20 [613], HauderBRPA20 [394], WikarekS19 [888], BaptisteB18 [64], MusliuSS18 [630], ErkingerM17 [277], SchuttS16 [774], HechingH16 [400], GayHS15a [324], GaySS14 [325], HarjunkoskiMBC14 [390], Clercq12 [235], GuyonLPR12 [375], LombardiM12 [555], Menana11 [594], Vilim11 [868], SimonisH11 [794], MeskensDHG11 [603], ChenGPSH10 [203], NovasH10 [653], MaraveliasCG04 [585], Simonis99 [790], NuijtenP98 [659], MorgadoM97 [618], LeeKLKKYHP97 [523], SimonisC95 [793], Simonis95a [788], Puget95 [713] |
| Concepts | multi-agent | SvancaraB22 [807], Zahout21 [909], ZarandiASC20 [912], BehrensLM19 [105], GombolayWS18 [353], He0GLW18 [395], HoeveGSL07 [859], SultanikMR07 [802] | Lemos21 [524], MokhtarzadehTNF20 [613], abs-1901-07914 [106], TranVNB17 [841], LimHTB16 [535], BartakSR10 [79], BocewiczBB09 [137], Hunsberger08 [441] | abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], ZhuSZW23 [930], WessenCSFPM23 [887], IklassovMR023 [444], Mehdizadeh-Somarin23 [592], SquillaciPR23 [798], GokPTGO23 [348], AbreuAPNM21 [232], MengLZB21 [598], ZhangYW21 [922], GokGSTO20 [347], MejiaY20 [593], Ham20a [378], WessenCS20 [886], BadicaBIL19 [56], WikarekS19 [888], TanZWGQ19 [812], ZhangW18 [923], HookerH17 [436], LimBTBB15 [537], LimBTBB15a [536], KoschB14 [489], BartakS11 [78], Salido10 [757], Jans09 [449], ElhouraniDM07 [270], GomesHS06 [354], AbrilSB05 [6]... (Total: 36) |
| Concepts | multi-objective | LuZZYW24 [564], IsikYA23 [445], AfsarVPG23 [12], FarsiTM22 [293], MengGRZSC22 [597], SubulanC22 [801], YunusogluY22 [905], HamPK21 [382], Lemos21 [524], Edis21 [263], ZarandiASC20 [912], Tom19 [830], TangLWSK18 [814], Dejemeppe16 [238], Froger16 [313], TopaloglU11 [831], ZeballosQH10 [918] | PrataAN23 [710], AbreuPNF23 [5], GurPAE23 [374], CzerniachowskaWZ23 [222], AlakaP23 [22], FrimodigECM23 [311], LacknerMMWW23 [515], NaderiBZ22a [631], AbreuN22 [233], ZhangJZL22 [920], LiFJZLL22 [531], OrnekOS20 [669], AbreuAPNM21 [232], FanXG21 [292], Alaka21 [21], QinWSLS21 [716], AbohashimaEG21 [4], Zahout21 [909], MengLZB21 [598], ZhangYW21 [922], ZouZ20 [933], Lunardi20 [568], MejiaY20 [593], MengZRZL20 [599], KletzanderM20 [481], EscobetPQPRA19 [279], YounespourAKE19 [902], PourDERB18 [706], CappartTSR18 [180]... (Total: 34) | abs-2402-00459 [647], GokPTGO23 [348], SquillaciPR23 [798], YuraszeckMCCR23 [908], MarliereSPR23 [587], AlfieriGPS23 [25], GuoZ23 [373], MullerMKP22 [622], abs-2211-14492 [804], NaqviAIAAA22 [638], TouatBT22 [834], ColT22 [224], OujanaAYB22 [673], BoudreaultSLQ22 [160], KletzanderMH21 [482], ArmstrongGOS21 [38], Astrand21 [50], KoehlerBFFHPSSS21 [483], GroleazNS20a [364], SacramentoSP20 [751], Polo-MejiaALB20 [704], HauderBRPA20 [394], KucukY19 [507], Novas19 [652], TanZWGQ19 [812], GurEA19 [934], abs-1911-04766 [329], FrohnerTR19 [314], AlakaPY19 [23]... (Total: 70) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | net present value | ThiruvadyWGS14 [826], GuSS13 [368], GuSW12 [370], SchuttCSW12 [766] | CampeauG22 [178], HillTV21 [418], KelarevaTK13 [469] | abs-2402-00459 [647], EtminaniesfahaniGNMS22 [282], Astrand21 [50], AstrandJZ20 [53], ZarandiASC20 [912], LaborieRSV18 [512], MossigeGSMC17 [619], HookerH17 [436], SchnellH17 [764], SzerediS16 [808], SchuttS16 [774], SchnellH15 [763], BlomBPS14 [135], LaborieR14 [513], SchuttFS13 [768], Lombardi10 [548] |
| Concepts | no preempt | | | ColT22 [224], TouatBT22 [834], FanXG21 [292], Bedhief21 [103], Lunardi20 [568], MengZRZL20 [599], ParkUJR19 [685], NattafALR16 [642], TerekhovTDB14 [822], OddiRCS11 [664], LombardiMRB10 [558], LiW08 [529], BeckW07 [102], MonetteDD07 [614], Baptiste02 [62], ArtiguesR00 [48], BruckerK00 [169] |
| Concepts | no-wait | PrataAN23 [710], Fatemi-AnarakiTFV23 [294], IsikYA23 [445], NaderiRR23 [637], AbreuNP23 [234], AlfieriGPS23 [25], HubnerGSV21 [440], VlkHT21 [873], ZarandiASC20 [912], Novas19 [652], GrimesH15 [360], GrimesH11 [359], GrimesH10 [358], AkkerDH07 [856] | MengGRZSC22 [597], AbreuN22 [233], AbreuAPNM21 [232], MengZRZL20 [599], MejiaY20 [593], MokhtarzadehTNF20 [613], Dejemeppe16 [238], Malapert11 [578] | WessenCSFPM23 [887], AbreuPNF23 [5], MarliereSPR23 [587], NaderiBZ23 [634], YuraszeckMPV22 [907], ArmstrongGOS22 [39], EmdeZD22 [274], MullerMKP22 [622], AwadMDMT22 [54], BourreauGGLT22 [162], LiFJZLL22 [531], FarsiTM22 [293], NaderiBZ22 [633], Bedhief21 [103], HauderBRPA20 [394], abs-1902-09244 [393], RiahiNS018 [730], ZhangW18 [923], ArbaouiY18 [35], WangMD15 [881], NovasH12 [654], ZeballosNH11 [917], HermenierDL11 [415], NovasH10 [653], RodriguezS09 [740], Rodriguez07b [738], LammaMM97 [518], BlazewiczDP96 [173], BrusoniCLMMT96 [170] |
| Concepts | one-machine scheduling | MilanoW09 [609], MilanoW06 [608], BlazewiczDP96 [173] | ZhangBB22 [921], Schutt11 [765], Baptiste02 [62] | PenzDN23 [688], ColT22 [224], Astrand21 [50], FanXG21 [292], KoehlerBFFHPSSS21 [483], ZarandiASC20 [912], Hooker19 [432], HookerH17 [436], MelgarejoLS15 [16], BeniniLMR11 [123], ArtiguesF07 [44], SadykovW06 [754], ChuX05 [205], BeckW04 [100], Sadykov04 [753], ArtiguesBF04 [42], HookerO03 [434], BosiM2001 [158], JainM99 [447] |
| Concepts | online scheduling | TerekhovTDB14 [822], GetoorOFC97 [337] | Mehdizadeh-Somarin23 [592], Zahout21 [909], Groleaz21 [363] | PrataAN23 [710], MullerMKP22 [622], RoshanaeiN21 [745], VlkHT21 [873], NishikawaSTT19 [650], TranPZLDB18 [839], HebrardHJMPV16 [397], LimHTB16 [535], LimBTBB15a [536], ZhouGL15 [928], DoomsH08 [255], ElkhyariGJ02a [273], DincbasS91 [251] |
| Concepts | open-shop | PrataAN23 [710], AbreuPNF23 [5], NaderiRR23 [637], Bit-Monnot23 [132], AbreuNP23 [234], AbreuN22 [233], YuraszeckMPV22 [907], AbreuAPNM21 [232], Groleaz21 [363], ZarandiASC20 [912], MejiaY20 [593], Lunardi20 [568], FahimiOQ18 [287], Fahimi16 [286], Siala15 [783], GrimesH15 [360], Siala15a [784], MalapertCGJLR13 [580], MalapertCGJLR12 [579], Malapert11 [578], GrimesHM09 [361], OhrimenkoSC09 [666], MonetteDD07 [614], Laborie05 [509], Elkhyari03 [271], LorigeonBB02 [561], JussienL02 [455], Baptiste02 [62], FocacciLN00 [300] | ZhuSZW23 [930], Godet21a [344], Astrand21 [50], SacramentoSP20 [751], MengZRZL20 [599], Dejemeppe16 [238], TerekhovDOB12 [821], Schutt11 [765], GrimesH10 [358], Vilim05 [865], Demassey03 [241], Dorndorf2000 [258], JainM99 [447] | BonninMNE24 [154], NaderiBZ23 [634], YuraszeckMCCR23 [908], YuraszeckMC23 [906], KimCMLLP23 [476], ShaikhK23 [779], AfsarVPG23 [12], NaderiBZ22 [633], OujanaAYB22 [673], EtminaniesfahaniGNMS22 [282], EmdeZD22 [274], ColT22 [224], Astrand0F21 [51], abs-2102-08778 [217], AstrandJZ20 [53], ColT2019a [223], ParkUJR19 [685], GombolayWS18 [353], HookerH17 [436], AlesioBNG15 [24], SialaAH15 [785], Derrien15 [244], AlesioNBG14 [247], BonfiettiLM14 [151], BillautHL12 [131], PacinoH11 [679], GrimesH11 [359], SchuttFSW11 [771], ChenGPSH10 [203]... (Total: 43) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | order | PrataAN23 [710], abs-2402-00459 [647], LuZZYW24 [564], LiLZDZW24 [530], BonninMNE24 [154], GokPTGO23 [348], ZhuSZW23 [930], AbreuNP23 [234], Fatemi-AnarakiTFV23 [294], Adelgren2023 [11], abs-2306-05747 [818], PerezGSL23 [689], NaderiBZ23 [634], abs-2312-13682 [690], AalianPG23 [1], AbreuPNF23 [5], MarliereSPR23 [587], YuraszeckMCCR23 [908], GuoZ23 [373], EfthymiouY23 [267], TasselGS23 [817], JuvinHL23 [458], FrimodigECM23 [311], LacknerMMWW23 [515], WessenCSFPM23 [887], IsikYA23 [445], IklassovMR023 [444], PenzDN23 [688], PovedaAA23 [707]... (Total: 523) | FalqueALM24 [291], ForbesHJST24 [303], YuraszeckMC23 [906], GurPAE23 [374], abs-2305-19888 [408], MontemanniD23a [616], NaderiRR23 [637], TardivoDFMP23 [815], NaderiBZR23 [632], ShaikhK23 [779], NaqviAIAAA22 [638], SvancaraB22 [807], ElciOH22 [268], JungblutK22 [453], ZhangBB22 [921], ArmstrongGOS22 [39], WinterMMW22 [889], OrnekOS20 [669], TouatBT22 [834], OuelletQ22 [672], HeinzNVH22 [407], RoshanaeiN21 [745], HillTV21 [418], abs-2102-08778 [217], BenderWS21 [114], GeibingerMM21 [331], Alaka21 [21], QinDCS20 [717], GokGSTO20 [347]... (Total: 139) | Mehdizadeh-Somarin23 [592], AlakaP23 [22], MontemanniD23 [617], BofillCGGPSV23 [141], AkramNHRSA23 [19], ZhangJZL22 [920], BulckG22 [855], JuvinHL22 [457], Tassel22 [816], NaderiBZ22a [631], AbohashimaEG21 [4], MengLZB21 [598], ZhangYW21 [922], MokhtarzadehTNF20 [613], RoshanaeiBAUB20 [742], GalleguillosKSB19 [317], AlakaPY19 [23], abs-1902-01193 [20], BhatnagarKL19 [128], KucukY19 [507], ArbaouiY18 [35], BenediktSMVH18 [117], AgussurjaKL18 [17], He0GLW18 [395], SchnellH17 [764], TranVNB17a [842], Hooker17 [431], KinsellaS0OS16 [477], BridiLBBM16 [167]... (Total: 94) |
| Concepts | order scheduling | TerekhovDOB12 [821] | PrataAN23 [710], AbreuPNF23 [5] | QinWSLS21 [716], AbreuAPNM21 [232], DoRZ08 [253] |
| Concepts | periodic | SquillaciPR23 [798], Groleaz21 [363], Lemos21 [524], BonfiettiZLM16 [153], Fahimi16 [286], AlesioBNG15 [24], AlesioNBG14 [247], BonfiettiLBM14 [149], TerekhovTDB14 [822], BonfiettiLM13 [150], TranTDB13 [840], SimoninAHL12 [786], BonfiettiLBM12 [148], LiuW11 [545], LombardiBMB11 [550], Lombardi10 [548], HladikCDJ08 [419], Johnston05 [212], CambazardHDJT04 [176], SchildW00 [762], KorbaaYG99 [487], PembertonG98 [686] | Mehdizadeh-Somarin23 [592], TouatBT22 [834], VlkHT21 [873], Astrand21 [50], Bonfietti16 [146], BajestaniB15 [59], HarjunkoskiMBC14 [390], BonfiettiLBM11 [147], NovasH10 [653], Davenport10 [229], BocewiczBB09 [137], BeniniLMR08 [122], BeniniBGM05 [118] | FalqueALM24 [291], CzerniachowskaWZ23 [222], PenzDN23 [688], AkramNHRSA23 [19], abs-2306-05747 [818], Adelgren2023 [11], WessenCSFPM23 [887], AbreuPNF23 [5], NaderiBZR23 [632], TasselGS23 [817], FarsiTM22 [293], OrnekOS20 [669], PopovicCGNC22 [705], AbreuAPNM21 [232], Godet21a [344], AntunesABD20 [30], AntuoriHHEN20 [31], AstrandJZ20 [53], Polo-MejiaALB20 [704], ZarandiASC20 [912], Caballero19 [174], TanZWGQ19 [812], NattafDYW19 [643], EscobetPQPRA19 [279], CappartTSR18 [180], AntunesABD18 [29], TranPZLDB18 [839], AstrandJZ18 [52], LaborieRSV18 [512]... (Total: 76) |
| Concepts | planned maintenance | | Malapert11 [578], Davenport10 [229] | TouatBT22 [834], KovacsTKSG21 [498], Astrand21 [50], AntunesABD20 [30], BajestaniB15 [59], AkkerDH07 [856] |
| Concepts | precedence | BonninMNE24 [154], LuZZYW24 [564], abs-2402-00459 [647], WessenCSFPM23 [887], MarliereSPR23 [587], AlfieriGPS23 [25], AlakaP23 [22], NaderiRR23 [637], YuraszeckMCCR23 [908], PovedaAA23 [707], JuvinHHL23 [456], ZhuSZW23 [930], IsikYA23 [445], KotaryFH22 [490], PohlAK22 [702], CampeauG22 [178], YunusogluY22 [905], ZhangBB22 [921], NaderiBZ22a [631], BoudreaultSLQ22 [160], FetgoD22 [298], MengGRZSC22 [597], EtminaniesfahaniGNMS22 [282], GeibingerMM21 [331], Alaka21 [21], Edis21 [263], HanenKP21 [387], Astrand0F21 [51], Astrand21 [50]... (Total: 217) | TardivoDFMP23 [815], Bit-Monnot23 [132], GokPTGO23 [348], KameugneFND23 [464], JuvinHL23a [459], SubulanC22 [801], OujanaAYB22 [673], ColT22 [224], HamP21 [381], VlkHT21 [873], AntuoriHHEN21 [32], Zahout21 [909], WessenCS20 [886], Ham20a [378], MokhtarzadehTNF20 [613], GokGSTO20 [347], QinDCS20 [717], GeibingerMM19 [330], Novas19 [652], abs-1911-04766 [329], SunTB19 [803], BogaerdtW19 [857], MurinR19 [623], ColT19 [218], BhatnagarKL19 [128], TanT18 [810], Ham18 [383], KameugneFGOQ18 [463], Madi-WambaLOBM17 [574]... (Total: 99) | PrataAN23 [710], BofillCGGPSV23 [141], JuvinHL23 [458], AfsarVPG23 [12], NaderiBZR23 [632], IklassovMR023 [444], TasselGS23 [817], Mehdizadeh-Somarin23 [592], abs-2306-05747 [818], YuraszeckMC23 [906], KimCMLLP23 [476], abs-2305-19888 [408], MullerMKP22 [622], JuvinHL22 [457], EmdeZD22 [274], ZhangJZL22 [920], TouatBT22 [834], WinterMMW22 [889], BourreauGGLT22 [162], GeitzGSSW22 [332], abs-2211-14492 [804], HeinzNVH22 [407], AwadMDMT22 [54], KovacsTKSG21 [498], Lemos21 [524], PandeyS21a [680], AbreuAPNM21 [232], AntunesABD20 [30], GroleazNS20a [364]... (Total: 131) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | preempt | BonninMNE24 [154], JuvinHL23a [459], JuvinHHL23 [456], PovedaAA23 [707], SubulanC22 [801], AwadMDMT22 [54], JuvinHL22 [457], Groleaz21 [363], HanenKP21 [387], ArtiguesHQT21 [45], Godet21a [344], ZarandiASC20 [912], Polo-MejiaALB20 [704], NattafHKAL19 [644], BaptisteB18 [64], GokgurHO18 [349], FahimiOQ18 [287], ZarandiKS16 [911], Fahimi16 [286], NattafALR16 [642], Dejemeppe16 [238], AlesioBNG15 [24], EvenSH15 [283], EvenSH15a [284], AlesioNBG14 [247], UnsalO13 [850], LombardiMB13 [557], MenciaSV12 [595], LombardiM12 [555]... (Total: 50) | PrataAN23 [710], Adelgren2023 [11], abs-2305-19888 [408], AbreuPNF23 [5], FetgoD22 [298], HeinzNVH22 [407], OuelletQ22 [672], Zahout21 [909], Astrand21 [50], Edis21 [263], CarlierPSJ20 [187], LunardiBLRV20 [567], SacramentoSP20 [751], Mercier-AubinGQ20 [602], Lunardi20 [568], Caballero19 [174], ArkhipovBL19 [37], GombolayWS18 [353], HamFC17 [380], YoungFS17 [903], OrnekO16 [668], SchnellH15 [763], NattafAL15 [640], OzturkTHO15 [677], SimoninAHL15 [787], TerekhovTDB14 [822], ArtiguesL14 [46], MenciaSV13 [596], BajestaniB13 [58]... (Total: 49) | Mehdizadeh-Somarin23 [592], KameugneFND23 [464], abs-2306-05747 [818], PenzDN23 [688], YuraszeckMC23 [906], YuraszeckMCCR23 [908], AbreuNP23 [234], ZhuSZW23 [930], IsikYA23 [445], AfsarVPG23 [12], AalianPG23 [1], NaderiRR23 [637], TasselGS23 [817], TardivoDFMP23 [815], AkramNHRSA23 [19], IklassovMR023 [444], ZhangBB22 [921], MullerMKP22 [622], JungblutK22 [453], Teppan22 [820], EtminaniesfahaniGNMS22 [282], ColT22 [224], YunusogluY22 [905], AbreuN22 [233], NaderiBZ22a [631], TouatBT22 [834], GeitzGSSW22 [332], BoudreaultSLQ22 [160], OujanaAYB22 [673]... (Total: 176) |
| Concepts | preemptive | BonninMNE24 [154], PovedaAA23 [707], JuvinHL23a [459], JuvinHHL23 [456], JuvinHL22 [457], AwadMDMT22 [54], ArtiguesHQT21 [45], HanenKP21 [387], Godet21a [344], Polo-MejiaALB20 [704], ZarandiASC20 [912], NattafHKAL19 [644], GokgurHO18 [349], BaptisteB18 [64], Dejemeppe16 [238], Fahimi16 [286], EvenSH15 [283], EvenSH15a [284], AlesioNBG14 [247], LombardiMB13 [557], UnsalO13 [850], MenciaSV12 [595], LombardiM12 [555], Schutt11 [765], KovacsB11 [493], BeldiceanuCDP11 [109], Lombardi10 [548], BartakSR10 [79], ClautiauxJCM08 [211]... (Total: 44) | PrataAN23 [710], AbreuPNF23 [5], Adelgren2023 [11], Groleaz21 [363], Edis21 [263], Mercier-AubinGQ20 [602], CarlierPSJ20 [187], SacramentoSP20 [751], ArkhipovBL19 [37], Caballero19 [174], FahimiOQ18 [287], YoungFS17 [903], HamFC17 [380], NattafALR16 [642], ZarandiKS16 [911], OrnekO16 [668], OzturkTHO15 [677], NattafAL15 [640], MenciaSV13 [596], OzturkTHO13 [676], BajestaniB13 [58], ZampelliVSDR13 [910], OzturkTHO12 [674], Malapert11 [578], SchuttFSW11 [771], LombardiMRB10 [558], ChenGPSH10 [203], Wolf09 [895], Laborie09 [510]... (Total: 36) | IklassovMR023 [444], AalianPG23 [1], NaderiRR23 [637], Mehdizadeh-Somarin23 [592], abs-2305-19888 [408], PenzDN23 [688], YuraszeckMC23 [906], AbreuN22 [233], SubulanC22 [801], EtminaniesfahaniGNMS22 [282], NaderiBZ22a [631], ColT22 [224], HeinzNVH22 [407], MullerMKP22 [622], GeitzGSSW22 [332], ZhangYW21 [922], HillTV21 [418], AbreuAPNM21 [232], ArmstrongGOS21 [38], QinWSLS21 [716], HubnerGSV21 [440], Zahout21 [909], KovacsTKSG21 [498], BenderWS21 [114], BenediktMH20 [116], MejiaY20 [593], CauwelaertDS20 [197], GroleazNS20a [364], GroleazNS20 [365]... (Total: 141) |
| Concepts | producer/consumer | SchuttS16 [774], PoderBS04 [701], Kumar03 [505], Beck99 [85], SimonisC95 [793] | HermenierDL11 [415], BeldiceanuC02 [108], Simonis99 [790], Simonis95a [788] | GeitzGSSW22 [332], KlankeBYE21 [479], CappartTSR18 [180], BlomPS16 [136], LombardiM12a [554], Wolf11 [892], SimonisH11 [794], LombardiMRB10 [558], ChenGPSH10 [203], PoderB08 [700], Simonis07 [791], PolicellaWSO05 [703], Timpe02 [829], SimonisCK00 [792], Simonis95 [789] |
| Concepts | re-scheduling | Fatemi-AnarakiTFV23 [294], MarliereSPR23 [587], Astrand21 [50], Groleaz21 [363], Lemos21 [524], HamPK21 [382], BarzegaranZP20 [84], ZarandiASC20 [912], ZhangW18 [923], CappartS17 [179], Madi-WambaLOBM17 [574], Froger16 [313], BartakV15 [80], GrimesIOS14 [362], HarjunkoskiMBC14 [390], ChunS14 [207], BajestaniB13 [58], TranTDB13 [840], LombardiM12 [555], RendlPHPR12 [729], IfrimOS12 [443], NovasH10 [653], BidotVLB09 [130], KusterJF07 [506], BidotVLB07 [129], Laborie03 [508], Baptiste02 [62], MartinPY01 [589], ArtiguesR00 [48] | Mehdizadeh-Somarin23 [592], NaderiBZR23 [632], NaderiBZ22a [631], KovacsTKSG21 [498], Zahout21 [909], AstrandJZ20 [53], AntunesABD20 [30], RoshanaeiBAUB20 [742], BhatnagarKL19 [128], GombolayWS18 [353], AgussurjaKL18 [17], HoYCLLCLC18 [420], AntunesABD18 [29], TranPZLDB18 [839], FrankDT16 [307], KinsellaS0OS16 [477], HurleyOS16 [442], LimHTB16 [535], LimBTBB15 [537], CobanH11 [215], Lombardi10 [548], CobanH10 [214], Acuna-AgostMFG09 [9], Johnston05 [212], Elkhyari03 [271], DraperJCJ99 [261], Beck99 [85], JoLLH99 [451], MorgadoM97 [618]... (Total: 32) | ForbesHJST24 [303], PrataAN23 [710], abs-2306-05747 [818], GurPAE23 [374], PerezGSL23 [689], abs-2312-13682 [690], EfthymiouY23 [267], TasselGS23 [817], abs-2305-19888 [408], ShaikhK23 [779], NaderiRR23 [637], GokPTGO23 [348], Adelgren2023 [11], JuvinHL23a [459], ZhuSZW23 [930], BourreauGGLT22 [162], HeinzNVH22 [407], LuoB22 [570], PohlAK22 [702], FarsiTM22 [293], JuvinHL22 [457], YuraszeckMPV22 [907], ArmstrongGOS22 [39], YunusogluY22 [905], RoshanaeiN21 [745], KlankeBYE21 [479], ZhangYW21 [922], PandeyS21a [680], MejiaY20 [593]... (Total: 118) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | reactive scheduling | NovasH10 [653], JoLLH99 [451] | Groleaz21 [363], ZarandiASC20 [912], BartakV15 [80], HarjunkoskiMBC14 [390], ChunCTY99 [206], Prosser89 [712] | Mehdizadeh-Somarin23 [592], HubnerGSV21 [440], FanXG21 [292], Lunardi20 [568], EscobetPQPRA19 [279], Fahimi16 [286], Froger16 [313], NovasH14 [655], BonfiettiLM14 [151], BajestaniB13 [58], LombardiM12 [555], BillautHL12 [131], NovasH12 [654], LopesCSM10 [559], ZeballosCM10 [914], BidotVLB09 [130], MouraSCL08a [620], KusterJF07 [506], BidotVLB07 [129], BeckW07 [102], Elkhyari03 [271], Baptiste02 [62], SakkoutW00 [756], BeckF00 [97], PapaB98 [684], BeckDDF98 [89], NuijtenP98 [659], Wallace96 [875], FoxS90 [306] |
| Concepts | release-date | BonninMNE24 [154], YunusogluY22 [905], YuraszeckMPV22 [907], WinterMMW22 [889], EmdeZD22 [274], JuvinHL22 [457], Groleaz21 [363], HanenKP21 [387], Bedhief21 [103], CarlierPSJ20 [187], Polo-MejiaALB20 [704], EscobetPQPRA19 [279], Tesch18 [824], KameugneFSN14 [467], ArtiguesLH13 [47], LimtanyakulS12 [539], SerraNM12 [778], TerekhovDOB12 [821], KovacsB11 [493], KameugneFSN11 [466], Lombardi10 [548], BartakSR10 [79], LombardiM10a [552], abs-0907-0939 [696], MercierH08 [600], KovacsB07 [491], Hooker07 [429], MercierH07 [601], AkkerDH07 [856]... (Total: 41) | PrataAN23 [710], LacknerMMWW23 [515], JuvinHL23a [459], ArtiguesHQT21 [45], LacknerMMWW21 [514], Godet21a [344], GroleazNS20a [364], AntuoriHHEN20 [31], GroleazNS20 [365], ZarandiASC20 [912], ArkhipovBL19 [37], abs-1911-04766 [329], GeibingerMM19 [330], Dejemeppe16 [238], HeinzSB13 [406], KelbelH11 [470], Beck10 [88], MilanoW09 [609], Laborie09 [510], BartakSR08 [83], Simonis07 [791], Limtanyakul07 [538], MilanoW06 [608], Hooker06 [427], WuBB05 [897], Hooker05a [425], PolicellaWSO05 [703], Sadykov04 [753], HarjunkoskiG02 [388]... (Total: 36) | ForbesHJST24 [303], Adelgren2023 [11], PovedaAA23 [707], PenzDN23 [688], IsikYA23 [445], YuraszeckMC23 [906], PohlAK22 [702], TouatBT22 [834], AwadMDMT22 [54], Zahout21 [909], AntuoriHHEN21 [32], GeibingerMM21 [331], HillTV21 [418], AbreuAPNM21 [232], Astrand21 [50], ZhangYW21 [922], KovacsTKSG21 [498], GodetLHS20 [345], MejiaY20 [593], Lunardi20 [568], Hooker19 [432], Novas19 [652], NattafHKAL19 [644], PachecoPR19 [678], UnsalO19 [851], Caballero19 [174], abs-1902-09244 [393], TanT18 [810], KreterSSZ18 [501]... (Total: 103) |
| Concepts | resource | LuZZYW24 [564], ForbesHJST24 [303], BonninMNE24 [154], PrataAN23 [710], abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], PovedaAA23 [707], AlakaP23 [22], GuoZ23 [373], NaderiRR23 [637], GokPTGO23 [348], MarliereSPR23 [587], YuraszeckMCCR23 [908], CzerniachowskaWZ23 [222], JuvinHL23a [459], TardivoDFMP23 [815], JuvinHHL23 [456], WessenCSFPM23 [887], ShaikhK23 [779], WangB23 [880], KameugneFND23 [464], NaderiBZ23 [634], abs-2305-19888 [408], AlfieriGPS23 [25], AalianPG23 [1], GurPAE23 [374], AbreuPNF23 [5], AbreuN22 [233], YunusogluY22 [905]... (Total: 502) | FalqueALM24 [291], Adelgren2023 [11], TasselGS23 [817], AbreuNP23 [234], abs-2306-05747 [818], Caballero23 [175], FrimodigECM23 [311], AfsarVPG23 [12], abs-2312-13682 [690], PerezGSL23 [689], IsikYA23 [445], NaderiBZR23 [632], Bit-Monnot23 [132], ElciOH22 [268], PohlAK22 [702], MullerMKP22 [622], SvancaraB22 [807], abs-2211-14492 [804], YuraszeckMPV22 [907], KotaryFH22 [490], WinterMMW22 [889], Edis21 [263], HamP21 [381], KlankeBYE21 [479], Astrand0F21 [51], LunardiBLRV20 [567], WallaceY20 [877], Ham20a [378], TangB20 [813]... (Total: 89) | AkramNHRSA23 [19], MontemanniD23 [617], PenzDN23 [688], IklassovMR023 [444], SquillaciPR23 [798], ZhuSZW23 [930], ZhangJZL22 [920], EmdeZD22 [274], Tassel22 [816], Teppan22 [820], JungblutK22 [453], PopovicCGNC22 [705], ArmstrongGOS22 [39], AntuoriHHEN21 [32], FanXG21 [292], HamPK21 [382], AbreuAPNM21 [232], AbohashimaEG21 [4], KoehlerBFFHPSSS21 [483], abs-2102-08778 [217], ArmstrongGOS21 [38], MejiaY20 [593], BarzegaranZP20 [84], FachiniA20 [285], NattafM20 [645], KletzanderM20 [481], ThomasKS20 [827], HoundjiSW19 [438], ColT2019a [223]... (Total: 90) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | scheduling | PrataAN23 [710], ForbesHJST24 [303], abs-2402-00459 [647], LiLZDZW24 [530], LuZZYW24 [564], BonninMNE24 [154], ZhuSZW23 [930], IsikYA23 [445], abs-2306-05747 [818], JuvinHHL23 [456], TardivoDFMP23 [815], Fatemi-AnarakiTFV23 [294], Mehdizadeh-Somarin23 [592], KimCMLLP23 [476], FrimodigECM23 [311], LacknerMMWW23 [515], GurPAE23 [374], AlfieriGPS23 [25], WessenCSFPM23 [887], IklassovMR023 [444], WangB23 [880], Bit-Monnot23 [132], abs-2305-19888 [408], abs-2312-13682 [690], PerezGSL23 [689], NaderiBZ23 [634], AlakaP23 [22], GuoZ23 [373], KameugneFND23 [464]... (Total: 733) | FalqueALM24 [291], HebrardALLCMR22 [396], Alaka21 [21], AlakaPY19 [23], LiuLH19a [542], BukchinR18 [171], Kameugne15 [462], GayHS15 [323], BessiereHMQW14 [127], HoundjiSWD14 [439], LetortCB13 [527], LetortBC12 [526], ClercqPBJ11 [213], ChapadosJR11 [202], Baptiste09 [63], Acuna-AgostMFG09 [9], abs-0907-0939 [696], GomesHS06 [354], HebrardTW05 [398], MoffittPP05 [612], WuBB05 [897], DilkinaDH05 [248], ValleMGT03 [854], Vilim03 [863], HookerY02 [437], BenoistGR02 [124], Vilim02 [862], RodriguezDG02 [739], BeldiceanuC01 [107]... (Total: 32) | Hooker17 [431], AchterbergBKW08 [8], RossiTHP07 [746], CambazardJ05 [177], AbrilSB05 [6], WolfS05a [893], Hooker05b [426], VanczaM01 [860], LeeKLKKYHP97 [523], Davis87 [231] |
| Concepts | sequence dependent setup | Groleaz21 [363], GedikKEK18 [326], TranAB16 [836], HamC16 [384], TranB12 [837], Wolf11 [892], ArtiguesF07 [44], FocacciLN00 [300] | IsikYA23 [445], YuraszeckMPV22 [907], GeitzGSSW22 [332], MengLZB21 [598], CauwelaertDS20 [197], MengZRZL20 [599], ZarandiASC20 [912], RiahiNS018 [730], Dejemeppe16 [238], GrimesH15 [360], LombardiM12 [555], Simonis07 [791], ArtiguesBF04 [42] | PrataAN23 [710], GuoZ23 [373], abs-2305-19888 [408], Adelgren2023 [11], NaderiRR23 [637], YunusogluY22 [905], PohlAK22 [702], HeinzNVH22 [407], OujanaAYB22 [673], NaderiBZ22a [631], Astrand21 [50], ArmstrongGOS21 [38], Bedhief21 [103], HamPK21 [382], Mercier-AubinGQ20 [602], MejiaY20 [593], RoshanaeiBAUB20 [742], MalapertN19 [582], Novas19 [652], KucukY19 [507], Hooker19 [432], PachecoPR19 [678], ArbaouiY18 [35], LaborieRSV18 [512], FahimiOQ18 [287], Ham18 [383], GedikKBR17 [327], EmeretlisTAV17 [275], RoshanaeiLAU17 [744]... (Total: 52) |
| Concepts | setup-time | PrataAN23 [710], NaderiBZ23 [634], AbreuPNF23 [5], abs-2305-19888 [408], AbreuNP23 [234], NaderiRR23 [637], IsikYA23 [445], LacknerMMWW23 [515], ColT22 [224], NaderiBZ22 [633], WinterMMW22 [889], YuraszeckMPV22 [907], MengGRZSC22 [597], GeitzGSSW22 [332], OujanaAYB22 [673], YunusogluY22 [905], PohlAK22 [702], HeinzNVH22 [407], AbreuN22 [233], AwadMDMT22 [54], Groleaz21 [363], MengLZB21 [598], Astrand21 [50], LacknerMMWW21 [514], GroleazNS20 [365], Mercier-AubinGQ20 [602], LunardiBLRV20 [567], ZarandiASC20 [912], MengZRZL20 [599]... (Total: 72) | Adelgren2023 [11], PenzDN23 [688], GokPTGO23 [348], ZhuSZW23 [930], AlfieriGPS23 [25], CzerniachowskaWZ23 [222], KimCMLLP23 [476], LiFJZLL22 [531], Bedhief21 [103], ArmstrongGOS21 [38], FanXG21 [292], AbreuAPNM21 [232], AstrandJZ20 [53], LaborieRSV18 [512], HookerH17 [436], NovaraNH16 [651], OrnekO16 [668], HamC16 [384], GaySS14 [325], PengLC14 [687], KelarevaTK13 [469], OzturkTHO13 [676], ZampelliVSDR13 [910], Malapert11 [578], Wolf11 [892], ThiruvadyBME09 [825], BeniniBGM06 [120], HarjunkoskiG02 [388], Timpe02 [829]... (Total: 31) | AfsarVPG23 [12], Mehdizadeh-Somarin23 [592], GuoZ23 [373], NaderiBZR23 [632], EfthymiouY23 [267], YuraszeckMCCR23 [908], JuvinHL23 [458], JuvinHL23a [459], Fatemi-AnarakiTFV23 [294], FrimodigECM23 [311], JuvinHHL23 [456], abs-2211-14492 [804], ZhangJZL22 [920], Teppan22 [820], NaderiBZ22a [631], JuvinHL22 [457], MullerMKP22 [622], ZhangYW21 [922], AbohashimaEG21 [4], RoshanaeiN21 [745], BenderWS21 [114], HamPK21 [382], Polo-MejiaALB20 [704], HauderBRPA20 [394], MokhtarzadehTNF20 [613], GokGSTO20 [347], GodetLHS20 [345], RoshanaeiBAUB20 [742], Caballero19 [174]... (Total: 95) |
| Concepts | single-machine scheduling | PenzDN23 [688], TouatBT22 [834], ZarandiASC20 [912], BajestaniB15 [59] | PrataAN23 [710], AlfieriGPS23 [25], Groleaz21 [363], BenediktMH20 [116], BogaerdtW19 [857], TerekhovDOB12 [821], KovacsB11 [493], WuBB09 [898], JainM99 [447] | LuZZYW24 [564], BonninMNE24 [154], Fatemi-AnarakiTFV23 [294], Mehdizadeh-Somarin23 [592], ZhangJZL22 [920], PohlAK22 [702], ElciOH22 [268], EmdeZD22 [274], HillTV21 [418], QinWSLS21 [716], KoehlerBFFHPSSS21 [483], HamPK21 [382], PandeyS21a [680], NattafHKAL19 [644], NattafDYW19 [643], Tom19 [830], Hooker19 [432], MalapertN19 [582], BenediktSMVH18 [117], TanT18 [810], Tesch18 [824], GomesM17 [355], HamFC17 [380], ZarandiKS16 [911], TranWDRFOVB16 [843], TranAB16 [836], DoulabiRP16 [260], BurtLPS15 [172], LaborieR14 [513]... (Total: 51) |
| Concepts | single-stage scheduling | | HarjunkoskiG02 [388] | TerekhovDOB12 [821] |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | stochastic | ForbesHJST24 [303], NaderiBZ23 [634], AfsarVPG23 [12], GuoZ23 [373], NaderiBZR23 [632], AlakaP23 [22], GurPAE23 [374], GokPTGO23 [348], PenzDN23 [688], NaderiBZ22 [633], SubulanC22 [801], ElciOH22 [268], Astrand21 [50], Edis21 [263], Groleaz21 [363], RoshanaeiBAUB20 [742], AntuoriHHEN20 [31], ZarandiASC20 [912], Hooker19 [432], TranPZLDB18 [839], ShinBBHO18 [782], Froger16 [313], LombardiBM15 [549], HarjunkoskiMBC14 [390], BonfiettiLM14 [151], TerekhovTDB14 [822], BajestaniB13 [58], LombardiMB13 [557], SchausHMCMD11 [761]... (Total: 45) | YuraszeckMC23 [906], FrimodigECM23 [311], FarsiTM22 [293], OrnekOS20 [669], YuraszeckMPV22 [907], HubnerGSV21 [440], Alaka21 [21], AntuoriHHEN21 [32], AstrandJZ20 [53], Lunardi20 [568], SacramentoSP20 [751], GurEA19 [934], AlakaPY19 [23], ParkUJR19 [685], FrimodigS19 [312], SenderovichBB19 [777], LaborieRSV18 [512], ZhangW18 [923], RoshanaeiLAU17 [744], HookerH17 [436], RiiseML16 [732], LimHTB16 [535], DoulabiRP16 [260], BajestaniB15 [59], TranTDB13 [840], LombardiM12a [554], CobanH11 [215], LombardiM10 [553], WuBB09 [898]... (Total: 37) | PrataAN23 [710], LuZZYW24 [564], AlfieriGPS23 [25], AbreuPNF23 [5], Mehdizadeh-Somarin23 [592], JuvinHL23 [458], JuvinHL23a [459], AbreuNP23 [234], IklassovMR023 [444], KotaryFH22 [490], CampeauG22 [178], ZhangJZL22 [920], PopovicCGNC22 [705], LiFJZLL22 [531], PohlAK22 [702], NaderiBZ22a [631], AbreuN22 [233], EmdeZD22 [274], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], Tassel22 [816], MullerMKP22 [622], FanXG21 [292], VlkHT21 [873], RoshanaeiN21 [745], AbohashimaEG21 [4], AbreuAPNM21 [232], Lemos21 [524], GokGSTO20 [347]... (Total: 119) |
| Concepts | stock level | LopesCSM10 [559], SimonisC95 [793] | German18 [335], RossiTHP07 [746], Timpe02 [829], Simonis99 [790] | UnsalO19 [851], QinDS16 [718], KhemmoudjPB06 [475], SimonisCK00 [792], Beck99 [85], RoweJCA96 [747], Simonis95a [788] |
| Concepts | sustainability | | | LuZZYW24 [564], MontemanniD23a [616], AbreuPNF23 [5], PenzDN23 [688], CzerniachowskaWZ23 [222], MontemanniD23 [617], Mehdizadeh-Somarin23 [592], PopovicCGNC22 [705], MullerMKP22 [622], BenediktMH20 [116], HoYCLLCLC18 [420], Froger16 [313], BridiBLMB16 [166], Madi-WambaB16 [573], GrimesIOS14 [362], IfrimOS12 [443] |
| Concepts | tardiness | PrataAN23 [710], NaderiRR23 [637], IsikYA23 [445], KimCMLLP23 [476], AlfieriGPS23 [25], GokPTGO23 [348], NaderiBZ23 [634], LacknerMMWW23 [515], AbreuPNF23 [5], OujanaAYB22 [673], AwadMDMT22 [54], PohlAK22 [702], TouatBT22 [834], AbreuN22 [233], WinterMMW22 [889], YunusogluY22 [905], NaderiBZ22 [633], abs-2211-14492 [804], FanXG21 [292], MengLZB21 [598], AntuoriHHEN21 [32], Groleaz21 [363], LacknerMMWW21 [514], ZarandiASC20 [912], Mercier-AubinGQ20 [602], TangB20 [813], AntuoriHHEN20 [31], HauderBRPA20 [394], GroleazNS20a [364]... (Total: 72) | abs-2402-00459 [647], AbreuNP23 [234], PenzDN23 [688], SubulanC22 [801], FarsiTM22 [293], ElciOH22 [268], EmdeZD22 [274], ColT22 [224], KovacsTKSG21 [498], AbreuAPNM21 [232], GroleazNS20 [365], GokGSTO20 [347], Lunardi20 [568], GokgurHO18 [349], GedikKEK18 [326], Hooker17 [431], CireCH16 [210], TranAB16 [836], ThiruvadyWGS14 [826], TerekhovTDB14 [822], HarjunkoskiMBC14 [390], HamdiL13 [385], BajestaniB13 [58], Malapert11 [578], NovasH10 [653], BartakSR10 [79], Beck06 [86], QuirogaZH05 [720], GodardLN05 [343]... (Total: 35) | JuvinHL23 [458], Mehdizadeh-Somarin23 [592], TasselGS23 [817], IklassovMR023 [444], abs-2306-05747 [818], LiFJZLL22 [531], ZhangJZL22 [920], EtminaniesfahaniGNMS22 [282], NaderiBZ22a [631], MengGRZSC22 [597], VlkHT21 [873], KoehlerBFFHPSSS21 [483], HanenKP21 [387], HamPK21 [382], Astrand21 [50], HubnerGSV21 [440], Bedhief21 [103], GeibingerMM21 [331], QinWSLS21 [716], QinDCS20 [717], MejiaY20 [593], LunardiBLRV20 [567], Polo-MejiaALB20 [704], Tom19 [830], SunTB19 [803], Novas19 [652], ZhangW18 [923], RiahiNS018 [730], KreterSSZ18 [501]... (Total: 93) |
| Concepts | task | PrataAN23 [710], FalqueALM24 [291], BonninMNE24 [154], LuZZYW24 [564], ForbesHJST24 [303], abs-2402-00459 [647], JuvinHHL23 [456], YuraszeckMCCR23 [908], AfsarVPG23 [12], KameugneFND23 [464], GokPTGO23 [348], AkramNHRSA23 [19], CzerniachowskaWZ23 [222], Adelgren2023 [11], AlakaP23 [22], WangB23 [880], PovedaAA23 [707], JuvinHL23 [458], Fatemi-AnarakiTFV23 [294], abs-2305-19888 [408], WessenCSFPM23 [887], LiFJZLL22 [531], OuelletQ22 [672], HeinzNVH22 [407], ColT22 [224], AwadMDMT22 [54], ElciOH22 [268], KotaryFH22 [490], NaderiBZ22a [631]... (Total: 332) | JuvinHL23a [459], IklassovMR023 [444], MontemanniD23a [616], Bit-Monnot23 [132], IsikYA23 [445], SquillaciPR23 [798], FrimodigECM23 [311], NaderiBZR23 [632], MontemanniD23 [617], LacknerMMWW23 [515], ShaikhK23 [779], WinterMMW22 [889], PopovicCGNC22 [705], AbreuN22 [233], MengGRZSC22 [597], FarsiTM22 [293], OujanaAYB22 [673], Tassel22 [816], YuraszeckMPV22 [907], MullerMKP22 [622], SvancaraB22 [807], HubnerGSV21 [440], BenderWS21 [114], GeibingerMM21 [331], BadicaBI20 [55], BarzegaranZP20 [84], WallaceY20 [877], ZouZ20 [933], Polo-MejiaALB20 [704]... (Total: 97) | LiLZDZW24 [530], BofillCGGPSV23 [141], ZhuSZW23 [930], TardivoDFMP23 [815], PerezGSL23 [689], GuoZ23 [373], abs-2306-05747 [818], MarliereSPR23 [587], NaderiRR23 [637], TasselGS23 [817], EfthymiouY23 [267], abs-2312-13682 [690], Mehdizadeh-Somarin23 [592], ZhangBB22 [921], Teppan22 [820], NaqviAIAAA22 [638], ZhangJZL22 [920], EmdeZD22 [274], ArmstrongGOS22 [39], abs-2102-08778 [217], ZhangYW21 [922], FanXG21 [292], HamPK21 [382], AntuoriHHEN21 [32], MengLZB21 [598], AbreuAPNM21 [232], LacknerMMWW21 [514], AstrandJZ20 [53], SacramentoSP20 [751]... (Total: 149) |

Table 11: Works for Concepts of Type Concepts (Total 75 Concepts, 75 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Concepts | temporal constraint reasoning | | | BartakSR10 [79], KeriK07 [473], FortinZDF05 [304] |
| Concepts | transportation | LuZZYW24 [564], MarliereSPR23 [587], CzerniachowskaWZ23 [222], GuoZ23 [373], PohlAK22 [702], ArmstrongGOS22 [39], EmdeZD22 [274], GeitzGSSW22 [332], BourreauGGLT22 [162], Lemos21 [524], KletzanderMH21 [482], ArmstrongGOS21 [38], ThomasKS20 [827], QinDCS20 [717], Lunardi20 [568], FachiniA20 [285], SacramentoSP20 [751], KletzanderM20 [481], TanZWGQ19 [812], MurinR19 [623], Hooker19 [432], SunTB19 [803], UnsalO19 [851], CappartTSR18 [180], Ham18 [383], PourDERB18 [706], TangLWSK18 [814], QinDS16 [718], Froger16 [313]... (Total: 46) | FalqueALM24 [291], AfsarVPG23 [12], NaderiRR23 [637], AbreuPNF23 [5], KimCMLLP23 [476], Fatemi-AnarakiTFV23 [294], GokPTGO23 [348], NaderiBZ23 [634], MengGRZSC22 [597], ElciOH22 [268], AbreuN22 [233], SubulanC22 [801], PopovicCGNC22 [705], NaderiBZ22 [633], Astrand21 [50], Godet21a [344], AbohashimaEG21 [4], FallahiAC20 [290], MengZRZL20 [599], MejiaY20 [593], ZarandiASC20 [912], LaborieRSV18 [512], GedikKBR17 [327], EvenSH15 [283], MelgarejoLS15 [16], HarjunkoskiMBC14 [390], RendlPHPR12 [729], Malapert11 [578], MakMS10 [577]... (Total: 37) | LiLZDZW24 [530], NaderiBZR23 [632], AalianPG23 [1], PerezGSL23 [689], AlfieriGPS23 [25], ZhuSZW23 [930], IklassovMR023 [444], WangB23 [880], MontemanniD23a [616], Adelgren2023 [11], IsikYA23 [445], AbreuNP23 [234], abs-2312-13682 [690], NaderiBZ22a [631], abs-2211-14492 [804], BoudreaultSLQ22 [160], ZhangJZL22 [920], YuraszeckMPV22 [907], YunusogluY22 [905], LiFJZLL22 [531], ColT22 [224], AntuoriHHEN21 [32], MengLZB21 [598], HubnerGSV21 [440], Bedhief21 [103], Groleaz21 [363], AntunesABD20 [30], WallaceY20 [877], HauderBRPA20 [394]... (Total: 114) |
| Concepts | two-machine scheduling | | | AbreuNP23 [234] |
| Concepts | two-stage scheduling | | | Astrand21 [50], QinWSLS21 [716], ZarandiASC20 [912], ZouZ20 [933], TangB20 [813], TanZWGQ19 [812] |
| Concepts | unavailability | Lemos21 [524], Astrand21 [50], Lunardi20 [568], LunardiBLRV20 [567], ZhangW18 [923], Froger16 [313], BajestaniB15 [59], UnsalO13 [850], AkkerDH07 [856], KhemmoudjPB06 [475] | Mehdizadeh-Somarin23 [592], PenzDN23 [688], TouatBT22 [834], KovacsTKSG21 [498], SerraNM12 [778], LorigeonBB02 [561] | WangB23 [880], PovedaAA23 [707], ShaikhK23 [779], FrimodigECM23 [311], abs-2305-19888 [408], GuoZ23 [373], HeinzNVH22 [407], YunusogluY22 [905], BulckG22 [855], NaqviAIAAA22 [638], PandeyS21a [680], FanXG21 [292], WangB20 [879], AstrandJZ20 [53], KreterSSZ18 [501], ArbaouiY18 [35], KreterSS17 [500], TranVNB17 [841], BurtLPS15 [172], KreterSS15 [499], GoelSHFS15 [346], NovasH14 [655], HarjunkoskiMBC14 [390], ArtiguesLH13 [47], GuyonLPR12 [375], NovasH10 [653], FoxS90 [306] |

## 7.2 Concept Type Classification

Table 12: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Classification | 2BPHFSP | TangB20 [813] | | |
| Classification | BPCTOP | KelarevaTK13 [469] | | |
| Classification | Bulk Port Cargo Throughput Optimisation Problem | | | KelarevaTK13 [469] |
| Classification | CECSP | NattafHKAL19 [644], NattafAL17 [641], Nattaf16 [639], NattafALR16 [642], NattafAL15 [640], ArtiguesL14 [46] | | |
| Classification | CHSP | EfthymiouY23 [267], WallaceY20 [877] | | |
| Classification | CTW | KoehlerBFFHPSSS21 [483] | Lombardi10 [548] | |
| Classification | CuSP | KameugneFND23 [464], FetgoD22 [298], CarlierPSJ20 [187], Tesch18 [824], KameugneFGOQ18 [463], Tesch16 [823], NattafALR16 [642], Nattaf16 [639], Froger16 [313], NattafAL15 [640], Derrien15 [244], KameugneFSN14 [467], ArtiguesL14 [46], Kameugne14 [461], DerrienPZ14 [246], ArtiguesLH13 [47], KameugneFSN11 [466], SchuttW10 [775], Demassey03 [241], BaptistePN99 [66] | Fahimi16 [286], GingrasQ16 [341], OuelletQ13 [670], Elkhyari03 [271] | TardivoDFMP23 [815], HanenKP21 [387], Zahout21 [909], DerrienP14 [245] |
| Classification | EOSP | | SquillaciPR23 [798] | |
| Classification | Earth Observation Scheduling Problem | | SquillaciPR23 [798] | |
| Classification | FJS | JuvinHL23a [459], YuraszeckMCCR23 [908], WangB23 [880], MengGRZSC22 [597], JuvinHL22 [457], MullerMKP22 [622], Teppan22 [820], HamPK21 [382], HamP21 [381], MengLZB21 [598], MengZRZL20 [599], WangB20 [879], Lunardi20 [568], LunardiBLRV20 [567], ZarandiASC20 [912], Novas19 [652], MossigeGSMC17 [619], HamC16 [384], OddiRCS11 [664] | OujanaAYB22 [673], HauderBRPA20 [394], abs-1902-09244 [393], ZhangW18 [923], SchuttFS13 [768] | NaderiRR23 [637], ColT22 [224], ZhouGL15 [928] |
| Classification | Fixed Job Scheduling | WangB20 [879] | WangB23 [880] | |
| Classification | GCSP | Groleaz21 [363], GroleazNS20 [365] | | |
| Classification | HFF | ArmstrongGOS22 [39], OujanaAYB22 [673], ArmstrongGOS21 [38], FachiniA20 [285], ZhouGL15 [928] | | |
| Classification | HFFTT | ArmstrongGOS22 [39], ArmstrongGOS21 [38] | | |
| Classification | HFS | IsikYA23 [445], MengGRZSC22 [597], ZhangJZL22 [920], ArmstrongGOS21 [38], MengLZB21 [598], Astrand21 [50], Bedhief21 [103], TangB20 [813], MengZRZL20 [599], Baptiste02 [62] | | ArmstrongGOS22 [39], ZarandiASC20 [912], Novas19 [652], ZhouGL15 [928] |
| Classification | JSPT | | MurinR19 [623] | |

Table 12: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Classification | JSSP | JuvinHL23a [459], JuvinHHL23 [456], abs-2306-05747 [818], TasselGS23 [817], YuraszeckMC23 [906], YuraszeckMCCR23 [908], JuvinHL22 [457], Teppan22 [820], GeitzGSSW22 [332], ColT22 [224], YuraszeckMPV22 [907], Godet21a [344], abs-2102-08778 [217], ZarandiASC20 [912], ColT19 [218], Pralet17 [708], MenciaSV13 [596], MenciaSV12 [595], OddiRCS11 [664], KelbelH11 [470], BidotVLB09 [130], GodardLN05 [343], Baptiste02 [62], CestaOS00 [201], SourdN00 [797], TorresL00 [833], PapaB98 [684], NuijtenP98 [659], NuijtenA96 [658], NuijtenA94 [657] | GalleguillosKSB19 [317], LombardiBM15 [549], SialaAH15 [785], BelhadjiI98 [113] | EfthymiouY23 [267], Mehdizadeh-Somarin23 [592], CzerniachowskaWZ23 [222], WikarekS19 [888], PraletLJ15 [709], GrimesH15 [360], BajestaniB11 [57], ChenGPSH10 [203], MercierH07 [601] |
| Classification | KRFP | KamarainenS02 [460], SakkoutW00 [756] | | |
| Classification | LSFRP | KelarevaTK13 [469] | | |
| Classification | Liner Shipping Fleet Repositioning Problem | | KelarevaTK13 [469] | |
| Classification | MGAP | Darby-DowmanLMZ97 [228] | | |
| Classification | OSP | Bit-Monnot23 [132], NaderiRR23 [637], LacknerMMWW23 [515], LacknerMMWW21 [514], Groleaz21 [363], GombolayWS18 [353], GrimesH15 [360], GayHLS15 [322], Siala15a [784], Siala15 [783], MalapertCGJLR12 [579] | SquillaciPR23 [798], GrimesHM09 [361], MonetteDD07 [614] | MengZRZL20 [599], LiuLH18 [541], Dorndorf2000 [258] |
| Classification | OSSP | YuraszeckMC23 [906], AbreuNP23 [234], AbreuPNF23 [5], AbreuN22 [233], YuraszeckMPV22 [907], ColT22 [224], AbreuAPNM21 [232], RoshanaeiN21 [745], MejiaY20 [593], Baptiste02 [62] | | YuraszeckMCCR23 [908], ZarandiASC20 [912] |
| Classification | Open Shop Scheduling Problem | AbreuPNF23 [5], AbreuNP23 [234], AbreuN22 [233], AbreuAPNM21 [232], ZarandiASC20 [912], MejiaY20 [593] | Malapert11 [578], LorigeonBB02 [561], Dorndorf2000 [258] | PrataAN23 [710], NaderiRR23 [637], YuraszeckMCCR23 [908], Bit-Monnot23 [132], YuraszeckMPV22 [907], ColT22 [224], Groleaz21 [363], MengZRZL20 [599], SacramentoSP20 [751], HookerH17 [436], GrimesH15 [360], MalapertCGJLR13 [580], MalapertCGJLR12 [579], Schutt11 [765], GrimesH10 [358], OhrimenkoSC09 [666], GrimesHM09 [361], MonetteDD07 [614], JussienL02 [455], Baptiste02 [62], VerfaillieL01 [861] |
| Classification | PJSSP | Baptiste02 [62] | PapaB98 [684] | |
| Classification | PMSP | NaderiRR23 [637], YunusogluY22 [905], WinterMMW22 [889], PandeyS21a [680], Godet21a [344], GodetLHS20 [345], MalapertN19 [582], GedikKEK18 [326], GomesM17 [355], TranAB16 [836], TranB12 [837] | VlkHT21 [873], NattafM20 [645], ArtiguesLH13 [47] | OujanaAYB22 [673], ColT22 [224], MengGRZSC22 [597], ZarandiASC20 [912] |
| Classification | PTC | NattafM20 [645], MalapertN19 [582], NattafDYW19 [643] | NaderiRR23 [637] | CzerniachowskaWZ23 [222], Teppan22 [820], ColT2019a [223], Dejemeppe16 [238] |
| Classification | Partial Order Schedule | PolicellaWSO05 [703] | LombardiBM15 [549], BonfiettiLM14 [151] | Bit-Monnot23 [132], Astrand21 [50], Astrand0F21 [51], CappartTSR18 [180], BonfiettiLBM14 [149], LaborieR14 [513], GaySS14 [325], LombardiM12 [555], LombardiM12a [554], LombardiM10 [553], CarchraeBF05 [182] |
| Classification | RCMPSP | HauderBRPA20 [394], abs-1902-09244 [393] | | ArtiguesR00 [48] |

Table 12: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Classification | RCPSP | YuraszeckMCCR23 [908], GokPTGO23 [348], PovedaAA23 [707], CampeauG22 [178], EtminaniesfahaniGNMS22 [282], SubulanC22 [801], BoudreaultSLQ22 [160], FetgoD22 [298], GeibingerMM21 [331], BenderWS21 [114], Zahout21 [909], Groleaz21 [363], HubnerGSV21 [440], Godet21a [344], HillTV21 [418], ArtiguesHQT21 [45], HauderBRPA20 [394], Polo-MejiaALB20 [704], ZarandiASC20 [912], GokGSTO20 [347], GeibingerMM19 [330], abs-1911-04766 [329], Caballero19 [174], abs-1902-09244 [393], ArkhipovBL19 [37], BhatnagarKL19 [128], KreterSSZ18 [501], LaborieRSV18 [512], TangLWSK18 [814]... (Total: 77) | KameugneFND23 [464], Caballero23 [175], TardivoDFMP23 [815], KovacsTKSG21 [498], GroleazNS20a [364], CarlierPSJ20 [187], CauwelaertLS18 [196], BaptisteB18 [64], Tesch18 [824], Dejemeppe16 [238], LombardiBM15 [549], NattafAL15 [640], GayHLS15 [322], KameugneFSN14 [467], ArtiguesL14 [46], LaborieR14 [513], LombardiM13 [556], LombardiMB13 [557], KameugneFSN11 [466], HeinzS11 [405], abs-1009-0347 [770], KeriK07 [473], KovacsV06 [497], HeipckeCCS00 [409], ArtiguesR00 [48] | AbreuPNF23 [5], NaderiRR23 [637], TouatBT22 [834], GeitzGSSW22 [332], HanenKP21 [387], Astrand21 [50], ZhangYW21 [922], Lemos21 [524], Mercier-AubinGQ20 [602], NattafHKAL19 [644], WikarekS19 [888], OuelletQ18 [671], FahimiOQ18 [287], HookerH17 [436], BonfiettiZLM16 [153], GingrasQ16 [341], Tesch16 [823], NattafALR16 [642], Fahimi16 [286], RiiseML16 [732], CauwelaertLS15 [195], GayHS15a [324], Maillard15 [576], Siala15 [783], Siala15a [784], SialaAH15 [785], DerrienPZ14 [246], BonfiettiLBM14 [149], KoschB14 [489]... (Total: 49) |
| Classification | RCPSPDC | | | CampeauG22 [178], HubnerGSV21 [440] |
| Classification | RTMP | MarliereSPR23 [587] | | |
| Classification | Resource-constrained Project Scheduling Problem | PovedaAA23 [707], EtminaniesfahaniGNMS22 [282], SubulanC22 [801], BoudreaultSLQ22 [160], Godet21a [344], HillTV21 [418], ZarandiASC20 [912], abs-1902-09244 [393], Caballero19 [174], SchnellH15 [763], HeinzSB13 [406], LombardiM12 [555], SchuttFSW11 [771], Schutt11 [765], Lombardi10 [548], DemasseyAM05 [242], Demassey03 [241] | KameugneFND23 [464], YuraszeckMCCR23 [908], Astrand21 [50], Groleaz21 [363], HubnerGSV21 [440], GokGSTO20 [347], Polo-MejiaALB20 [704], HauderBRPA20 [394], ArkhipovBL19 [37], NattafHKAL19 [644], KameugneFGOQ18 [463], SchnellH17 [764], BofillCSV17a [142], BofillCSV17 [143], YoungFS17 [903], AmadiniGM16 [27], SchuttS16 [774], Nattaf16 [639], SzerediS16 [808], VilimLS15 [871], Kameugne14 [461], SchuttFSW13 [772], SchuttFS13a [767], GuSS13 [368], GuSW12 [370], LombardiM12a [554], SchuttCSW12 [766], abs-1009-0347 [770], LiessM08 [532]... (Total: 38) | abs-2402-00459 [647], LuZZYW24 [564], NaderiRR23 [637], Caballero23 [175], GokPTGO23 [348], CampeauG22 [178], FetgoD22 [298], MullerMKP22 [622], HanenKP21 [387], ArtiguesHQT21 [45], ZhangYW21 [922], GeibingerMM21 [331], GroleazNS20a [364], GroleazNS20 [365], SacramentoSP20 [751], AstrandJZ20 [53], BadicaBI20 [55], GalleguillosKSB19 [317], abs-1911-04766 [329], BhatnagarKL19 [128], GeibingerMM19 [330], Tesch18 [824], LaborieRSV18 [512], KreterSSZ18 [501], AgussurjaKL18 [17], FahimiOQ18 [287], GombolayWS18 [353], BaptisteB18 [64], CauwelaertLS18 [196]... (Total: 70) |
| Classification | Resource-constrained Project Scheduling Problem with Discounted Cashflow | | | ZarandiASC20 [912] |
| Classification | SBSFMMAL | OzturkTHO13 [676], OzturkTHO10 [675] | OzturkTHO15 [677] | |
| Classification | SCC | KimCMLLP23 [476], WolinskiKG04 [896] | SchuttFSW13 [772], Lombardi10 [548], abs-1009-0347 [770] | PohlAK22 [702], Zahout21 [909], TanZWGQ19 [812], PachecoPR19 [678], LombardiMB13 [557], BeniniLMR11 [123], SchausHMCMD11 [761], LombardiMRB10 [558], BeniniLMR08 [122], BeniniLMMR08 [121] |
| Classification | TCSP | BelhadjiI98 [113] | CestaOS00 [201] | Zahout21 [909], LombardiM10a [552], Lombardi10 [548], BartakSR10 [79], Demassey03 [241] |
| Classification | TMS | PopovicCGNC22 [705], Froger16 [313], ChunS14 [207], Junker00 [454], Hamscher91 [386] | BegB13 [104] | NaqviAIAAA22 [638], CappartS17 [179], Siala15a [784], Siala15 [783], JussienL02 [455], ChunCTY99 [206], MorgadoM97 [618], Prosser89 [712] |
| Classification | Temporal Constraint Satisfaction Problem | | BelhadjiI98 [113] | BartakSR10 [79], MoffittPP05 [612], Elkhyari03 [271] |

Table 12: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Classification | parallel machine | PrataAN23 [710], abs-2305-19888 [408], IsikYA23 [445], NaderiRR23 [637], Adelgren2023 [11], CzerniachowskaWZ23 [222], ZhangJZL22 [920], WinterMMW22 [889], MengGRZSC22 [597], YunusogluY22 [905], HeinzNVH22 [407], OujanaAYB22 [673], MengLZB21 [598], Astrand21 [50], Groleaz21 [363], PandeyS21a [680], Godet21a [344], ZarandiASC20 [912], MengZRZL20 [599], Lunardi20 [568], GodetLHS20 [345], NattafM20 [645], NattafDYW19 [643], MalapertN19 [582], GedikKEK18 [326], TanT18 [810], GokgurHO18 [349], ArbaouiY18 [35], GomesM17 [355]... (Total: 38) | NaderiBZ23 [634], PenzDN23 [688], Fatemi-AnarakiTFV23 [294], AbreuPNF23 [5], JuvinHL23a [459], AbreuNP23 [234], NaderiBZ22 [633], Teppan22 [820], EmdeZD22 [274], ColT22 [224], Bedhief21 [103], Zahout21 [909], MokhtarzadehTNF20 [613], SacramentoSP20 [751], MejiaY20 [593], ParkUJR19 [685], Novas19 [652], BogaerdtW19 [857], Ham18a [377], BenediktSMVH18 [117], RoshanaeiLAU17 [744], CatusseCBL16 [193], QinDS16 [718], ZhouGL15 [928], TerekhovTDB14 [822], BajestaniB13 [58], TranTDB13 [840], GuyonLPR12 [375], KovacsB11 [493]... (Total: 32) | GuoZ23 [373], NaderiBZR23 [632], LacknerMMWW23 [515], Mehdizadeh-Somarin23 [592], AlfieriGPS23 [25], KimCMLLP23 [476], JuvinHHL23 [456], JuvinHL22 [457], ArmstrongGOS22 [39], OrnekOS20 [669], NaderiBZ22a [631], AwadMDMT22 [54], EtminaniesfahaniGNMS22 [282], HanenKP21 [387], AbohashimaEG21 [4], LacknerMMWW21 [514], FanXG21 [292], AbreuAPNM21 [232], HamPK21 [382], RoshanaeiN21 [745], Ham20a [378], RoshanaeiBAUB20 [742], GroleazNS20a [364], QinDCS20 [717], AstrandJZ20 [53], NishikawaSTT19 [650], UnsalO19 [851], ArkhipovBL19 [37], Hooker19 [432]... (Total: 64) |
| Classification | psplib | TardivoDFMP23 [815], Caballero19 [174], ArkhipovBL19 [37], KreterSSZ18 [501], OuelletQ18 [671], GayHS15a [324], LetortCB15 [528], Derrien15 [244], KameugneFSN14 [467], DerrienP14 [245], Kameugne14 [461], SchuttFSW13 [772], SchuttFS13a [767], HeinzSB13 [406], Letort13 [525], Clercq12 [235], SchuttFSW11 [771], Schutt11 [765], BertholdHLMS10 [126], SchuttFSW09 [769], Laborie05 [509], Demassey03 [241] | KameugneFND23 [464], BoudreaultSLQ22 [160], EtminaniesfahaniGNMS22 [282], HillTV21 [418], BadicaBI20 [55], BaptisteB18 [64], Tesch18 [824], FahimiOQ18 [287], SchnellH17 [764], BofillCSV17a [142], GingrasQ16 [341], Nattaf16 [639], SzerediS16 [808], Tesch16 [823], GayHLS15 [322], VilimLS15 [871], LombardiBM15 [549], BonfiettiLM14 [151], LetortCB13 [527], LetortBC12 [526], LombardiM12a [554], HeinzS11 [405], Vilim11 [868], abs-1009-0347 [770], SchuttW10 [775], BruckerK00 [169] | Godet21a [344], LaborieRSV18 [512], CauwelaertLS18 [196], YoungFS17 [903], Pralet17 [708], BofillCSV17 [143], Dejemeppe16 [238], SchnellH15 [763], CauwelaertLS15 [195], ThiruvadyWGS14 [826], LombardiM13 [556], OuelletQ13 [670], LombardiM12 [555], KameugneFSN11 [466], LiessM08 [532], FortinZDF05 [304], DemasseyAM05 [242], PolicellaWSO05 [703], ElkhyariGJ02a [273] |
| Classification | rtRTMP | MarliereSPR23 [587] | | |
| Classification | single machine | BonninMNE24 [154], PrataAN23 [710], AlfieriGPS23 [25], LacknerMMWW23 [515], PenzDN23 [688], TouatBT22 [834], HamPK21 [382], Groleaz21 [363], BenediktMH20 [116], ZarandiASC20 [912], BogaerdtW19 [857], BajestaniB15 [59], BajestaniB13 [58], TerekhovDOB12 [821], KovacsB11 [493], WuBB09 [898], ThiruvadyBME09 [825], KovacsB07 [491], SadykovW06 [754], KanetAG04 [468], Elkhyari03 [271], Baptiste02 [62], BosiM2001 [158], SourdN00 [797], BlazewiczDP96 [173] | NaderiBZ23 [634], ZhangBB22 [921], NaderiBZ22 [633], ElciOH22 [268], EmdeZD22 [274], YuraszeckMPV22 [907], Bedhief21 [103], LacknerMMWW21 [514], Zahout21 [909], KoehlerBFFHPSSS21 [483], PandeyS21a [680], Astrand21 [50], HillTV21 [418], AbreuAPNM21 [232], NattafM20 [645], Lunardi20 [568], TanT18 [810], BenediktSMVH18 [117], Tesch18 [824], TranPZLDB18 [839], GomesM17 [355], TranAB16 [836], LaborieR14 [513], KoschB14 [489], TranB12 [837], BillautHL12 [131], KovacsK11 [495], Malapert11 [578], Beck10 [88]... (Total: 39) | abs-2402-00459 [647], LuZZYW24 [564], IsikYA23 [445], Fatemi-AnarakiTFV23 [294], NaderiRR23 [637], JuvinHL23a [459], Mehdizadeh-Somarin23 [592], GeitzGSSW22 [332], JuvinHL22 [457], ZhangJZL22 [920], ColT22 [224], PohlAK22 [702], AbreuN22 [233], abs-2211-14492 [804], LiFJZLL22 [531], FanXG21 [292], Godet21a [344], QinWSLS21 [716], KovacsTKSG21 [498], GodetLHS20 [345], TangB20 [813], ParkUJR19 [685], NattafDYW19 [643], NattafHKAL19 [644], Hooker19 [432], Tom19 [830], HoundjiSW19 [438], MalapertN19 [582], ArbaouiY18 [35]... (Total: 98) |

## 7.3 Concept Type Constraints

Table 13: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Constraints | AllDiff constraint | WangB20 [879] | | Godet21a [344], FahimiOQ18 [287], Fahimi16 [286], LarsonJC14 [519], Lombardi10 [548] |
| Constraints | AllDiffPrec constraint | Godet21a [344] | | JuvinHHL23 [456] |
| Constraints | AlwaysConstant | | LuoB22 [570], LaborieRSV18 [512] | |
| Constraints | Among constraint | Siala15a [784], Siala15 [783], BeldiceanuC94 [111] | Simonis07 [791], BosiM2001 [158] | German18 [335], HookerH17 [436], Refalo00 [727], Simonis95 [789], AggounB93 [13] |
| Constraints | AmongSeq constraint | | Siala15 [783], Siala15a [784] | |
| Constraints | Arithmetic constraint | | ColT22 [224] | BadicaBI20 [55], Caballero19 [174], BadicaBIL19 [56], LiuLH19a [542], LaborieRSV18 [512], Schutt11 [765], OhrimenkoSC09 [666], Kuchcinski03 [503], Baptiste02 [62], ElkhyariGJ02a [273], Thorsteinsson01 [828], Refalo00 [727], SakkoutW00 [756], AbdennadherS99 [2], FalaschiGMP97 [289], BeldiceanuC94 [111], AggounB93 [13] |
| Constraints | AtMostSeq | Siala15a [784], Siala15 [783] | | |
| Constraints | AtMostSeqCard | Siala15 [783], Siala15a [784] | | |
| Constraints | Atmost constraint | Siala15a [784], Siala15 [783] | | Simonis07 [791], BeldiceanuC94 [111] |
| Constraints | Balance constraint | RoePS05 [741], Laborie03 [508] | Timpe02 [829], Muscettola02 [628] | GuoZ23 [373], PopovicCGNC22 [705], German18 [335], SchuttS16 [774], Siala15 [783], Siala15a [784], GrimesH15 [360], Kameugne14 [461], DerrienPZ14 [246], TerekhovDOB12 [821], Lombardi10 [548], GrimesHM09 [361], LombardiM09 [551], BeckW07 [102], BeckW05 [101], Laborie05 [509], MaraveliasCG04 [585] |
| Constraints | BinPacking constraint | | | Godet21a [344], AntunesABD18 [29] |
| Constraints | Blocking constraint | AbreuNP23 [234], RiahiNS018 [730] | | WessenCSFPM23 [887], IsikYA23 [445], LiFJZLL22 [531], MengZRZL20 [599], RodriguezS09 [740], Rodriguez07b [738], Rodriguez07 [737] |
| Constraints | BufferedResource | BessiereHMQW14 [127] | | |
| Constraints | Calendar constraint | KreterSSZ18 [501], KreterSS17 [500] | KreterSS15 [499] | PovedaAA23 [707], IsikYA23 [445], Polo-MejiaALB20 [704], LaborieRSV18 [512] |
| Constraints | CardPath | | | Siala15a [784], Siala15 [783] |
| Constraints | Cardinality constraint | Caballero19 [174], Dejemeppe16 [238], Siala15 [783], Siala15a [784], SchausHMCMD11 [761], Malik08 [583] | OuelletQ22 [672], HoundjiSW19 [438], German18 [335], MusliuSS18 [630], HookerH17 [436], Fahimi16 [286], BofillGSV15 [145], HoundjiSWD14 [439], ChuGNSW13 [204], HachemiGR11 [376], MilanoW09 [609], MalikMB08 [584], Simonis07 [791], MilanoW06 [608], Gronkvist06 [366], Perron05 [691] | Godet21a [344], Lemos21 [524], GeibingerKKMMW21 [328], CauwelaertDS20 [197], TangB20 [813], abs-1911-04766 [329], TranVNB17 [841], PesantRR15 [694], LarsonJC14 [519], DoulabiRP14 [259], BessiereHMQW14 [127], BajestaniB13 [58], LimtanyakulS12 [539], Menana11 [594], BajestaniB11 [57], ClercqPBJ11 [213], KovacsB11 [493], abs-0907-0939 [696], OhrimenkoSC09 [666], KovacsB08 [492], CambazardHDJT04 [176], BourdaisGP03 [161], Baptiste02 [62], Refalo00 [727], HookerOTK00 [435], BeckF00 [97], AbdennadherS99 [2], PapaB98 [684], PapeB97 [683]... (Total: 31) |
| Constraints | Channeling constraint | OzturkTHO13 [676], Wallace06 [876] | KoehlerBFFHPSSS21 [483], BofillEGPSV14 [144], HeinzB12 [402] | WangB23 [880], AntuoriHHEN20 [31], LiuLH19 [543], GokgurHO18 [349], BofillGSV15 [145], HeinzKB13 [403], KovacsB11 [493], WuBB09 [898], MilanoW09 [609], MouraSCL08 [621], MouraSCL08a [620], GarganiR07 [319], MilanoW06 [608], Perron05 [691], CambazardHDJT04 [176] |
| Constraints | Completion constraint | KovacsB11 [493], KovacsB08 [492], KovacsB07 [491] | BonninMNE24 [154] | HeckmanB11 [401] |
| Constraints | CumulativeCost | SimonisH11 [794] | | |

Table 13: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Constraints | Cumulatives constraint | BeldiceanuC02 [108] | MossigeGSMC17 [619], Madi-WambaLOBM17 [574] | KameugneFND23 [464], TardivoDFMP23 [815], OuelletQ22 [672], BoudreaultSLQ22 [160], ArkhipovBL19 [37], OuelletQ18 [671], FahimiOQ18 [287], Fahimi16 [286], SchuttS16 [774], Dejemeppe16 [238], GayHS15a [324], LetortCB15 [528], GayHS15 [323], CauwelaertLS15 [195], Kameugne14 [461], DerrienPZ14 [246], Letort13 [525], OuelletQ13 [670], Clercq12 [235], LetortBC12 [526], SimonisH11 [794], ClercqPBJ11 [213], Malapert11 [578], Wolf11 [892], MilanoW09 [609], abs-0907-0939 [696], Simonis07 [791], MilanoW06 [608] |
| Constraints | Diff2 constraint | Kuchcinski03 [503] | | WolinskiKG04 [896], KuchcinskiW03 [504] |
| Constraints | Disjunctive constraint | KoehlerBFFHPSSS21 [483], Godet21a [344], GrimesH15 [360], Malapert11 [578], RoePS05 [741], Baptiste02 [62], Dorndorf2000 [258], SourdN00 [797], HookerO99 [433], RodosekWH99 [736], PapaB98 [684], RodosekW98 [735], Zhou97 [927], BaptisteP95 [67], DincbasSH90 [252] | BonninMNE24 [154], JuvinHHL23 [456], NaderiRR23 [637], BourreauGGLT22 [162], GodetLHS20 [345], GokgurHO18 [349], KuB16 [502], Fahimi16 [286], Siala15a [784], MelgarejoLS15 [16], Siala15 [783], SialaAH15 [785], SchuttFS13 [768], OzturkTHO13 [676], GrimesH11 [359], LombardiM10a [552], Lombardi10 [548], BartakSR10 [79], GrimesH10 [358], GrimesHM09 [361], BartakSR08 [83], ArtiguesBF04 [42], KanetAG04 [468], Kuchcinski03 [503], Laborie03 [508], ElkhyariGJ02a [273], SchildW00 [762], FocacciLN00 [300], SakkoutW00 [756]... (Total: 34) | abs-2402-00459 [647], KameugneFND23 [464], Bit-Monnot23 [132], MarliereSPR23 [587], JuvinHL23a [459], NaderiBZ23 [634], NaderiBZ22a [631], KotaryFH22 [490], JuvinHL22 [457], ZhangBB22 [921], abs-2211-14492 [804], BoudreaultSLQ22 [160], YuraszeckMPV22 [907], NaderiBZ22 [633], Groleaz21 [363], Astrand21 [50], Astrand0F21 [51], WallaceY20 [877], Polo-MejiaALB20 [704], MejiaY20 [593], AstrandJZ20 [53], German18 [335], TanT18 [810], FahimiOQ18 [287], LaborieRSV18 [512], KameugneFGOQ18 [463], DemirovicS18 [243], OrnekO16 [668], BoothTNB16 [156]... (Total: 82) |
| Constraints | Element constraint | Dejemeppe16 [238], HookerOTK00 [435] | LiuLH18 [541], KreterSS17 [500], Wolf11 [892], Kuchcinski03 [503], Darby-DowmanLMZ97 [228] | LacknerMMWW23 [515], LuoB22 [570], Godet21a [344], LacknerMMWW21 [514], TangB20 [813], AntuoriHHEN20 [31], KreterSSZ18 [501], LiuCGM17 [546], Madi-WambaLOBM17 [574], SzerediS16 [808], OrnekO16 [668], DoulabiRP16 [260], KreterSS15 [499], HoundjiSWD14 [439], BessiereHMQW14 [127], DoulabiRP14 [259], OzturkTHO12 [674], SimonisH11 [794], SchausHMCMD11 [761], Malapert11 [578], Schutt11 [765], MouraSCL08 [621], SchausD08 [760], GarganiR07 [319], CambazardHDJT04 [176], Refalo00 [727], BeldiceanuC94 [111] |
| Constraints | Flowtime constraint | BonninMNE24 [154] | | |
| Constraints | GCC constraint | HoundjiSW19 [438], Dejemeppe16 [238], HoundjiSWD14 [439] | SchausHMCMD11 [761] | OuelletQ22 [672], TangB20 [813], CauwelaertLS18 [196], Siala15 [783], Siala15a [784], CauwelaertLS15 [195], BajestaniB13 [58], HachemiGR11 [376], MilanoW09 [609], Simonis07 [791], Gronkvist06 [366], MilanoW06 [608] |
| Constraints | GeneralizedAllDiffPrec | Godet21a [344] | | |
| Constraints | IloAlternative | | | HeinzB12 [402] |
| Constraints | IloAlwaysIn | | | KreterSS17 [500], BajestaniB13 [58] |
| Constraints | IloForbidEnd | | | KreterSS17 [500] |
| Constraints | IloNoOverlap | | | GrimesH15 [360] |
| Constraints | IloPack | | SchausD08 [760] | |
| Constraints | IloPulse | | | KreterSS17 [500], BajestaniB13 [58] |
| Constraints | MinWeightAllDiff | WangB20 [879] | | WangB23 [880] |
| Constraints | MultiAtMostSeqCard | Siala15 [783], Siala15a [784] | | |
| Constraints | PreemptiveNoOverlap | JuvinHHL23 [456] | | |
| Constraints | Pulse constraint | | | PandeyS21a [680], GeibingerMM19 [330], ArbaouiY18 [35], KreterSS17 [500] |
| Constraints | Regular constraint | MusliuSS18 [630], Siala15 [783], Siala15a [784], PesantRR15 [694] | HookerH17 [436], Dejemeppe16 [238] | WessenCSFPM23 [887], FrimodigS19 [312], PraletLJ15 [709], LarsonJC14 [519], KovacsB11 [493], Menana11 [594], KovacsB08 [492] |

Table 13: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Constraints | Reified constraint | Schutt11 [765], MilanoW09 [609], Kuchcinski03 [503] | LiuLH19a [542], KovacsK11 [495], MilanoW06 [608] | Astrand21 [50], BadicaBI20 [55], LaborieRSV18 [512], CauwelaertLS18 [196], KreterSS17 [500], Dejemeppe16 [238], Siala15 [783], Siala15a [784], SchuttFSW13 [772], OhrimenkoSC09 [666], SchausD08 [760], SchildW00 [762] |
| Constraints | RelSoftCumulative | abs-0907-0939 [696] | | |
| Constraints | RelSoftCumulativeSum | | | abs-0907-0939 [696] |
| Constraints | SoftCumulative | Clercq12 [235], ClercqPBJ11 [213], abs-0907-0939 [696] | OuelletQ22 [672] | |
| Constraints | SoftCumulativeSum | Clercq12 [235], abs-0907-0939 [696] | | ClercqPBJ11 [213] |
| Constraints | TaskIntersection constraint | Madi-WambaB16 [573] | | |
| Constraints | UTVPI constraint | Schutt11 [765] | | |
| Constraints | WeightAllDiff | WangB20 [879] | | WangB23 [880] |
| Constraints | WeightedSum | Wolf09 [895] | | |
| Constraints | WeightedTaskSum | Wolf09 [895] | | |
| Constraints | alldifferent | FalqueALM24 [291], JuvinHHL23 [456], Lemos21 [524], KoehlerBFFHPSSS21 [483], Godet21a [344], HoundjiSW19 [438], LiuLH19a [542], CauwelaertLS18 [196], Dejemeppe16 [238], Siala15 [783], Derrien15 [244], Siala15a [784], LarsonJC14 [519], Clercq12 [235], Menana11 [594], Malapert11 [578], MilanoW09 [609], OhrimenkoSC09 [666], Simonis07 [791], MilanoW06 [608], KanetAG04 [468] | GodetLHS20 [345], HookerH17 [436], Fahimi16 [286], BessiereHMQW14 [127], UnsalO13 [850], KelarevaTK13 [469], TerekhovDOB12 [821], Schutt11 [765] | GokPTGO23 [348], WangB23 [880], ColT22 [224], FarsiTM22 [293], BourreauGGLT22 [162], Astrand21 [50], MokhtarzadehTNF20 [613], AntuoriHHEN20 [31], AstrandJZ20 [53], WangB20 [879], Lunardi20 [568], Caballero19 [174], FahimiOQ18 [287], Nattaf16 [639], MelgarejoLS15 [16], AlesioNBG14 [247], Letort13 [525], ChuGNSW13 [204], ClercqPBJ11 [213], HachemiGR11 [376], HermenierDL11 [415], TrojetHL11 [847], LopesCSM10 [559], Malik08 [583], Thorsteinsson01 [828], BeldiceanuC01 [107], Simonis99 [790], BeldiceanuC94 [111] |
| Constraints | alternative constraint | LaborieRSV18 [512] | abs-2305-19888 [408], MurinR19 [623], GokgurHO18 [349], GedikKBR17 [327], LaborieR14 [513] | ZhuSZW23 [930], MarliereSPR23 [587], LacknerMMWW23 [515], WessenCSFPM23 [887], NaderiRR23 [637], SvancaraB22 [807], WinterMMW22 [889], HeinzNVH22 [407], AwadMDMT22 [54], ZhangJZL22 [920], ArmstrongGOS21 [38], PandeyS21a [680], VlkHT21 [873], HillTV21 [418], MengLZB21 [598], HubnerGSV21 [440], MengZRZL20 [599], Polo-MejiaALB20 [704], SacramentoSP20 [751], NishikawaSTT19 [650], GalleguillosKSB19 [317], EscobetPQPRA19 [279], abs-1911-04766 [329], YounespourAKE19 [902], GeibingerMM19 [330], MalapertN19 [582], NattafDYW19 [643], NishikawaSTT18 [648], Ham18a [377]... (Total: 46) |
| Constraints | alwaysEqual constraint | | LaborieRSV18 [512], GoelSHFS15 [346] | HamFC17 [380], HamC16 [384] |
| Constraints | alwaysIn | PopovicCGNC22 [705], SerraNM12 [778] | LuZZYW24 [564], AalianPG23 [1], LuoB22 [570], TangB20 [813], Polo-MejiaALB20 [704], MalapertN19 [582], LaborieRSV18 [512], GoelSHFS15 [346] | AwadMDMT22 [54], CampeauG22 [178], KreterSS17 [500], QinDS16 [718], BajestaniB13 [58] |
| Constraints | bin-packing | NaderiBZR23 [632], Zahout21 [909], Godet21a [344], TangB20 [813], CauwelaertLS18 [196], RoshanaeiLAU17 [744], CauwelaertLS15 [195], LetortCB15 [528], Letort13 [525], LetortCB13 [527], HeinzSSW12 [404], LetortBC12 [526], Malapert11 [578], SchausHMCMD11 [761], ClautiauxJCM08 [211], SchausD08 [760] | FrimodigECM23 [311], JuvinHL23a [459], LuoB22 [570], EmdeZD22 [274], BadicaBI20 [55], AntunesABD20 [30], FrimodigS19 [312], AntunesABD18 [29], BaptisteB18 [64], Beck10 [88], LiW08 [529], GarganiR07 [319], SchildW00 [762], SakkoutW00 [756] | abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], GuoZ23 [373], AkramNHRSA23 [19], YunusogluY22 [905], abs-2211-14492 [804], ArmstrongGOS21 [38], RoshanaeiBAUB20 [742], GodetLHS20 [345], AlakaPY19 [23], TranPZLDB18 [839], BukchinR18 [171], German18 [335], HookerH17 [436], HamFC17 [380], Madi-WambaLOBM17 [574], DoulabiRP16 [260], RiiseML16 [732], DoulabiRP14 [259], KoschB14 [489], LimtanyakulS12 [539], EdisO11 [264], HermenierDL11 [415], BeldiceanuCDP11 [109], ReddyFIBKAJ11 [726], Schutt11 [765], Lombardi10 [548], LombardiMRB10 [558]... (Total: 38) |

Table 13: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Constraints | circuit | MontemanniD23a [616], KlankeBYE21 [479], MokhtarzadehTNF20 [613], Mercier-AubinGQ20 [602], Caballero19 [174], HookerH17 [436], Lombardi10 [548], RuggieroBBMA09 [748], RodriguezS09 [740], AchterbergBKW08 [8], Rodriguez07b [738], Rodriguez07 [737], BeniniBGM05 [118], RodriguezDG02 [739], GruianK98 [367], Wallace96 [875], BeldiceanuC94 [111] | WessenCSFPM23 [887], Groleaz21 [363], WessenCS20 [886], AntuoriHHEN20 [31], Siala15 [783], Siala15a [784], LombardiMB13 [557], TranB12 [837], Malapert11 [578], ZeballosCM10 [914], KrogtLPHJ07 [858], KuchcinskiW03 [504], HookerO03 [434], Thorsteinsson01 [828], WatsonBHW99 [883], Simonis99 [790], Simonis95a [788], DincbasSH90 [252] | PrataAN23 [710], Fatemi-AnarakiTFV23 [294], GokPTGO23 [348], IsikYA23 [445], MontemanniD23 [617], MarliereSPR23 [587], JuvinHL23a [459], ColT22 [224], MullerMKP22 [622], JungblutK22 [453], FarsiTM22 [293], JuvinHL22 [457], KoehlerBFFHPSSS21 [483], MengLZB21 [598], Astrand21 [50], Zahout21 [909], ArmstrongGOS21 [38], WallaceY20 [877], GokGSTO20 [347], GroleazNS20 [365], HoundjiSW19 [438], EscobetPQPRA19 [279], Hooker19 [432], Ham18a [377], TangLWSK18 [814], CappartTSR18 [180], CauwelaertLS18 [196], EmeretlisTAV17 [275], Hooker17 [431]... (Total: 86) |
| Constraints | cumulative | AalianPG23 [1], TardivoDFMP23 [815], NaderiRR23 [637], LacknerMMWW23 [515], WessenCSFPM23 [887], PovedaAA23 [707], KameugneFND23 [464], IsikYA23 [445], PohlAK22 [702], AwadMDMT22 [54], ZhangJZL22 [920], LuoB22 [570], FetgoD22 [298], OuelletQ22 [672], BoudreaultSLQ22 [160], Lemos21 [524], Godet21a [344], Groleaz21 [363], LacknerMMWW21 [514], KovacsTKSG21 [498], Zahout21 [909], HanenKP21 [387], GroleazNS20a [364], CarlierPSJ20 [187], ThomasKS20 [827], Polo-MejiaALB20 [704], Mercier-AubinGQ20 [602], WallaceY20 [877], SacramentoSP20 [751]... (Total: 180) | ForbesHJST24 [303], PrataAN23 [710], LuZZYW24 [564], BonninMNE24 [154], abs-2402-00459 [647], PerezGSL23 [689], EfthymiouY23 [267], abs-2312-13682 [690], GokPTGO23 [348], ElciOH22 [268], YunusogluY22 [905], GeitzGSSW22 [332], AbreuN22 [233], NaqviAIAAA22 [638], ColT22 [224], CampeauG22 [178], HubnerGSV21 [440], KlankeBYE21 [479], HillTV21 [418], MengLZB21 [598], NattafM20 [645], NattafHKAL19 [644], BhatnagarKL19 [128], GalleguillosKSB19 [317], NishikawaSTT19 [650], GedikKEK18 [326], BorghesiBLMB18 [157], TranVNB17a [842], BonfiettiZLM16 [153]... (Total: 69) | GurPAE23 [374], abs-2306-05747 [818], AbreuPNF23 [5], YuraszeckMCCR23 [908], MarliereSPR23 [587], TasselGS23 [817], FrimodigECM23 [311], IklassovMR023 [444], JuvinHL23a [459], abs-2305-19888 [408], Bit-Monnot23 [132], JuvinHHL23 [456], HeinzNVH22 [407], PopovicCGNC22 [705], HebrardALLCMR22 [396], Tassel22 [816], abs-2211-14492 [804], SubulanC22 [801], JuvinHL22 [457], ArmstrongGOS22 [39], Astrand21 [50], PandeyS21a [680], KoehlerBFFHPSSS21 [483], RoshanaeiN21 [745], ArtiguesHQT21 [45], GeibingerMM21 [331], ArmstrongGOS21 [38], GokGSTO20 [347], HauderBRPA20 [394]... (Total: 152) |
| Constraints | cycle | AalianPG23 [1], WessenCSFPM23 [887], AlakaP23 [22], AwadMDMT22 [54], Astrand21 [50], AbohashimaEG21 [4], AntuoriHHEN21 [32], Groleaz21 [363], Astrand0F21 [51], Edis21 [263], Alaka21 [21], GroleazNS20a [364], AntuoriHHEN20 [31], AstrandJZ20 [53], WallaceY20 [877], Caballero19 [174], AlakaPY19 [23], ParkUJR19 [685], BorghesiBLMB18 [157], AstrandJZ18 [52], BukchinR18 [171], GomesM17 [355], BridiBLMB16 [166], Dejemeppe16 [238], OzturkTHO15 [677], BonfiettiLBM14 [149], BessiereHMQW14 [127], BegB13 [104], MalapertCGJLR12 [579]... (Total: 61) | EfthymiouY23 [267], CampeauG22 [178], Godet21a [344], HillTV21 [418], Lemos21 [524], KoehlerBFFHPSSS21 [483], HubnerGSV21 [440], CauwelaertDS20 [197], Lunardi20 [568], ZarandiASC20 [912], GroleazNS20 [365], ArkhipovBL19 [37], MossigeGSMC17 [619], HamFC17 [380], TranAB16 [836], Froger16 [313], SimoninAHL15 [787], BurtLPS15 [172], Siala15 [783], PraletLJ15 [709], Siala15a [784], HarjunkoskiMBC14 [390], TranTDB13 [840], SchuttFSW13 [772], SimoninAHL12 [786], BonfiettiLBM12 [148], OzturkTHO12 [674], KovacsB11 [493], BonfiettiLBM11 [147]... (Total: 56) | Bit-Monnot23 [132], AkramNHRSA23 [19], Fatemi-AnarakiTFV23 [294], MarliereSPR23 [587], IklassovMR023 [444], GokPTGO23 [348], GuoZ23 [373], ZhangBB22 [921], BourreauGGLT22 [162], AbreuN22 [233], KotaryFH22 [490], AbreuAPNM21 [232], ArmstrongGOS21 [38], Zahout21 [909], FanXG21 [292], HamPK21 [382], Ham20a [378], HauderBRPA20 [394], FachiniA20 [285], QinDCS20 [717], BadicaBI20 [55], MokhtarzadehTNF20 [613], TangB20 [813], FallahiAC20 [290], Mercier-AubinGQ20 [602], Novas19 [652], abs-1902-09244 [393], EscobetPQPRA19 [279], KucukY19 [507]... (Total: 117) |
| Constraints | diffn | ArmstrongGOS21 [38], Simonis07 [791], SimonisCK00 [792], BeldiceanuC94 [111] | WessenCSFPM23 [887], BeldiceanuCDP11 [109] | LuoB22 [570], BourreauGGLT22 [162], KreterSS17 [500], KreterSS15 [499], Malapert11 [578], TrojetHL11 [847], ChenGPSH10 [203], Kuchcinski03 [503], Timpe02 [829], Simonis99 [790], GruianK98 [367], Simonis95 [789], SimonisC95 [793], Simonis95a [788] |

Table 13: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Constraints | disjunctive | BonninMNE24 [154], JuvinHHL23 [456], AfsarVPG23 [12], NaderiRR23 [637], Bit-Monnot23 [132], BourreauGGLT22 [162], ZhangBB22 [921], YuraszeckMPV22 [907], JuvinHL22 [457], Groleaz21 [363], Godet21a [344], KoehlerBFFHPSSS21 [483], Astrand21 [50], GodetLHS20 [345], GokgurHO18 [349], LaborieRSV18 [512], German18 [335], FahimiOQ18 [287], NattafAL17 [641], MossigeGSMC17 [619], Pralet17 [708], HookerH17 [436], KuB16 [502], FontaineMH16 [302], Fahimi16 [286], OrnekO16 [668], BoothTNB16 [156], GrimesH15 [360], GoelSHFS15 [346]... (Total: 99) | MarliereSPR23 [587], Adelgren2023 [11], JuvinHL23a [459], BoudreaultSLQ22 [160], OrnekOS20 [669], KotaryFH22 [490], Astrand0F21 [51], GeibingerMM21 [331], AstrandJZ20 [53], MejiaY20 [593], Polo-MejiaALB20 [704], SacramentoSP20 [751], RoshanaeiBAUB20 [742], PachecoPR19 [678], UnsalO19 [851], YangSS19 [899], DemirovicS18 [243], TanT18 [810], CauwelaertLS18 [196], KameugneFGOQ18 [463], Dejemeppe16 [238], Nattaf16 [639], SimoninAHL15 [787], EvenSH15a [284], VilimLS15 [871], EvenSH15 [283], GayHS15 [323], LaborieR14 [513], KameugneFSN14 [467]... (Total: 57) | LuZZYW24 [564], abs-2402-00459 [647], LacknerMMWW23 [515], abs-2306-05747 [818], IklassovMR023 [444], NaderiBZ23 [634], TardivoDFMP23 [815], ZhuSZW23 [930], GokPTGO23 [348], AbreuPNF23 [5], KameugneFND23 [464], EfthymiouY23 [267], TasselGS23 [817], Fatemi-AnarakiTFV23 [294], PovedaAA23 [707], ElciOH22 [268], AwadMDMT22 [54], NaderiBZ22a [631], NaderiBZ22 [633], abs-2211-14492 [804], MullerMKP22 [622], OujanaAYB22 [673], OuelletQ22 [672], ColT22 [224], Edis21 [263], ZhangYW21 [922], KlankeBYE21 [479], CauwelaertDS20 [197], ZarandiASC20 [912]... (Total: 168) |
| Constraints | endBeforeStart | SubulanC22 [801], QinDCS20 [717] | IsikYA23 [445], ZhuSZW23 [930], NaderiRR23 [637], NaderiBZ22a [631], PandeyS21a [680], MengLZB21 [598], LunardiBLRV20 [567], Lunardi20 [568], MengZRZL20 [599], LaborieRSV18 [512], NovaraNH16 [651], Laborie09 [510] | JuvinHL23a [459], JuvinHHL23 [456], YuraszeckMCCR23 [908], JuvinHL23 [458], LacknerMMWW23 [515], AalianPG23 [1], CzerniachowskaWZ23 [222], Teppan22 [820], AwadMDMT22 [54], JuvinHL22 [457], CampeauG22 [178], ZhangJZL22 [920], YunusogluY22 [905], HamP21 [381], LacknerMMWW21 [514], HamPK21 [382], HubnerGSV21 [440], ZhangYW21 [922], ZouZ20 [933], SacramentoSP20 [751], Ham20a [378], Polo-MejiaALB20 [704], BenediktMH20 [116], TangB20 [813], SenderovichBB19 [777], UnsalO19 [851], MurinR19 [623], ParkUJR19 [685], abs-1911-04766 [329]... (Total: 38) |
| Constraints | geost | BeldiceanuCDP11 [109] | LetortBC12 [526], PembertonG98 [686] | FrankDT16 [307], Letort13 [525], Schutt11 [765], Malapert11 [578], BeldiceanuCP08 [110] |
| Constraints | noOverlap | IsikYA23 [445], JuvinHHL23 [456], ZhuSZW23 [930], abs-2305-19888 [408], NaderiRR23 [637], PopovicCGNC22 [705], HeinzNVH22 [407], ColT22 [224], VlkHT21 [873], MengLZB21 [598], RoshanaeiN21 [745], Groleaz21 [363], QinDCS20 [717], Lunardi20 [568], LunardiBLRV20 [567], GedikKEK18 [326], MelgarejoLS15 [16] | abs-2306-05747 [818], KimCMLLP23 [476], LacknerMMWW23 [515], TasselGS23 [817], NaderiBZ22a [631], PohlAK22 [702], AwadMDMT22 [54], YuraszeckMPV22 [907], AbreuN22 [233], SvancaraB22 [807], KlankeBYE21 [479], Bedhief21 [103], BenderWS21 [114], ZouZ20 [933], Ham20a [378], BenediktMH20 [116], SacramentoSP20 [751], RoshanaeiBAUB20 [742], MengZRZL20 [599], YounespourAKE19 [902], MurinR19 [623], EscobetPQPRA19 [279], Novas19 [652], MalapertN19 [582], abs-1911-04766 [329], LaborieRSV18 [512], Ham18a [377], ZhangW18 [923], ArbaouiY18 [35]... (Total: 40) | BonninMNE24 [154], LuZZYW24 [564], JuvinHL23a [459], AbreuNP23 [234], SquillaciPR23 [798], NaderiBZ23 [634], YuraszeckMC23 [906], AalianPG23 [1], AbreuPNF23 [5], JuvinHL23 [458], CzerniachowskaWZ23 [222], MarliereSPR23 [587], WinterMMW22 [889], Teppan22 [820], NaderiBZ22 [633], YunusogluY22 [905], CampeauG22 [178], OujanaAYB22 [673], ArmstrongGOS22 [39], TouatBT22 [834], EmdeZD22 [274], ZhangJZL22 [920], JuvinHL22 [457], OrnekOS20 [669], HamP21 [381], HamPK21 [382], AbreuAPNM21 [232], LacknerMMWW21 [514], GroleazNS20 [365]... (Total: 52) |
| Constraints | regular expression | | WessenCSFPM23 [887], FrimodigS19 [312] | HookerH17 [436], LarsonJC14 [519] |
| Constraints | span constraint | | Groleaz21 [363], CappartS17 [179], LaborieR14 [513], SchuttFS13 [768], Lombardi10 [548], LombardiM10a [552], Darby-DowmanLMZ97 [228] | ZhangBB22 [921], AwadMDMT22 [54], OujanaAYB22 [673], ZouZ20 [933], TangB20 [813], YounespourAKE19 [902], LaborieRSV18 [512], SimoninAHL15 [787], SimoninAHL12 [786], SchuttFSW11 [771], GetoorOFC97 [337] |
| Constraints | table constraint | FalqueALM24 [291], LiuLH18 [541], ReddyFIBKAJ11 [726], LombardiM10a [552], Lombardi10 [548], Baptiste02 [62], PapaB98 [684] | MarliereSPR23 [587], JelinekB16 [450], LombardiMRB10 [558] | PerezGSL23 [689], abs-2312-13682 [690], ArmstrongGOS21 [38], LiuLH19a [542], CauwelaertLS18 [196], Siala15 [783], GayHS15 [323], PesantRR15 [694], MelgarejoLS15 [16], Siala15a [784], CauwelaertLS15 [195], LimtanyakulS12 [539], BeniniLMR11 [123], BeckFW11 [93], HermenierDL11 [415], LopesCSM10 [559], MouraSCL08 [621], Perron05 [691], GodardLN05 [343], Laborie03 [508], ElkhyariGJ02 [272], WallaceF00 [878] |

## 7.4 Concept Type ProgLanguages

Table 14: Works for Concepts of Type ProgLanguages (Total 7 Concepts, 7 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ProgLanguages | C | KoehlerBFFHPSSS21 [483] | | FalqueALM24 [291], EmdeZD22 [274], HubnerGSV21 [440], ThomasKS20 [827], FachiniA20 [285], BogaerdtW19 [857], TangLWSK18 [814], LaborieRSV18 [512], HoYCLLCLC18 [420], LombardiMRB10 [558], Lombardi10 [548], LombardiM10a [552], Laborie09 [510], GarridoOS08 [321], Layfield02 [522], BeckDDF98 [89], EskeyZ90 [280], Prosser89 [712] |
| ProgLanguages | C++ | ChunCTY99 [206], Pape94 [681] | BourreauGGLT22 [162], Demassey03 [241], PapeB97 [683] | BonninMNE24 [154], TardivoDFMP23 [815], JuvinHHL23 [456], ColT22 [224], NaderiBZ22a [631], PopovicCGNC22 [705], QinWSLS21 [716], Lemos21 [524], Astrand21 [50], AntuoriHHEN21 [32], AbreuAPNM21 [232], Mercier-AubinGQ20 [602], Polo-MejiaALB20 [704], RoshanaeiBAUB20 [742], AstrandJZ20 [53], TanZWGQ19 [812], Caballero19 [174], abs-1902-01193 [20], LaborieRSV18 [512], TranPZLDB18 [839], ArbaouiY18 [35], NattafAL17 [641], GomesM17 [355], Tesch16 [823], Bonfietti16 [146], BoothTNB16 [156], Nattaf16 [639], BoothNB16 [155], NattafALR16 [642]... (Total: 88) |
| ProgLanguages | Java | abs-2102-08778 [217], Malapert11 [578], WolfS05a [893] | Froger16 [313], Wolf11 [892], Kuchcinski03 [503], KuchcinskiW03 [504] | LuZZYW24 [564], FalqueALM24 [291], KameugneFND23 [464], TasselGS23 [817], AlfieriGPS23 [25], abs-2306-05747 [818], FetgoD22 [298], Teppan22 [820], MullerMKP22 [622], ColT22 [224], YuraszeckMPV22 [907], OuelletQ22 [672], Groleaz21 [363], AntuoriHHEN21 [32], KletzanderMH21 [482], ArmstrongGOS21 [38], Lemos21 [524], FanXG21 [292], SacramentoSP20 [751], ThomasKS20 [827], BarzegaranZP20 [84], CauwelaertDS20 [197], MejiaY20 [593], TangB20 [813], FrohnerTR19 [314], Tom19 [830], abs-1911-04766 [329], ColT19 [218], GeibingerMM19 [330]... (Total: 69) |
| ProgLanguages | Julia | | | ElciOH22 [268], HebrardALLCMR22 [396], Groleaz21 [363], Astrand21 [50], CatusseCBL16 [193] |
| ProgLanguages | Lisp | Pape94 [681] | MorgadoM97 [618] | Hunsberger08 [441], CestaOS00 [201], CestaOF99 [200], AbdennadherS99 [2], OddiS97 [665], SadehF96 [752], Wallace96 [875], WeilHFP95 [885], SmithC93 [796], MintonJPL92 [611], Hamscher91 [386], MintonJPL90 [610] |
| ProgLanguages | Prolog | ArmstrongGOS21 [38], WolfS05a [893], AbdennadherS99 [2], HookerO99 [433], Simonis99 [790], Zhou97 [927], LammaMM97 [518], FalaschiGMP97 [289], Wallace96 [875], Touraivane95 [835], Simonis95a [788], Simonis95 [789], DincbasSH90 [252] | BadicaBI20 [55], MossigeGSMC17 [619], Madi-WambaLOBM17 [574], Malapert11 [578], MartinPY01 [589], SimonisCK00 [792], JoLLH99 [451], RodosekW98 [735], Zhou96 [926], WeilHFP95 [885], SimonisC95 [793], BeldiceanuC94 [111], AggounB93 [13] | PopovicCGNC22 [705], ArmstrongGOS22 [39], ZarandiASC20 [912], YangSS19 [899], abs-1902-01193 [20], CauwelaertLS18 [196], German18 [335], JelinekB16 [450], LetortCB15 [528], Kameugne14 [461], LetortCB13 [527], Letort13 [525], Clercq12 [235], LetortBC12 [526], TrojetHL11 [847], Schutt11 [765], BeldiceanuCDP11 [109], Menana11 [594], BartakCS10 [77], AronssonBK09 [41], BeldiceanuCP08 [110], ClautiauxJCM08 [211], KrogtLPHJ07 [858], Simonis07 [791], QuSN06 [719], Geske05 [336], RoePS05 [741], PoderBS04 [701], MeyerE04 [605]... (Total: 49) |

Table 14: Works for Concepts of Type ProgLanguages (Total 7 Concepts, 7 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ProgLanguages | Python | FalqueALM24 [291], KoehlerBFFHPSSS21 [483] | ForbesHJST24 [303], GuoZ23 [373], Fatemi-AnarakiTFV23 [294], abs-2211-14492 [804], AbreuN22 [233], AbreuAPNM21 [232], LaborieRSV18 [512] | LiLZDZW24 [530], FrimodigECM23 [311], KimCMLLP23 [476], SquillaciPR23 [798], NaderiBZ23 [634], Mehdizadeh-Somarin23 [592], MontemanniD23 [617], AbreuPNF23 [5], EfthymiouY23 [267], NaderiBZR23 [632], AbreuNP23 [234], NaderiRR23 [637], PovedaAA23 [707], MontemanniD23a [616], AkramNHRSA23 [19], MullerMKP22 [622], FetgoD22 [298], LuoB22 [570], CampeauG22 [178], ZhangBB22 [921], PohlAK22 [702], EtminaniesfahaniGNMS22 [282], HanenKP21 [387], KlankeBYE21 [479], Lemos21 [524], AbohashimaEG21 [4], FanXG21 [292], BenderWS21 [114], Lunardi20 [568]... (Total: 44) |

## 7.5 Concept Type CPSystems

Table 15: Works for Concepts of Type CPSystems (Total 19 Concepts, 19 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| CPSystems | CHIP | TrojetHL11 [847], Simonis07 [791], Kuchcinski03 [503], BosiM2001 [158], SimonisCK00 [792], Simonis99 [790], GruianK98 [367], PapeB97 [683], Wallace96 [875], SimonisC95 [793], Simonis95a [788], Simonis95 [789], Goltz95 [352], BeldiceanuC94 [111], AggounB93 [13], DincbasS91 [251], DincbasSH90 [252] | ArmstrongGOS21 [38], YangSS19 [899], LaborieRSV18 [512], HookerH17 [436], Geske05 [336], PoderBS04 [701], Timpe02 [829], BeldiceanuC01 [107], HookerO99 [433], JoLLH99 [451], Beck99 [85], RodosekW98 [735], Zhou97 [927], LammaMM97 [518] | PrataAN23 [710], TardivoDFMP23 [815], KameugneFND23 [464], BourreauGGLT22 [162], PopovicCGNC22 [705], LuoB22 [570], FetgoD22 [298], Godet21a [344], KlankeBYE21 [479], GodetLHS20 [345], Caballero19 [174], abs-1902-01193 [20], GoldwaserS18 [351], BaptisteB18 [64], KameugneFGOQ18 [463], CauwelaertLS18 [196], GokgurHO18 [349], MossigeGSMC17 [619], Pralet17 [708], KreterSS17 [500], Madi-WambaB16 [573], FontaineMH16 [302], Dejemeppe16 [238], Fahimi16 [286], LetortCB15 [528], SimoninAHL15 [787], Siala15 [783], ZhouGL15 [928], Siala15a [784]... (Total: 94) |
| CPSystems | CPO | CzerniachowskaWZ23 [222], NaderiRR23 [637], JuvinHL23a [459], LacknerMMWW23 [515], JuvinHHL23 [456], Bit-Monnot23 [132], NaderiBZ23 [634], WinterMMW22 [889], ColT22 [224], ZhangBB22 [921], NaderiBZ22 [633], RoshanaeiN21 [745], Zahout21 [909], LacknerMMWW21 [514], Groleaz21 [363], ArmstrongGOS21 [38], ThomasKS20 [827], Lunardi20 [568], NattafM20 [645], GroleazNS20 [365], Polo-MejiaALB20 [704], GroleazNS20a [364], SacramentoSP20 [751], GeibingerMM19 [330], ColT19 [218], ColT2019a [223], MalapertN19 [582], CappartTSR18 [180], LaborieRSV18 [512]... (Total: 34) | AalianPG23 [1], JuvinHL22 [457], HamP21 [381], abs-1911-04766 [329], Dejemeppe16 [238], GrimesH15 [360], NuijtenA96 [658], NuijtenA94 [657] | JuvinHL23 [458], PovedaAA23 [707], NaderiBZ22a [631], OujanaAYB22 [673], GeibingerMM21 [331], abs-2102-08778 [217], TangB20 [813], Caballero19 [174], Ham18a [377], Laborie18a [511], Pralet17 [708], VilimLS15 [871], BartakSR10 [79], Vilim09 [866], GarridoAO09 [320], GarridoOS08 [321], BeldiceanuC94 [111] |
| CPSystems | Choco Solver | TasselGS23 [817], abs-2306-05747 [818], Godet21a [344], LiuLH18 [541], German18 [335], Fahimi16 [286], LetortCB15 [528], Derrien15 [244], LetortCB13 [527], Letort13 [525], OuelletQ13 [670], LetortBC12 [526], Malapert11 [578], Menana11 [594], abs-0907-0939 [696], GarridoAO09 [320], GrimesHM09 [361], GarridoOS08 [321], Elkhyari03 [271], BenoistGR02 [124] | KameugneFND23 [464], MullerMKP22 [622], FetgoD22 [298], AntuoriHHEN21 [32], AntuoriHHEN20 [31], LiuLH19 [543], LiuLH19a [542], FahimiOQ18 [287], LaborieRSV18 [512], KameugneFGOQ18 [463], Froger16 [313], GayHS15 [323], KoschB14 [489], DerrienP14 [245], DerrienPZ14 [246], Kameugne14 [461], Clercq12 [235], MalapertCGJLR12 [579], ClercqPBJ11 [213], HermenierDL11 [415], MeskensDHG11 [603], HladikCDJ08 [419] | FalqueALM24 [291], BourreauGGLT22 [162], OuelletQ22 [672], Groleaz21 [363], Ham20a [378], GodetLHS20 [345], YangSS19 [899], OuelletQ18 [671], GingrasQ16 [341], AmadiniGM16 [27], Madi-WambaB16 [573], MurphyMB15 [625], EvenSH15 [283], GrimesH15 [360], EvenSH15a [284], BessiereHMQW14 [127], MalapertCGJLR13 [580], SimonisH11 [794], BartakSR10 [79], RossiTHP07 [746], CorreaLR07 [220], CambazardJ05 [177], Baptiste02 [62] |
| CPSystems | Chuffed | LacknerMMWW23 [515], PovedaAA23 [707], MullerMKP22 [622], BoudreaultSLQ22 [160], LacknerMMWW21 [514], GeibingerMM21 [331], Godet21a [344], ArmstrongGOS21 [38], KoehlerBFFHPSSS21 [483], GodetLHS20 [345], WallaceY20 [877], abs-1911-04766 [329], KreterSSZ18 [501], KreterSS17 [500], YoungFS17 [903], SzerediS16 [808], KreterSS15 [499] | GoldwaserS18 [351] | FrimodigECM23 [311], Caballero19 [174], SchuttS16 [774] |
| CPSystems | Claire | Nattaf16 [639], Siala15a [784], Siala15 [783], Malapert11 [578], Demassey03 [241], Elkhyari03 [271], BaptisteP00 [69], PapeB97 [683] | Zahout21 [909], Menana11 [594], BaptisteP97 [68] | HebrardALLCMR22 [396], Godet21a [344], HanenKP21 [387], PachecoPR19 [678], Derrien15 [244], Kameugne14 [461], Letort13 [525], Baptiste02 [62], BenoistGR02 [124], DraperJCJ99 [261], BaptistePN99 [66], PapaB98 [684] |

Table 15: Works for Concepts of Type CPSystems (Total 19 Concepts, 19 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| CPSystems | Cplex | GuoZ23 [373], ZhuSZW23 [930], CzerniachowskaWZ23 [222], NaderiBZ23 [634], AfsarVPG23 [12], NaderiBZR23 [632], Adelgren2023 [11], NaderiRR23 [637], MengGRZSC22 [597], ElciOH22 [268], OrnekOS20 [669], SubulanC22 [801], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], EmdeZD22 [274], MullerMKP22 [622], NaderiBZ22 [633], BourreauGGLT22 [162], WinterMMW22 [889], RoshanaeiN21 [745], Edis21 [263], HubnerGSV21 [440], KoehlerBFFHPSSS21 [483], PandeyS21a [680], Bedhief21 [103], Lemos21 [524], Groleaz21 [363], HamPK21 [382], GeibingerKKMMW21 [328]... (Total: 69) | BonninMNE24 [154], LacknerMMWW23 [515], Fatemi-AnarakiTFV23 [294], Mehdizadeh-Somarin23 [592], AbreuNP23 [234], MarliereSPR23 [587], IsikYA23 [445], CampeauG22 [178], LuoB22 [570], TouatBT22 [834], NaderiBZ22a [631], YunusogluY22 [905], ColT22 [224], LacknerMMWW21 [514], MengLZB21 [598], Zahout21 [909], KovacsTKSG21 [498], QinWSLS21 [716], ArmstrongGOS21 [38], Ham20a [378], MokhtarzadehTNF20 [613], HauderBRPA20 [394], NattafM20 [645], WallaceY20 [877], MalapertN19 [582], NattafHKAL19 [644], abs-1902-09244 [393], TanZWGQ19 [812], Novas19 [652]... (Total: 77) | LuZZYW24 [564], BofillCGGPSV23 [141], JuvinHL23 [458], AbreuPNF23 [5], PovedaAA23 [707], AlakaP23 [22], SquillaciPR23 [798], FrimodigECM23 [311], GurPAE23 [374], YuraszeckMCCR23 [908], JuvinHL23a [459], AlfieriGPS23 [25], PenzDN23 [688], AalianPG23 [1], JuvinHL22 [457], PohlAK22 [702], AbreuN22 [233], FarsiTM22 [293], PopovicCGNC22 [705], BulckG22 [855], abs-2211-14492 [804], YuraszeckMPV22 [907], abs-2102-08778 [217], GeibingerMM21 [331], Astrand21 [50], KletzanderMH21 [482], ArtiguesHQT21 [45], HamP21 [381], KlankeBYE21 [479]... (Total: 141) |
| CPSystems | ECLiPSe | BadicaBI20 [55], BadicaBIL19 [56], RoePS05 [741], EreminW01 [276], RodosekWH99 [736], RodosekW98 [735] | Kameugne14 [461], SchuttFSW11 [771], Malapert11 [578], Schutt11 [765], MilanoW09 [609], LiW08 [529], Wallace06 [876], MilanoW06 [608], KanetAG04 [468], KamarainenS02 [460], Simonis99 [790], Darby-DowmanLMZ97 [228], Wallace96 [875] | FanXG21 [292], MejiaY20 [593], WikarekS19 [888], HookerH17 [436], HarjunkoskiMBC14 [390], Clercq12 [235], ZeballosNH11 [917], ZeballosQH10 [918], LombardiMRB10 [558], Zeballos10 [913], SchuttFSW09 [769], BeniniBGM06 [120], QuirogaZH05 [720], BeniniBGM05 [118], ChuX05 [205], HarjunkoskiG02 [388], Baptiste02 [62], MartinPY01 [589], JainG01 [448], HarjunkoskiJG00 [389], PesantGPR99 [693], LammaMM97 [518] |
| CPSystems | Gecode | TardivoDFMP23 [815], Astrand21 [50], GokGSTO20 [347], BadicaBI20 [55], AstrandJZ20 [53], BadicaBIL19 [56], Fahimi16 [286], SzerediS16 [808], ZhouGL15 [928], GayHS15 [323], Kameugne14 [461], KameugneFSN14 [467], LarsonJC14 [519], OhrimenkoSC09 [666] | FrimodigECM23 [311], MullerMKP22 [622], AntuoriHHEN21 [32], Groleaz21 [363], GeibingerKKMMW21 [328], Astrand0F21 [51], FrohnerTR19 [314], GeibingerMM19 [330], abs-1911-04766 [329], LaborieRSV18 [512], BurtLPS15 [172], BofillEGPSV14 [144], LozanoCDS12 [563], Malapert11 [578], KovacsK11 [495], KameugneFSN11 [466], ThiruvadyBME09 [825] | WessenCSFPM23 [887], BofillCGGPSV23 [141], ArmstrongGOS21 [38], WessenCS20 [886], WallaceY20 [877], MengZRZL20 [599], YangSS19 [899], FrimodigS19 [312], MusliuSS18 [630], GoldwaserS18 [351], CauwelaertLS18 [196], AstrandJZ18 [52], GedikKBR17 [327], GoldwaserS17 [350], Dejemeppe16 [238], AmadiniGM16 [27], PesantRR15 [694], HarjunkoskiMBC14 [390], LombardiMB13 [557], Clercq12 [235], MonetteDD07 [614] |
| CPSystems | Gurobi | WangB23 [880], Adelgren2023 [11], LacknerMMWW23 [515], NaderiRR23 [637], WinterMMW22 [889], ZhangBB22 [921], LacknerMMWW21 [514], KoehlerBFFHPSSS21 [483], Lemos21 [524], KovacsTKSG21 [498], GeibingerKKMMW21 [328], FachiniA20 [285], WangB20 [879], GokGSTO20 [347], WallaceY20 [877], FrohnerTR19 [314], MusliuSS18 [630], GombolayWS18 [353], RoshanaeiLAU17 [744], KuB16 [502] | ForbesHJST24 [303], GuoZ23 [373], Groleaz21 [363], VlkHT21 [873], GoldwaserS18 [351], GoldwaserS17 [350], Froger16 [313], FontaineMH16 [302], LimBTBB15a [536] | abs-2305-19888 [408], KimCMLLP23 [476], MontemanniD23 [617], Tassel22 [816], HeinzNVH22 [407], BulckG22 [855], MengGRZSC22 [597], PohlAK22 [702], AbohashimaEG21 [4], MengLZB21 [598], HubnerGSV21 [440], FanXG21 [292], KlankeBYE21 [479], BenediktMH20 [116], MengZRZL20 [599], He0GLW18 [395], DemirovicS18 [243], BenediktSMVH18 [117], TranAB16 [836], AmadiniGM16 [27], BurtLPS15 [172], PesantRR15 [694], HarjunkoskiMBC14 [390] |
| CPSystems | Ilog Scheduler | Malapert11 [578], GrimesH11 [359], ZeballosQH10 [918], Laborie03 [508] | LaborieRSV18 [512], LimtanyakulS12 [539], HeinzB12 [402], NovasH12 [654], HeckmanB11 [401], BeckFW11 [93], Zeballos10 [913], RodriguezS09 [740], GrimesHM09 [361], RenT09 [728], WatsonB08 [884], Rodriguez07b [738], ZeballosH05 [915], BeckR03 [99], JainG01 [448], Beck99 [85], NuijtenP98 [659] | Laborie18a [511], KuB16 [502], Fahimi16 [286], TranWDRFOVB16 [843], SchuttS16 [774], GrimesH15 [360], TerekhovTDB14 [822], NovasH14 [655], UnsalO13 [850], TerekhovDOB12 [821], Schutt11 [765], ZeballosNH11 [917], SchuttFSW11 [771], LahimerLH11 [516], BeniniLMR11 [123], KovacsB11 [493], HachemiGR11 [376], OzturkTHO10 [675], abs-1009-0347 [770], ChenGPSH10 [203], TanSD10 [811], LopesCSM10 [559], NovasH10 [653], BidotVLB09 [130], CarchraeB09 [181], RuggieroBBMA09 [748], Vilim09a [867], BeniniLMMR08 [121], MouraSCL08a [620]... (Total: 67) |

Table 15: Works for Concepts of Type CPSystems (Total 19 Concepts, 19 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| CPSystems | Ilog Solver | | GrimesH11 [359], ZeballosNH11 [917], Zeballos10 [913], ZeballosQH10 [918], LiW08 [529], SchausD08 [760], HarjunkoskiG02 [388], JainG01 [448], Refalo00 [727], HarjunkoskiJG00 [389], PesantGPR99 [693], PapeB97 [683] | abs-1902-01193 [20], LaborieRSV18 [512], HookerH17 [436], ZarandiKS16 [911], Dejemeppe16 [238], AlesioBNG15 [24], Siala15 [783], Siala15a [784], PesantRR15 [694], BonfiettiLBM14 [149], NovasH14 [655], LombardiMB13 [557], OzturkTHO13 [676], TerekhovDOB12 [821], LombardiM12a [554], HeinzB12 [402], BonfiettiLBM12 [148], NovasH12 [654], BajestaniB11 [57], BandaSC11 [236], KelbelH11 [470], KovacsK11 [495], KovacsB11 [493], BonfiettiLBM11 [147], TopaloglуO11 [831], Schutt11 [765], Beck10 [88], LombardiM10 [553], abs-1009-0347 [770]... (Total: 78) |
| CPSystems | MiniZinc | LacknerMMWW23 [515], WessenCSFPM23 [887], TardivoDFMP23 [815], BoudreaultSLQ22 [160], MullerMKP22 [622], JungblutK22 [453], ColT22 [224], KoehlerBFFHPSSS21 [483], ArmstrongGOS21 [38], LacknerMMWW21 [514], Mercier-AubinGQ20 [602], WallaceY20 [877], FrohnerTR19 [314], abs-1911-04766 [329], ColT2019a [223], GeibingerMM19 [330], ColT19 [218], HookerH17 [436], YoungFS17 [903], LiuCGM17 [546], SzerediS16 [808], AmadiniGM16 [27], BofillEGPSV14 [144], KelarevaTK13 [469] | FalqueALM24 [291], PovedaAA23 [707], Godet21a [344], GokGSTO20 [347], MusliuSS18 [630], KreterSS17 [500], KreterSS15 [499], LarsonJC14 [519] | Bit-Monnot23 [132], BofillCGGPSV23 [141], FrimodigECM23 [311], OuelletQ22 [672], abs-2102-08778 [217], GeibingerKKMMW21 [328], FrimodigS19 [312], Caballero19 [174], abs-1901-07914 [106], Hooker19 [432], BehrensLM19 [105], CappartTSR18 [180], KreterSSZ18 [501], DemirovicS18 [243], ErkingerM17 [277], TranVNB17 [841], FontaineMH16 [302], SchuttS16 [774], BurtLPS15 [172], SchuttFS13 [768], HeinzSB13 [406] |
| CPSystems | Mistral | JuvinHHL23 [456], Siala15a [784], Siala15 [783], Malapert11 [578], GrimesHM09 [361] | Bit-Monnot23 [132], Kameugne14 [461], BillautHL12 [131] | GrimesH15 [360], SialaAH15 [785] |
| CPSystems | OPL | LacknerMMWW23 [515], GuoZ23 [373], YunusogluY22 [905], MullerMKP22 [622], TouatBT22 [834], ColT22 [224], PandeyS21a [680], KoehlerBFFHPSSS21 [483], LacknerMMWW21 [514], QinDCS20 [717], Novas19 [652], EscobetPQPRA19 [279], LaborieRSV18 [512], TangLWSK18 [814], QinDS16 [718], Dejemeppe16 [238], NovaraNH16 [651], AlesioNBG14 [247], LouieVNB14 [562], ArtiguesLH13 [47], NovasH12 [654], HachemiGR11 [376], ZeballosNH11 [917], ZeballosQH10 [918], Zeballos10 [913], ZeballosCM10 [914], Laborie09 [510], LiW08 [529], KhayatLR06 [474]... (Total: 34) | LuZZYW24 [564], AwadMDMT22 [54], Teppan22 [820], SubulanC22 [801], MengLZB21 [598], Mercier-AubinGQ20 [602], ZarandiASC20 [912], ZouZ20 [933], MurinR19 [623], Laborie18a [511], CappartTSR18 [180], HookerH17 [436], OrnekO16 [668], WangMD15 [881], LimBTBB15 [537], EvenSH15a [284], NovasH14 [655], HarjunkoskiMBC14 [390], ChunS14 [207], HamdiL13 [385], OzturkTHO13 [676], HeinzB12 [402], SerraNM12 [778], EdisO11 [264], TopaloglуO11 [831], ZibranR11a [932], KelbelH11 [470], Menana11 [594], NovasH10 [653]... (Total: 55) | abs-2402-00459 [647], FalqueALM24 [291], ForbesHJST24 [303], YuraszeckMCCR23 [908], CzerniachowskaWZ23 [222], MontemanniD23 [617], IsikYA23 [445], PerezGSL23 [689], EfthymiouY23 [267], AbreuPNF23 [5], abs-2312-13682 [690], GurPAE23 [374], Fatemi-AnarakiTFV23 [294], GokPTGO23 [348], AbreuNP23 [234], ArmstrongGOS22 [39], LiFJZLL22 [531], ZhangBB22 [921], BoudreaultSLQ22 [160], MengGRZSC22 [597], GeitzGSSW22 [332], OujanaAYB22 [673], VlkHT21 [873], HamPK21 [382], QinWSLS21 [716], Astrand21 [50], Lemos21 [524], Bedhief21 [103], Groleaz21 [363]... (Total: 138) |
| CPSystems | OR-Tools | abs-2402-00459 [647], LacknerMMWW23 [515], ColT22 [224], MullerMKP22 [622], abs-2211-14492 [804], Groleaz21 [363], abs-2102-08778 [217], KovacsTKSG21 [498], KoehlerBFFHPSSS21 [483], LacknerMMWW21 [514], FachiniA20 [285], FallahiAC20 [290], ColT19 [218], ColT2019a [223], GayHS15 [323] | EfthymiouY23 [267], BoudreaultSLQ22 [160], Godet21a [344], GeibingerKKMMW21 [328], BarzegaranZP20 [84], ThomasKS20 [827], LiuCGM17 [546], Dejemeppe16 [238] | Bit-Monnot23 [132], KimCMLLP23 [476], MontemanniD23 [617], AkramNHRSA23 [19], MontemanniD23a [616], IklassovMR023 [444], Teppan22 [820], EtminaniesfahaniGNMS22 [282], Tassel22 [816], KlankeBYE21 [479], MengZRZL20 [599], GroleazNS20 [365], GalleguillosKSB19 [317], YangSS19 [899], BehrensLM19 [105], abs-1901-07914 [106], PourDERB18 [706], GedikKBR17 [327], BonfiettiZLM16 [153], AmadiniGM16 [27], ZhouGL15 [928], LombardiMB13 [557], LombardiM12 [555] |
| CPSystems | OZ | Layfield02 [522] | ZeballosNH11 [917], MaraveliasG04 [586], BeldiceanuC94 [111] | Froger16 [313], LudwigKRBMS14 [566], KorbaaYG99 [487] |

Table 15: Works for Concepts of Type CPSystems (Total 19 Concepts, 19 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| CPSystems | SCIP | Caballero19 [174], SchnellH17 [764], KuB16 [502], SchnellH15 [763], HeinzSB13 [406], HeinzB12 [402], MilanoW09 [609], AchterbergBKW08 [8] | BofillCSV17 [143], HookerH17 [436], TranAB16 [836], BofillEGPSV14 [144], SchuttFS13a [767], HeinzKB13 [403], CireCH13 [209] | GuoZ23 [373], NaderiRR23 [637], Groleaz21 [363], WikarekS19 [888], SzerediS16 [808], KinsellaS0OS16 [477], QinDS16 [718], HarjunkoskiMBC14 [390], KelarevaTK13 [469], ZampelliVSDR13 [910], Schutt11 [765], HeinzS11 [405], BertholdHLMS10 [126] |
| CPSystems | SICStus | ArmstrongGOS21 [38], LetortCB15 [528], Letort13 [525], LetortCB13 [527], LetortBC12 [526], WolfS05a [893] | MossigeGSMC17 [619], Kameugne14 [461], Schutt11 [765], Malapert11 [578], SchuttFSW11 [771], QuSN06 [719] | PopovicCGNC22 [705], ArmstrongGOS22 [39], YangSS19 [899], German18 [335], Madi-WambaLOBM17 [574], JelinekB16 [450], Clercq12 [235], BeldiceanuCDP11 [109], TrojetHL11 [847], BartakCS10 [77], Wolf09 [895], SchuttFSW09 [769], BeldiceanuCP08 [110], ClautiauxJCM08 [211], Geske05 [336], MeyerE04 [605], Kuchcinski03 [503], Bartak02 [75], BeldiceanuC02 [108], BeldiceanuC01 [107], Simonis99 [790], CarlssonKA99 [190], GetoorOFC97 [337] |
| CPSystems | Z3 | Edis21 [263], KoehlerBFFHPSSS21 [483], GokGSTO20 [347], YounespourAKE19 [902], ErkingerM17 [277], Menana11 [594], SureshMOK06 [806] | NaderiRR23 [637], VlkHT21 [873], WikarekS19 [888], ArkhipovBL19 [37], German18 [335], LimBTBB15a [536], ZeballosCM10 [914], ClautiauxJCM08 [211], Baptiste02 [62], Zhou97 [927] | KotaryFH22 [490], Groleaz21 [363], Caballero19 [174], ZhangW18 [923], BofillCSV17 [143], BertholdHLMS10 [126], Rodriguez07 [737], Rodriguez07b [738], Wallace06 [876], Layfield02 [522], Zhou96 [926] |

## 7.6 Concept Type ApplicationAreas

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | COVID | GuoZ23 [373] | GeibingerKKMMW21 [328] | FalqueALM24 [291], BonninMNE24 [154], Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], JuvinHL23a [459], GurPAE23 [374], OujanaAYB22 [673], Lemos21 [524] |
| ApplicationAreas | HVAC | LimHTB16 [535], LimBTBB15 [537], LimBTBB15a [536], GrimesIOS14 [362] | | |
| ApplicationAreas | agriculture | | | AkramNHRSA23 [19], Astrand0F21 [51], HamPK21 [382], Astrand21 [50], BenderWS21 [114], QinWSLS21 [716], MejiaY20 [593] |
| ApplicationAreas | aircraft | GokPTGO23 [348], PohlAK22 [702], OrnekOS20 [669], WangB20 [879], GokGSTO20 [347], TranDRFWOVB16 [838], Fahimi16 [286], BajestaniB13 [58], LombardiM12 [555], BajestaniB11 [57], Gronkvist06 [366], ArtiouchineB05 [49], FrankK05 [309], FrankK03 [308], Simonis99 [790], ChunCTY99 [206], JoLLH99 [451] | WangB23 [880], GombolayWS18 [353], Ham18 [383], Simonis07 [791], KusterJF07 [506], SakkoutW00 [756], Simonis95a [788] | FalqueALM24 [291], PrataAN23 [710], PovedaAA23 [707], Adelgren2023 [11], ElciOH22 [268], Tassel22 [816], EtminaniesfahaniGNMS22 [282], HamP21 [381], HauderBRPA20 [394], ZarandiASC20 [912], abs-1902-09244 [393], Hooker19 [432], LaborieRSV18 [512], AgussurjaKL18 [17], HookerH17 [436], TranAB16 [836], AlesioBNG15 [24], LaborieR14 [513], Lombardi10 [548], Laborie09 [510], KovacsB08 [492], HladikCDJ08 [419], KrogtLPHJ07 [858], CambazardHDJT04 [176], MartinPY01 [589], SimonisCK00 [792], GruianK98 [367], Darby-DowmanLMZ97 [228], SadehF96 [752]... (Total: 33) |
| ApplicationAreas | airport | FalqueALM24 [291], ForbesHJST24 [303], GokPTGO23 [348], PohlAK22 [702], OrnekOS20 [669], WangB20 [879], GokGSTO20 [347], TranDRFWOVB16 [838], Simonis07 [791], Gronkvist06 [366], FrankK05 [309], FrankK03 [308], ChunCTY99 [206], JoLLH99 [451], DincbasS91 [251] | WangB23 [880], ZarandiASC20 [912], ChunS14 [207], GarridoAO09 [320], KusterJF07 [506], Mason01 [591], Simonis99 [790], Puget95 [713] | SquillaciPR23 [798], NaderiRR23 [637], BourreauGGLT22 [162], Lunardi20 [568], DemirovicS18 [243], HurleyOS16 [442], Fahimi16 [286], HarjunkoskiMBC14 [390], ArtiouchineB05 [49], Elkhyari03 [271], Wallace96 [875] |
| ApplicationAreas | astronomy | | FrankK05 [309] | CatusseCBL16 [193], LiW08 [529], Johnston05 [212], FrankK03 [308], MintonJPL92 [611], MintonJPL90 [610] |
| ApplicationAreas | automotive | | GuoZ23 [373], NaderiBZ23 [634], YuraszeckMPV22 [907], EmdeZD22 [274], Groleaz21 [363], AlesioBNG15 [24], LimtanyakulS12 [539], SunLYL10 [805], Lombardi10 [548], BarlattCG08 [73], SchildW00 [762] | LuZZYW24 [564], NaderiRR23 [637], NaderiBZR23 [632], PovedaAA23 [707], CzerniachowskaWZ23 [222], NaderiBZ22a [631], NaderiBZ22 [633], HubnerGSV21 [440], VlkHT21 [873], RoshanaeiN21 [745], AntuoriHHEN21 [32], AbreuAPNM21 [232], KoehlerBFFHPSSS21 [483], BarzegaranZP20 [84], abs-1911-04766 [329], TanZWGQ19 [812], GeibingerMM19 [330], BonfiettiZLM16 [153], SchnellH15 [763], Siala15 [783], Siala15a [784], LudwigKRBMS14 [566], AlesioNBG14 [247], HarjunkoskiMBC14 [390], HladikCDJ08 [419], BeniniBGM06 [120], KovacsV06 [497], BeniniBGM05 [118], CambazardHDJT04 [176], Wallace96 [875] |
| ApplicationAreas | break minimization problem | | | RasmussenT09 [725] |
| ApplicationAreas | business process | BadicaBI20 [55], LombardiM10a [552], Lombardi10 [548], RoweJCA96 [747] | SenderovichBB19 [777] | SubulanC22 [801], Groleaz21 [363], Zahout21 [909], ZarandiASC20 [912], BadicaBIL19 [56], Jans09 [449], Simonis07 [791], SimonisCK00 [792], Simonis99 [790], BeckF98 [94], Simonis95a [788] |
| ApplicationAreas | cable tree | KoehlerBFFHPSSS21 [483] | | |
| ApplicationAreas | car manufacturing | | AntuoriHHEN21 [32] | BeldiceanuC94 [111] |

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | container terminal | QinDCS20 [717], SacramentoSP20 [751], SunTB19 [803], UnsalO19 [851], ZampelliVSDR13 [910], UnsalO13 [850] | LaborieRSV18 [512], QinDS16 [718] | LuZZYW24 [564], abs-2312-13682 [690], PerezGSL23 [689], TouatBT22 [834], ZarandiASC20 [912], FallahiAC20 [290], CauwelaertDS20 [197], WallaceY20 [877], Hooker19 [432], Dejemeppe16 [238], CauwelaertDMS16 [194], DejemeppeCS15 [239], NovasH12 [654], CorreaLR07 [220], LimRX04 [534] |
| ApplicationAreas | crew-scheduling | ZarandiASC20 [912], PourDERB18 [706], MorgadoM97 [618] | BourreauGGLT22 [162], KletzanderMH21 [482], Zahout21 [909], KletzanderM20 [481], GombolayWS18 [353], Mason01 [591], Touraivane95 [835] | WangB23 [880], NaderiBZ23 [634], Adelgren2023 [11], NaderiBZR23 [632], NaderiRR23 [637], NaderiBZ22 [633], ElciOH22 [268], NaderiBZ22a [631], AwadMDMT22 [54], EtminaniesfahaniGNMS22 [282], HeinzNVH22 [407], Edis21 [263], Lemos21 [524], MokhtarzadehTNF20 [613], TangLWSK18 [814], AgussurjaKL18 [17], HookerH17 [436], DoulabiRP16 [260], QinDS16 [718], LipovetzkyBPS14 [540], HachemiGR11 [376], WuBB09 [898], MilanoW09 [609], Gronkvist06 [366], MilanoW06 [608], BeldiceanuC02 [108], JainG01 [448], BosiM2001 [158], EreminW01 [276]... (Total: 31) |
| ApplicationAreas | dairies | | | Bartak02 [75], Bartak02a [74] |
| ApplicationAreas | dairy | EscobetPQPRA19 [279] | PrataAN23 [710], HarjunkoskiMBC14 [390] | Groleaz21 [363] |
| ApplicationAreas | datacenter | HermenierDL11 [415] | | Zahout21 [909], GalleguillosKSB19 [317], Madi-WambaLOBM17 [574], Letort13 [525], LetortBC12 [526], IfrimOS12 [443] |
| ApplicationAreas | datacentre | | HurleyOS16 [442] | |
| ApplicationAreas | day-ahead market | | | |
| ApplicationAreas | deep space | Johnston05 [212] | | HebrardALLCMR22 [396], Ham20a [378], ReddyFIBKAJ11 [726], GlobusCLP04 [342], WallaceF00 [878] |
| ApplicationAreas | drone | MontemanniD23a [616], MontemanniD23 [617], Ham20a [378], Ham18 [383] | | Adelgren2023 [11], GuoZ23 [373], JuvinHL23a [459], ShaikhK23 [779], EmdeZD22 [274], Astrand0F21 [51], AntuoriHHEN21 [32], HamP21 [381], Astrand21 [50], ZarandiASC20 [912], Ham18a [377], HamFC17 [380] |
| ApplicationAreas | earth observation | SquillaciPR23 [798], KucukY19 [507], VerfaillieL01 [861] | GlobusCLP04 [342], BensanaLV99 [125] | HebrardHJMPV16 [397], Maillard15 [576], PraletLJ15 [709], SimoninAHL15 [787], KelarevaTK13 [469], OddiPCC03 [661] |
| ApplicationAreas | earth orbit | | | SquillaciPR23 [798] |
| ApplicationAreas | electroplating | | RodosekW98 [735] | Fatemi-AnarakiTFV23 [294], EfthymiouY23 [267], WallaceY20 [877], ArtiguesLH13 [47], NovasH12 [654] |
| ApplicationAreas | emergency service | | EvenSH15a [284], TopaloglуO11 [831] | ForbesHJST24 [303], EvenSH15 [283], SakkoutW00 [756] |
| ApplicationAreas | energy-price | KinsellaS0OS16 [477], GrimesIOS14 [362], IfrimOS12 [443] | HurleyOS16 [442], Froger16 [313] | LuZZYW24 [564], PrataAN23 [710], EscobetPQPRA19 [279], He0GLW18 [395], BenediktSMVH18 [117], LimHTB16 [535] |
| ApplicationAreas | evacuation | ArtiguesHQT21 [45], ZarandiASC20 [912], YangSS19 [899], EvenSH15 [283], EvenSH15a [284] | | AgussurjaKL18 [17], Beck99 [85] |
| ApplicationAreas | farming | | | WinterMMW22 [889], Astrand0F21 [51] |
| ApplicationAreas | forestry | HachemiGR11 [376] | | Astrand0F21 [51] |
| ApplicationAreas | high performance computing | BorghesiBLMB18 [157] | GalleguillosKSB19 [317] | abs-2305-19888 [408], HeinzNVH22 [407], Zahout21 [909], Lunardi20 [568], LunardiBLRV20 [567], TranPZLDB18 [839], RiahiNS018 [730], HurleyOS16 [442], BartoliniBBLM14 [81] |
| ApplicationAreas | high school timetabling | DemirovicS18 [243], YoshikawaKNW94 [901] | | Lemos21 [524], BofillGSV15 [145], KanetAG04 [468], ElkhyariGJ02a [273], Schaerf97 [759] |
| ApplicationAreas | hoist | EfthymiouY23 [267], WallaceY20 [877], RodosekWH99 [736], RodosekW98 [735] | Fatemi-AnarakiTFV23 [294], NovasH12 [654], BonfiettiLBM11 [147] | WessenCSFPM23 [887], AstrandJZ18 [52], BonfiettiLBM14 [149], UnsalO13 [850], ArtiguesLH13 [47], BonfiettiM12 [152], BonfiettiLBM12 [148], LombardiBMB11 [550], Wallace06 [876], BeckR03 [99], Baptiste02 [62], Refalo00 [727], HookerOTK00 [435], DraperJCJ99 [261], KorbaaYG99 [487], PapaB98 [684] |

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | maintenance scheduling | PopovicCGNC22 [705], Froger16 [313], BajestaniB13 [58], Malapert11 [578] | LuZZYW24 [564], PenzDN23 [688], AntunesABD20 [30], BajestaniB11 [57], Davenport10 [229], FrostD98 [315] | BourreauGGLT22 [162], Godet21a [344], ZarandiASC20 [912], Hooker19 [432], PourDERB18 [706], AntunesABD18 [29], Nattaf16 [639], BajestaniB15 [59], RoePS05 [741], Simonis99 [790], SimonisC95 [793], Puget95 [713] |
| ApplicationAreas | medical | FrimodigECM23 [311], ShinBBHO18 [782], Dejemeppe16 [238], WangMD15 [881], Wolf11 [892], TopalogluO11 [831], WeilHFP95 [885] | GuoZ23 [373], ZarandiASC20 [912], HechingH16 [400], RiiseML16 [732], DejemeppeD14 [240], RendlPHPR12 [729] | ShaikhK23 [779], AbreuPNF23 [5], AbreuNP23 [234], IsikYA23 [445], NaderiBZR23 [632], AkramNHRSA23 [19], YunusogluY22 [905], FarsiTM22 [293], AbreuN22 [233], GeibingerKKMMW21 [328], Bedhief21 [103], Edis21 [263], AbreuAPNM21 [232], Lemos21 [524], ThomasKS20 [827], FallahiAC20 [290], FrimodigS19 [312], abs-1902-01193 [20], Novas19 [652], GurEA19 [934], SenderovichBB19 [777], YounespourAKE19 [902], GedikKEK18 [326], CappartTSR18 [180], HoYCLLCLC18 [420], TanT18 [810], GedikKBR17 [327], TranVNB17 [841], TranVNB17a [842]... (Total: 43) |
| ApplicationAreas | meeting scheduling | BofillCGGPSV23 [141], GelainPRVW17 [333], LimHTB16 [535], LimBTBB15a [536], LimBTBB15 [537], PesantRR15 [694], ZhuS02 [929] | BofillEGPSV14 [144] | Lemos21 [524], BofillGSV15 [145], MurphyMB15 [625], BartakSR10 [79], MoffittPP05 [612], FukunagaHFAMN02 [316] |
| ApplicationAreas | music festival | CohenHB17 [216] | | |
| ApplicationAreas | nurse | NaderiBZR23 [632], GurPAE23 [374], FarsiTM22 [293], ZarandiASC20 [912], SenderovichBB19 [777], abs-1902-01193 [20], ShinBBHO18 [782], HoYCLLCLC18 [420], LuoVLBM16 [569], WangMD15 [881], RendlPHPR12 [729], Menana11 [594], Wolf11 [892], MeskensDHG11 [603], Simonis07 [791], BourdaisGP03 [161], Mason01 [591], AbdennadherS99 [2], WeilHFP95 [885] | OuelletQ22 [672], GeibingerMM21 [331], GeibingerKKMMW21 [328], YounespourAKE19 [902], FrohnerTR19 [314], RoshanaeiLAU17 [744] | abs-2312-13682 [690], PerezGSL23 [689], NaderiBZ23 [634], FrimodigECM23 [311], NaderiBZ22a [631], NaderiBZ22 [633], BourreauGGLT22 [162], FallahiAC20 [290], RoshanaeiBAUB20 [742], FrimodigS19 [312], German18 [335], MusliuSS18 [630], GedikKEK18 [326], NishikawaSTT18a [649], ErkingerM17 [277], GedikKBR17 [327], HookerH17 [436], RiiseML16 [732], Dejemeppe16 [238], DoulabiRP16 [260], DoulabiRP14 [259], TopalogluO11 [831], Simonis99 [790] |
| ApplicationAreas | offshore | | SubulanC22 [801], Froger16 [313] | GokPTGO23 [348], BoudreaultSLQ22 [160], BlomPS16 [136], FrankDT16 [307], BlomBPS14 [135], Jans09 [449] |
| ApplicationAreas | operating room | NaderiRR23 [637], GurPAE23 [374], NaderiBZ23 [634], NaderiBZR23 [632], FarsiTM22 [293], NaderiBZ22 [633], RoshanaeiN21 [745], RoshanaeiBAUB20 [742], YounespourAKE19 [902], GurEA19 [934], RoshanaeiLAU17 [744], DoulabiRP16 [260], RiiseML16 [732], WangMD15 [881], DoulabiRP14 [259], Wolf11 [892], MeskensDHG11 [603] | GuoZ23 [373], ElciOH22 [268], NaderiBZ22a [631], ZarandiASC20 [912], Hooker19 [432], HookerH17 [436] | ForbesHJST24 [303], WangB23 [880], JuvinHL23a [459], Adelgren2023 [11], PerezGSL23 [689], abs-2312-13682 [690], FrimodigECM23 [311], GeibingerMM21 [331], FachiniA20 [285], MusliuSS18 [630], TanT18 [810], Wolf09 [895], CrawfordB94 [221] |
| ApplicationAreas | oven scheduling | LacknerMMWW23 [515], LacknerMMWW21 [514] | | ColT22 [224] |

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | patient | GurPAE23 [374], FrimodigECM23 [311], NaderiBZR23 [632], FarsiTM22 [293], RoshanaeiN21 [745], ThomasKS20 [827], RoshanaeiBAUB20 [742], FrimodigS19 [312], GurEA19 [934], SenderovichBB19 [777], YounespourAKE19 [902], ShinBBHO18 [782], CappartTSR18 [180], RoshanaeiLAU17 [744], HechingH16 [400], DoulabiRP16 [260], Dejemeppe16 [238], RiiseML16 [732], WangMD15 [881], DejemeppeD14 [240], RendlPHPR12 [729], Wolf11 [892], TopaloglU011 [831], MeskensDHG11 [603], WeilHFP95 [885] | NaderiBZ23 [634], GeibingerKKMMW21 [328] | BonninMNE24 [154], ForbesHJST24 [303], GuoZ23 [373], AlfieriGPS23 [25], ElciOH22 [268], NaderiBZ22 [633], AbreuAPNM21 [232], CauwelaertDS20 [197], MurinR19 [623], Hooker19 [432], GombolayWS18 [353], HoYCLLCLC18 [420], TanT18 [810], LouieVNB14 [562], DoulabiRP14 [259], Clercq12 [235], Malapert11 [578], Salido10 [757], Wolf09 [895], Simonis07 [791], KanetAG04 [468], BourdaisGP03 [161] |
| ApplicationAreas | perfect-square | BeldiceanuCDP11 [109], BeldiceanuCP08 [110], AggounB93 [13] | | |
| ApplicationAreas | physician | GeibingerKKMMW21 [328], ShinBBHO18 [782] | Dejemeppe16 [238], BourdaisGP03 [161] | GuoZ23 [373], GurPAE23 [374], FrimodigECM23 [311], FarsiTM22 [293], FrimodigS19 [312], HookerH17 [436], WangMD15 [881], Wolf11 [892], TopaloglU011 [831] |
| ApplicationAreas | pipeline | HarjunkoskiMBC14 [390], BegB13 [104], Lombardi10 [548], LopesCSM10 [559], RuggieroBBMA09 [748], MouraSCL08a [620], MouraSCL08 [621], BeniniLMR08 [122], Malik08 [583], BeniniBGM05 [118], Kuchcinski03 [503], ErtlK91 [278] | ZouZ20 [933], TangLWSK18 [814], LombardiMRB10 [558], MalikMB08 [584], BeniniBGM06 [120], BeniniBGM05a [119], WolinskiKG04 [896], BeldiceanuC94 [111] | EfthymiouY23 [267], Adelgren2023 [11], PopovicCGNC22 [705], KotaryFH22 [490], EmdeZD22 [274], NaqviAIAAA22 [638], HanenKP21 [387], NishikawaSTT19 [650], NishikawaSTT18a [649], LaborieRSV18 [512], NishikawaSTT18 [648], EmeretlisTAV17 [275], Bonfietti16 [146], KinsellaS0OS16 [477], BlomPS16 [136], GilesH16 [340], GoelSHFS15 [346], SimoninAHL15 [787], BonfiettiLBM14 [149], LombardiMB13 [557], LozanoCDS12 [563], BeniniLMR11 [123], NovasH10 [653], RenT09 [728], BarlattCG08 [73], KuchcinskiW03 [504], Wolf03 [890], Simonis99 [790], DraperJCJ99 [261]... (Total: 34) |
| ApplicationAreas | radiation therapy | FrimodigECM23 [311], FrimodigS19 [312] | | HookerH17 [436] |
| ApplicationAreas | railway | MarliereSPR23 [587], SvancaraB22 [807], Lemos21 [524], PourDERB18 [706], CappartS17 [179], ChunS14 [207], AronssonBK09 [41], Acuna-AgostMFG09 [9], RodriguezS09 [740], Rodriguez07 [737], Rodriguez07b [738], Geske05 [336], RodriguezDG02 [739], MartinPY01 [589], MorgadoM97 [618], LammaMM97 [518] | ZarandiASC20 [912], LaborieRSV18 [512], TangLWSK18 [814], Mason01 [591], BrusoniCLMMT96 [170] | LuZZYW24 [564], GuoZ23 [373], LuoB22 [570], Godet21a [344], BogaerdtW19 [857], Hooker19 [432], BajestaniB15 [59], ZhouGL15 [928], BajestaniB13 [58], BajestaniB11 [57], WuBB09 [898], Gronkvist06 [366], AbrilSB05 [6], WolfS05a [893], Wallace96 [875] |
| ApplicationAreas | real-time pricing | | He0GLW18 [395], GrimesIOS14 [362] | LimHTB16 [535] |
| ApplicationAreas | rectangle-packing | YangSS19 [899], AggounB93 [13] | LuoB22 [570], Malapert11 [578] | MossigeGSMC17 [619], DoulabiRP16 [260], VilimLS15 [871], Siala15a [784], Siala15 [783], LozanoCDS12 [563], BeldiceanuCDP11 [109], Schutt11 [765], SchuttW10 [775], BeldiceanuCP08 [110] |

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | robot | Fatemi-AnarakiTFV23 [294], IsikYA23 [445], WessenCSFPM23 [887], LiFJZLL22 [531], ArmstrongGOS21 [38], Edis21 [263], HamP21 [381], Astrand21 [50], KoehlerBFFHPSSS21 [483], ZarandiASC20 [912], MokhtarzadehTNF20 [613], Lunardi20 [568], WessenCS20 [886], Ham20a [378], abs-1901-07914 [106], MurinR19 [623], BehrensLM19 [105], PachecoPR19 [678], GombolayWS18 [353], LaborieRSV18 [512], MossigeGSMC17 [619], TranVNB17 [841], TranVNB17a [842], BoothTNB16 [156], BoothNB16 [155], LouieVNB14 [562], NovasH14 [655], NovasH12 [654], ZeballosCM10 [914]... (Total: 35) | PrataAN23 [710], AlakaP23 [22], Mehdizadeh-Somarin23 [592], CzerniachowskaWZ23 [222], ZhuSZW23 [930], TouatBT22 [834], OujanaAYB22 [673], YunusogluY22 [905], NaderiBZ22a [631], Astrand0F21 [51], FachiniA20 [285], WallaceY20 [877], NishikawaSTT19 [650], WikarekS19 [888], NishikawaSTT18a [649], NishikawaSTT18 [648], Dejemeppe16 [238], DoRZ08 [253], BidotVLB07 [129], PolicellaWSO05 [703], VanczaM01 [860], BeckF00 [97], CestaOF99 [200], Beck99 [85], BeckDDF98 [89], SmithC93 [796], MintonJPL92 [611], FoxS90 [306] | MontemanniD23 [617], MarliereSPR23 [587], abs-2305-19888 [408], IklassovMR023 [444], AbreuPNF23 [5], GeitzGSSW22 [332], MullerMKP22 [622], ColT22 [224], YuraszeckMPV22 [907], HeinzNVH22 [407], FarsiTM22 [293], ZhangYW21 [922], Godet21a [344], Bedhief21 [103], Groleaz21 [363], VlkHT21 [873], HamPK21 [382], BarzegaranZP20 [84], BenediktMH20 [116], AstrandJZ20 [53], FallahiAC20 [290], MengZRZL20 [599], MejiaY20 [593], SenderovichBB19 [777], TanZWGQ19 [812], Novas19 [652], GokgurHO18 [349], Ham18 [383], AstrandJZ18 [52]... (Total: 96) |
| ApplicationAreas | round-robin | NaqviAIAAA22 [638], BulckG22 [855], TerekhovTDB14 [822], LarsonJC14 [519], TranTDB13 [840], RasmussenT09 [725], RasmussenT06 [723], Trick03 [845] | HebrardALLCMR22 [396], ZarandiASC20 [912], Perron05 [691], EastonNT02 [262] | Hooker19 [432], LiuLH18 [541], MossigeGSMC17 [619], CobanH11 [215], Simonis07 [791], BeniniBGM05 [118], DilkinaH04 [249], KanetAG04 [468], Schaerf97 [759] |
| ApplicationAreas | satellite | SquillaciPR23 [798], Godet21a [344], GodetLHS20 [345], KucukY19 [507], LaborieRSV18 [512], HebrardHJMPV16 [397], FrankDT16 [307], Maillard15 [576], PraletLJ15 [709], KelarevaTK13 [469], ReddyFIBKAJ11 [726], Johnston05 [212], BarbulescuWH04 [72], GlobusCLP04 [342], VerfaillieL01 [861], BensanaLV99 [125], PembertonG98 [686] | AlesioBNG15 [24], Laborie09 [510], FrankK05 [309], JussienL02 [455] | WessenCSFPM23 [887], EfthymiouY23 [267], TouatBT22 [834], Astrand21 [50], Astrand0F21 [51], Zahout21 [909], ZarandiASC20 [912], FachiniA20 [285], Hooker19 [432], Pralet17 [708], TranVNB17 [841], Froger16 [313], TranWDRFOVB16 [843], SimoninAHL15 [787], BessiereHMQW14 [127], LaborieR14 [513], HeinzSB13 [406], SimoninAHL12 [786], GuyonLPR12 [375], RuggieroBBMA09 [748], Rodriguez07 [737], OddiPCC03 [661], NuijtenP98 [659] |
| ApplicationAreas | semiconductor | MengLZB21 [598], ZarandiASC20 [912], MalapertN19 [582], NattafDYW19 [643], Ham18a [377], HamFC17 [380], BajestaniB15 [59], NovasH12 [654], ZeballosCM10 [914] | PenzDN23 [688], Tassel22 [816], QinWSLS21 [716], GokgurHO18 [349], HamC16 [384], Davenport10 [229], LombardiMRB10 [558], KrogtLPHJ07 [858], JainM99 [447] | LacknerMMWW23 [515], Fatemi-AnarakiTFV23 [294], abs-2211-14492 [804], MengGRZSC22 [597], EmdeZD22 [274], YuraszeckMPV22 [907], MullerMKP22 [622], ColT22 [224], ZhangJZL22 [920], FanXG21 [292], LacknerMMWW21 [514], HamP21 [381], HamPK21 [382], PandeyS21a [680], Astrand21 [50], Ham20a [378], TangB20 [813], MengZRZL20 [599], NattafM20 [645], Novas19 [652], LaborieRSV18 [512], Ham18 [383], GrimesH15 [360], TerekhovTDB14 [822], KoschB14 [489], HarjunkoskiMBC14 [390], Malapert11 [578], Lombardi10 [548], AchterbergBKW08 [8], ArtiguesF07 [44] |
| ApplicationAreas | shipping line | | | QinDCS20 [717], LaborieRSV18 [512], KelarevaTK13 [469] |
| ApplicationAreas | sports scheduling | NaqviAIAAA22 [638], LarsonJC14 [519], RasmussenT09 [725], RasmussenT06 [723] | LiuLH18 [541], Perron05 [691], Trick03 [845] | BulckG22 [855], ZarandiASC20 [912], Hooker19 [432], LiuLH19a [542], GedikKEK18 [326], HookerH17 [436], QinDS16 [718], RiiseML16 [732], CobanH11 [215], DilkinaH04 [249], EastonNT02 [262] |
| ApplicationAreas | steel cable | | | AalianPG23 [1] |
| ApplicationAreas | steel mill | GaySS14 [325], Letort13 [525], HeinzSSW12 [404], SchausHMCMD11 [761], HentenryckM08 [412], GarganiR07 [319] | | abs-2312-13682 [690], PerezGSL23 [689], LiuLH19a [542], DoulabiRP16 [260], MenciaSV13 [596], MenciaSV12 [595] |
| ApplicationAreas | super-computer | BorghesiBLMB18 [157], BridiBLMB16 [166], BartoliniBBLM14 [81] | | LuoB22 [570], GalleguillosKSB19 [317], Dejemeppe16 [238], HurleyOS16 [442] |

Table 16: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| ApplicationAreas | surgery | GurPAE23 [374], FarsiTM22 [293], RoshanaeiN21 [745], RoshanaeiBAUB20 [742], GurEA19 [934], YounespourAKE19 [902], RoshanaeiLAU17 [744], RiiseML16 [732], DoulabiRP16 [260], WangMD15 [881], DoulabiRP14 [259], Wolf11 [892], Wolf09 [895] | FrimodigECM23 [311], ZarandiASC20 [912], TopaloglуO11 [831] | ForbesHJST24 [303], AlfieriGPS23 [25], NaderiBZR23 [632], NaderiBZ23 [634], NaderiBZ22 [633], ElciOH22 [268], Lemos21 [524], FrimodigS19 [312], MeskensDHG11 [603] |
| ApplicationAreas | telescope | FrankK05 [309], FrankK03 [308], MintonJPL92 [611], MintonJPL90 [610] | CatusseCBL16 [193], Johnston05 [212], FoxS90 [306] | AlesioBNG15 [24], Maillard15 [576], ReddyFIBKAJ11 [726], BidotVLB09 [130], BeckW07 [102], GlobusCLP04 [342], Beck99 [85], BeckDDF98 [89], PembertonG98 [686], Wallace96 [875], SmithC93 [796] |
| ApplicationAreas | torpedo | GoldwaserS18 [351], KletzanderM17 [480], GoldwaserS17 [350] | AntuoriHHEN20 [31] | Hooker19 [432] |
| ApplicationAreas | tournament | NaqviAIAAA22 [638], BulckG22 [855], FanXG21 [292], ZarandiASC20 [912], Lunardi20 [568], LiuLH18 [541], LarsonJC14 [519], RasmussenT09 [725], RasmussenT06 [723], GlobusCLP04 [342], Trick03 [845], EastonNT02 [262], Schaerf97 [759] | QinWSLS21 [716], HookerH17 [436] | abs-2402-00459 [647], Lemos21 [524], HubnerGSV21 [440], Hooker19 [432], LiuLH19a [542], LiuLH19 [543], GedikKBR17 [327], Froger16 [313], Dejemeppe16 [238], RendlPHPR12 [729], CobanH11 [215], LiW08 [529], SureshMOK06 [806], Perron05 [691], KanetAG04 [468], DilkinaH04 [249], Demassey03 [241], EreminW01 [276] |
| ApplicationAreas | train schedule | LuZZYW24 [564], MarliereSPR23 [587], Lemos21 [524], CappartS17 [179], RodriguezS09 [740], Rodriguez07b [738], Geske05 [336], MurphyRFSS97 [624] | ZarandiASC20 [912], LammaMM97 [518], BrusoniCLMMT96 [170] | abs-2312-13682 [690], SvancaraB22 [807], GeibingerMM21 [331], Novas19 [652], AgussurjaKL18 [17], Froger16 [313], LiuW11 [545], Rodriguez07 [737], RodriguezDG02 [739], MartinPY01 [589], Wallace96 [875] |
| ApplicationAreas | travelling tournament problem | LiuLH18 [541], RasmussenT09 [725] | NaqviAIAAA22 [638], HookerH17 [436], EastonNT02 [262] | BulckG22 [855], LarsonJC14 [519], LiW08 [529], RasmussenT06 [723], Demassey03 [241], EreminW01 [276] |
| ApplicationAreas | vaccine | | GuoZ23 [373] | BonninMNE24 [154], JuvinHL23a [459] |
| ApplicationAreas | wildfire | | ArtiguesHQT21 [45] | |
| ApplicationAreas | workforce scheduling | BourreauGGLT22 [162], MusliuSS18 [630], ErkingerM17 [277], Wallace06 [876], Musliu05 [629] | AntunesABD20 [30], AntunesABD18 [29] | GokPTGO23 [348], FallahiAC20 [290], CorreaLR07 [220], BenoistGR02 [124], Mason01 [591], Darby-DowmanLMZ97 [228] |
| ApplicationAreas | yard crane | | QinDCS20 [717], Hooker19 [432] | EmdeZD22 [274], WallaceY20 [877], SunTB19 [803], UnsalO13 [850] |

## 7.7 Concept Type Industries

Table 17: Works for Concepts of Type Industries (Total 77 Concepts, 72 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Industries | IT industry | | | SchnellH15 [763] |
| Industries | aerospace industry | | | SchildW00 [762] |
| Industries | agricultural industry | WinterMMW22 [889] | | |
| Industries | agrifood industry | | | Groleaz21 [363] |
| Industries | airline industry | | | GokPTGO23 [348], HachemiGR11 [376], Mason01 [591] |
| Industries | automobile industry | | | HauderBRPA20 [394], abs-1902-09244 [393], Limtanyakul07 [538] |
| Industries | automotive industry | | GuoZ23 [373], LimtanyakulS12 [539] | CzerniachowskaWZ23 [222], EmdeZD22 [274], AntuoriHHEN21 [32], BonfiettiZLM16 [153], SchildW00 [762], Wallace96 [875] |
| Industries | aviation industry | | | |
| Industries | cable industry | | | ZhuSZW23 [930] |
| Industries | carpet industry | | | Schutt11 [765] |
| Industries | chemical industry | | Timpe02 [829] | LaborieRSV18 [512], GilesH16 [340], HarjunkoskiMBC14 [390], LombardiM12 [555], ZeballosNH11 [917], ChenGPSH10 [203], MaraveliasCG04 [585], PoderBS04 [701], HookerO99 [433], Simonis99 [790], Simonis95a [788] |
| Industries | chemical processing industry | | | GilesH16 [340] |
| Industries | chemistry industry | | | ChenGPSH10 [203] |
| Industries | chips industry | | | AbreuN22 [233] |
| Industries | circuit boards industry | | | MokhtarzadehTNF20 [613] |
| Industries | control system industry | | | BonfiettiZLM16 [153] |
| Industries | cutting industry | | | RiahiNS018 [730] |
| Industries | dairy industry | | EscobetPQPRA19 [279], HarjunkoskiMBC14 [390] | Groleaz21 [363] |
| Industries | dismantling industry | | | HubnerGSV21 [440] |
| Industries | drawing industry | | | Simonis95a [788] |
| Industries | electricity industry | Froger16 [313] | | PopovicCGNC22 [705], Godet21a [344], AntunesABD20 [30], AntunesABD18 [29] |
| Industries | electronics industry | | | LacknerMMWW23 [515], LacknerMMWW21 [514] |
| Industries | electroplating industry | | | NovasH12 [654] |
| Industries | energy industry | | Froger16 [313] | KovacsV06 [497] |
| Industries | fashion industry | | | Jans09 [449] |
| Industries | food industry | | Groleaz21 [363] | Fatemi-AnarakiTFV23 [294], OujanaAYB22 [673], GroleazNS20a [364], GroleazNS20 [365], EscobetPQPRA19 [279], HachemiGR11 [376], SimonisCK00 [792], Simonis99 [790], SimonisC95 [793], Simonis95 [789] |
| Industries | food-processing industry | | | KlankeBYE21 [479], HauderBRPA20 [394], abs-1902-09244 [393] |
| Industries | forest industry | | | HachemiGR11 [376] |
| Industries | forging industry | | | LuoB22 [570] |
| Industries | foundry industry | | | Jans09 [449] |
| Industries | garment industry | | | AlakaP23 [22], GuoZ23 [373] |
| Industries | gas industry | | | ZarandiASC20 [912], GoelSHFS15 [346] |
| Industries | glass industry | | | Lunardi20 [568], LunardiBLRV20 [567], abs-1902-09244 [393] |
| Industries | heavy industry | | | CorreaLR07 [220] |
| Industries | insulation industry | | | YunusogluY22 [905] |
| Industries | lumber industry | | | NattafDYW19 [643] |
| Industries | manufacturing industry | | | PrataAN23 [710], LacknerMMWW23 [515], CzerniachowskaWZ23 [222], WinterMMW22 [889], YuraszeckMPV22 [907], LacknerMMWW21 [514], FanXG21 [292], Mercier-AubinGQ20 [602], TangB20 [813], EscobetPQPRA19 [279], GedikKEK18 [326], RoweJCA96 [747] |

Table 17: Works for Concepts of Type Industries (Total 77 Concepts, 72 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Industries | maritime industry | | | Astrand21 [50], QinDCS20 [717], SacramentoSP20 [751], SunTB19 [803], ZampelliVSDR13 [910] |
| Industries | metal industry | | | LuoB22 [570] |
| Industries | mineral industry | | | Astrand0F21 [51], Astrand21 [50], AstrandJZ20 [53], BlomBPS14 [135] |
| Industries | mining industry | | AalianPG23 [1] | abs-2402-00459 [647], CampeauG22 [178], Astrand21 [50], Astrand0F21 [51], AstrandJZ20 [53], ThiruvadyWGS14 [826] |
| Industries | oil industry | | | AbreuNP23 [234], AbreuAPNM21 [232], HarjunkoskiMBC14 [390], LopesCSM10 [559] |
| Industries | packaging industry | | | ArmstrongGOS21 [38] |
| Industries | painting industry | | | RiahiNS018 [730] |
| Industries | paper industry | | | Dejemeppe16 [238], HarjunkoskiMBC14 [390] |
| Industries | petro-chemical industry | | | LaborieRSV18 [512], GilesH16 [340], HarjunkoskiMBC14 [390] |
| Industries | pharmaceutical industry | AwadMDMT22 [54] | | YuraszeckMCCR23 [908], CzerniachowskaWZ23 [222], GeibingerKKMMW21 [328], HamC16 [384], NovaraNH16 [651], HarjunkoskiMBC14 [390] |
| Industries | potash industry | | | Astrand21 [50], Astrand0F21 [51], AstrandJZ20 [53], AstrandJZ18 [52] |
| Industries | power industry | Froger16 [313] | | FrostD98 [315] |
| Industries | printing industry | Lunardi20 [568] | LunardiBLRV20 [567] | BourreauGGLT22 [162] |
| Industries | process industry | | Timpe02 [829] | Nattaf16 [639], BlomPS16 [136], HarjunkoskiMBC14 [390], HeinzSSW12 [404], ZeballosCM10 [914], ChenGPSH10 [203], TanSD10 [811], Jans09 [449], Simonis99 [790], Wallace96 [875] |
| Industries | processing industry | | HauderBRPA20 [394] | KlankeBYE21 [479], abs-1902-09244 [393], GilesH16 [340] |
| Industries | railway industry | | | Lemos21 [524], Rodriguez07b [738], Geske05 [336] |
| Industries | repair industry | | | BoudreaultSLQ22 [160] |
| Industries | retail industry | | | ChapadosJR11 [202] |
| Industries | semiconductor industry | | HamFC17 [380], ZeballosCM10 [914] | PenzDN23 [688], QinWSLS21 [716], NattafDYW19 [643], GrimesH15 [360], BajestaniB15 [59], NovasH12 [654], LombardiMRB10 [558], Lombardi10 [548], KrogtLPHJ07 [858] |
| Industries | semiprocess industry | | | ChenGPSH10 [203] |
| Industries | service industry | | | GurEA19 [934], DoomsH08 [255] |
| Industries | ship repair industry | | | BoudreaultSLQ22 [160] |
| Industries | shipping industry | | | LuZZYW24 [564], Astrand21 [50], SacramentoSP20 [751], QinDCS20 [717] |
| Industries | software industry | | | BartakS11 [78], Salido10 [757] |
| Industries | solar cell industry | | | Novas19 [652] |
| Industries | steel industry | | DavenportKRSH07 [230] | LacknerMMWW23 [515], IsikYA23 [445], KimCMLLP23 [476], OujanaAYB22 [673], LacknerMMWW21 [514], HauderBRPA20 [394], abs-1902-09244 [393], GoldwaserS18 [351], GoldwaserS17 [350], KletzanderM17 [480], HeinzSSW12 [404], SchausHMCMD11 [761], GrimesH10 [358], MercierH07 [601], GarganiR07 [319] |
| Industries | sugar industry | | | MartinPY01 [589] |
| Industries | taxi industry | | | Ham18 [383] |
| Industries | telecommunication industry | | | |
| Industries | textile industry | Mercier-AubinGQ20 [602] | | ZarandiASC20 [912], BessiereHMQW14 [127] |
| Industries | tire industry | | | Jans09 [449] |
| Industries | tourism industry | | | LiuCGM17 [546] |
| Industries | trade industry | | | ParkUJR19 [685] |
| Industries | transportation industry | | | GoelSHFS15 [346] |
| Industries | wind industry | Froger16 [313] | | |

## 7.8 Concept Type Benchmarks

Table 18: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Benchmarks | CSPlib | LiuLH19a [542], Siala15 [783], Siala15a [784], SchausHMCMD11 [761], GarganiR07 [319] | LaborieRSV18 [512], German18 [335], CappartTSR18 [180], MossigeGSMC17 [619], NovaraNH16 [651], Letort13 [525], HeinzSSW12 [404], BandaSC11 [236] | ThomasKS20 [827], LiuLH19 [543], LiuLH18 [541], GelainPRVW17 [333], GaySS14 [325], RendlPHPR12 [729], HentenryckM08 [412] |
| Benchmarks | Roadef | Froger16 [313], Siala15 [783], Siala15a [784] | Nattaf16 [639], LetortCB15 [528], Kameugne14 [461], Letort13 [525], LetortCB13 [527], LetortBC12 [526] | CzerniachowskaWZ23 [222], HanenKP21 [387], Lemos21 [524], GokGSTO20 [347], CarlierPSJ20 [187], Polo-MejiaALB20 [704], MalapertN19 [582], OuelletQ18 [671], Tesch18 [824], Fahimi16 [286], Tesch16 [823], Menana11 [594], Acuna-AgostMFG09 [9], Wallace06 [876], Laborie05 [509], Elkhyari03 [271] |
| Benchmarks | benchmark | LiLZDZW24 [530], JuvinHL23a [459], IsikYA23 [445], AlfieriGPS23 [25], JuvinHHL23 [456], Bit-Monnot23 [132], NaderiBZR23 [632], AfsarVPG23 [12], YuraszeckMCCR23 [908], ShaikhK23 [779], ZhuSZW23 [930], NaderiRR23 [637], TasselGS23 [817], AbreuPNF23 [5], TardivoDFMP23 [815], LacknerMMWW23 [515], PovedaAA23 [707], abs-2306-05747 [818], AbreuNP23 [234], OuelletQ22 [672], ColT22 [224], WinterMMW22 [889], JuvinHL22 [457], NaderiBZ22a [631], Teppan22 [820], MengGRZSC22 [597], ZhangJZL22 [920], TouatBT22 [834], AbreuN22 [233]... (Total: 128) | ForbesHJST24 [303], abs-2402-00459 [647], NaderiBZ23 [634], YuraszeckMC23 [906], MontemanniD23a [616], MarliereSPR23 [587], AkramNHRSA23 [19], FrimodigECM23 [311], IklassovMR023 [444], KameugneFND23 [464], abs-2305-19888 [408], NaderiBZ22 [633], BourreauGGLT22 [162], KotaryFH22 [490], ZhangBB22 [921], FetgoD22 [298], Tassel22 [816], OujanaAYB22 [673], HeinzNVH22 [407], BulckG22 [855], MengLZB21 [598], Astrand21 [50], AbreuAPNM21 [232], KovacsTKSG21 [498], KletzanderMH21 [482], Lunardi20 [568], SacramentoSP20 [751], BenediktMH20 [116], BadicaBI20 [55]... (Total: 113) | BonninMNE24 [154], PrataAN23 [710], MontemanniD23 [617], GuoZ23 [373], WessenCSFPM23 [887], Adelgren2023 [11], CzerniachowskaWZ23 [222], EfthymiouY23 [267], KimCMLLP23 [476], SquillaciPR23 [798], SvancaraB22 [807], JungblutK22 [453], ElciOH22 [268], PohlAK22 [702], YunusogluY22 [905], SubulanC22 [801], YuraszeckMPV22 [907], AwadMDMT22 [54], ArmstrongGOS22 [39], Astrand0F21 [51], VlkHT21 [873], Zahout21 [909], RoshanaeiN21 [745], HubnerGSV21 [440], KlankeBYE21 [479], ArmstrongGOS21 [38], AstrandJZ20 [53], LunardiBLRV20 [567], ThomasKS20 [827]... (Total: 176) |
| Benchmarks | bitbucket | | TardivoDFMP23 [815], Dejemeppe16 [238] | ThomasKS20 [827], CauwelaertDS20 [197], HoundjiSW19 [438], CappartTSR18 [180], CauwelaertLS18 [196], He0GLW18 [395], CappartS17 [179], CauwelaertDMS16 [194], GayHLS15 [322], CauwelaertLS15 [195], DejemeppeCS15 [239], GayHS15a [324], GayHS15 [323], DejemeppeD14 [240], HoundjiSWD14 [439] |
| Benchmarks | generated instance | IsikYA23 [445], LuoB22 [570], abs-1911-04766 [329] | abs-2312-13682 [690], PerezGSL23 [689], OrnekOS20 [669], Godet21a [344], GodetLHS20 [345], KletzanderM20 [481], MejiaY20 [593], SunTB19 [803], Madi-WambaB16 [573], NattafALR16 [642], Dejemeppe16 [238], KelbelH11 [470], SchausHMCMD11 [761] | abs-2402-00459 [647], EfthymiouY23 [267], abs-2305-19888 [408], Adelgren2023 [11], NaderiBZR23 [632], TouatBT22 [834], ZhangBB22 [921], abs-2211-14492 [804], ColT22 [224], YunusogluY22 [905], BoudreaultSLQ22 [160], YuraszeckMPV22 [907], HeinzNVH22 [407], HanenKP21 [387], Astrand21 [50], AbreuAPNM21 [232], GeibingerMM21 [331], Astrand0F21 [51], AbohashimaEG21 [4], abs-2102-08778 [217], AntuoriHHEN20 [31], CauwelaertDS20 [197], BenediktMH20 [116], MokhtarzadehTNF20 [613], RoshanaeiBAUB20 [742], LunardiBLRV20 [567], ThomasKS20 [827], Lunardi20 [568], Ham20a [378]... (Total: 68) |
| Benchmarks | github | Lemos21 [524], Godet21a [344], KoehlerBFFHPSSS21 [483] | FalqueALM24 [291], PovedaAA23 [707], TardivoDFMP23 [815], BoudreaultSLQ22 [160], JungblutK22 [453], HamPK21 [382], LunardiBLRV20 [567], GodetLHS20 [345], BenediktMH20 [116], Siala15 [783], Siala15a [784] | LiLZDZW24 [530], ForbesHJST24 [303], abs-2402-00459 [647], SquillaciPR23 [798], JuvinHHL23 [456], YuraszeckMC23 [906], abs-2306-05747 [818], NaderiRR23 [637], Adelgren2023 [11], TasselGS23 [817], WessenCSFPM23 [887], YuraszeckMCCR23 [908], Fatemi-AnarakiTFV23 [294], GuoZ23 [373], GokPTGO23 [348], Bit-Monnot23 [132], IklassovMR023 [444], OuelletQ22 [672], EmdeZD22 [274], GeitzGSSW22 [332], KotaryFH22 [490], Tassel22 [816], ColT22 [224], MullerMKP22 [622], LuoB22 [570], YuraszeckMPV22 [907], KovacsTKSG21 [498], GeibingerMM21 [331], VlkHT21 [873]... (Total: 55) |

Table 18: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Benchmarks | gitlab | | HeinzNVH22 [407] | FalqueALM24 [291], abs-2305-19888 [408], BoudreaultSLQ22 [160], AntuoriHHEN21 [32], AntuoriHHEN20 [31] |
| Benchmarks | industrial instance | LuoB22 [570], AntuoriHHEN20 [31] | BonfiettiZLM16 [153], BonfiettiLBM14 [149], Schutt11 [765] | TasselGS23 [817], PovedaAA23 [707], EfthymiouY23 [267], abs-2306-05747 [818], Tassel22 [816], OujanaAYB22 [673], GroleazNS20 [365], NattafM20 [645], Mercier-AubinGQ20 [602], MalapertN19 [582], Hooker19 [432], BofillGSV15 [145], BofillEGPSV14 [144], ZampelliVSDR13 [910], BonfiettiM12 [152], LombardiBMB11 [550], BonfiettiLBM11 [147] |
| Benchmarks | industrial partner | BoudreaultSLQ22 [160], Lunardi20 [568], Dejemeppe16 [238] | LacknerMMWW23 [515], ArmstrongGOS21 [38], ZampelliVSDR13 [910] | WinterMMW22 [889], Tassel22 [816], VlkHT21 [873], LacknerMMWW21 [514], GroleazNS20a [364], Mercier-AubinGQ20 [602], AntunesABD20 [30], abs-1911-04766 [329], GeibingerMM19 [330], AntunesABD18 [29], MossigeGSMC17 [619], Froger16 [313], HebrardHJMPV16 [397], AlesioBNG15 [24], LipovetzkyBPS14 [540], LimtanyakulS12 [539], Malapert11 [578], DoRZ08 [253], KovacsV06 [497], KovacsV04 [496], EreminW01 [276] |
| Benchmarks | industry partner | BurtLPS15 [172], LipovetzkyBPS14 [540] | BlomBPS14 [135] | LuoB22 [570], WinterMMW22 [889], ArmstrongGOS21 [38], HauderBRPA20 [394], abs-1902-09244 [393], AntunesABD18 [29], BlomPS16 [136] |
| Benchmarks | instance generator | LacknerMMWW23 [515], LacknerMMWW21 [514] | GoldwaserS18 [351], Froger16 [313] | abs-2402-00459 [647], FrimodigECM23 [311], ArmstrongGOS21 [38], Lunardi20 [568], KletzanderM20 [481], SunTB19 [803], abs-1911-04766 [329], Caballero19 [174], GombolayWS18 [353], GoldwaserS17 [350], YoungFS17 [903], Dejemeppe16 [238], UnsalO13 [850], GuyonLPR12 [375], Schutt11 [765], BeniniLMR11 [123], Lombardi10 [548], abs-1009-0347 [770], RuggieroBBMA09 [748], LombardiM09 [551], HeipckeCCS00 [409] |
| Benchmarks | random instance | LacknerMMWW21 [514], WallaceY20 [877], Dejemeppe16 [238] | WangB23 [880], LacknerMMWW23 [515], EfthymiouY23 [267], LetortCB15 [528], KelbelH11 [470] | Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], OuelletQ22 [672], ElciOH22 [268], MullerMKP22 [622], EmdeZD22 [274], abs-2211-14492 [804], VlkHT21 [873], Godet21a [344], KlankeBYE21 [479], HanenKP21 [387], AntuoriHHEN20 [31], Lunardi20 [568], BenediktMH20 [116], LunardiBLRV20 [567], HoundjiSW19 [438], UnsalO19 [851], FahimiOQ18 [287], BenediktSMVH18 [117], Hooker17 [431], MossigeGSMC17 [619], CappartS17 [179], Fahimi16 [286], Madi-WambaB16 [573], BoothTNB16 [156], Siala15 [783], Siala15a [784], LarsonJC14 [519], KameugneFSN14 [467]... (Total: 45) |
| Benchmarks | real-life | GurPAE23 [374], SubulanC22 [801], WinterMMW22 [889], HubnerGSV21 [440], Astrand21 [50], QinDCS20 [717], KletzanderM20 [481], GurEA19 [934], RiiseML16 [732], WangMD15 [881], BartakCS10 [77], ChenGPSH10 [203], BartakSR10 [79], Baptiste02 [62], Bartak02a [74], MartinPY01 [589] | LuZZYW24 [564], AlakaP23 [22], AfsarVPG23 [12], LacknerMMWW23 [515], OujanaAYB22 [673], BulckG22 [855], Lemos21 [524], KlankeBYE21 [479], Astrand0F21 [51], LacknerMMWW21 [514], KletzanderMH21 [482], FallahiAC20 [290], Lunardi20 [568], abs-1911-04766 [329], PourDERB18 [706], MusliuSS18 [630], AmadiniGM16 [27], Froger16 [313], BartakV15 [80], GaySS14 [325], LimtanyakulS12 [539], MenciaSV12 [595], MeskensDHG11 [603], LombardiMRB10 [558], RuggieroBBMA09 [748], BartakSR08 [83], Musliu05 [629], Tsang03 [848], BosiM2001 [158]... (Total: 33) | PrataAN23 [710], LiLZDZW24 [530], BonninMNE24 [154], ForbesHJST24 [303], Adelgren2023 [11], AbreuPNF23 [5], IsikYA23 [445], NaderiBZR23 [632], EfthymiouY23 [267], PovedaAA23 [707], LuoB22 [570], GeitzGSSW22 [332], AwadMDMT22 [54], NaderiBZ22 [633], YunusogluY22 [905], CampeauG22 [178], NaqviAIAAA22 [638], YuraszeckMPV22 [907], ColT22 [224], Teppan22 [820], BoudreaultSLQ22 [160], ElciOH22 [268], Godet21a [344], Bedhief21 [103], Alaka21 [21], abs-2102-08778 [217], GeibingerMM21 [331], Groleaz21 [363], CauwelaertDS20 [197]... (Total: 124) |

Table 18: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Benchmarks | real-world | LuZZYW24 [564], GokPTGO23 [348], abs-2305-19888 [408], HeinzNVH22 [407], YunusogluY22 [905], ColT22 [224], GeibingerMM21 [331], KoehlerBFFHPSSS21 [483], Lemos21 [524], Astrand21 [50], Lunardi20 [568], MokhtarzadehTNF20 [613], HauderBRPA20 [394], abs-1911-04766 [329], GeibingerMM19 [330], abs-1902-09244 [393], FrohnerTR19 [314], SenderovichBB19 [777], GombolayWS18 [353], AgussurjaKL18 [17], Dejemeppe16 [238], MelgarejoLS15 [16], EvenSH15a [284], EvenSH15 [283], UnsalO13 [850], RendlPHPR12 [729], Lombardi10 [548], MouraSCL08a [620], WatsonBHW99 [883]... (Total: 32) | PrataAN23 [710], TasselGS23 [817], WessenCSFPM23 [887], abs-2306-05747 [818], AbreuNP23 [234], BofillCGGPSV23 [141], IsikYA23 [445], Fatemi-AnarakiTFV23 [294], AalianPG23 [1], AbreuPNF23 [5], WangB23 [880], YuraszeckMCCR23 [908], OujanaAYB22 [673], LuoB22 [570], SvancaraB22 [807], MullerMKP22 [622], ArmstrongGOS21 [38], ZarandiASC20 [912], WallaceY20 [877], AntunesABD20 [30], RoshanaeiBAUB20 [742], AstrandJZ20 [53], WessenCS20 [886], TangB20 [813], ParkUJR19 [685], YounespourAKE19 [902], FrimodigS19 [312], PourDERB18 [706], HoYCLLCLC18 [420]... (Total: 56) | FalqueALM24 [291], abs-2402-00459 [647], ZhuSZW23 [930], GuoZ23 [373], IklassovMR023 [444], PovedaAA23 [707], Bit-Monnot23 [132], TardivoDFMP23 [815], CzerniachowskaWZ23 [222], FrimodigECM23 [311], abs-2312-13682 [690], KimCMLLP23 [476], NaderiBZR23 [632], JuvinHL23 [458], PerezGSL23 [689], NaderiBZ23 [634], ShaikhK23 [779], AfsarVPG23 [12], MarliereSPR23 [587], GeitzGSSW22 [332], SubulanC22 [801], BourreauGGLT22 [162], JungblutK22 [453], AbreuN22 [233], FetgoD22 [298], BoudreaultSLQ22 [160], OrnekOS20 [669], Tassel22 [816], CampeauG22 [178]... (Total: 177) |
| Benchmarks | supplementary material | GuoZ23 [373], FarsiTM22 [293], MejiaY20 [593], Lunardi20 [568], TanZWGQ19 [812] | NaderiBZR23 [632], MontemanniD23 [617], AfsarVPG23 [12], FachiniA20 [285], SchuttFSW13 [772] | FalqueALM24 [291], JuvinHHL23 [456], abs-2306-05747 [818], TasselGS23 [817], Adelgren2023 [11], WinterMMW22 [889], ColT22 [224], BoudreaultSLQ22 [160], YunusogluY22 [905], AntuoriHHEN21 [32], LacknerMMWW21 [514], KovacsTKSG21 [498], ArmstrongGOS21 [38], MengZRZL20 [599], HauderBRPA20 [394], SchnellH17 [764], SchnellH15 [763], MenciaSV13 [596] |
| Benchmarks | zenodo | LacknerMMWW23 [515], SacramentoSP20 [751] | | KimCMLLP23 [476], WinterMMW22 [889], ArmstrongGOS21 [38] |

## 7.9 Concept Type Algorithms

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | GRASP | Lemos21 [524], Hooker05b [426] | YuraszeckMCCR23 [908], PovedaAA23 [707], YunusogluY22 [905], RiahiNS018 [730] | LacknerMMWW23 [515], IsikYA23 [445], SquillaciPR23 [798], AkramNHRSA23 [19], ArmstrongGOS22 [39], KletzanderMH21 [482], LacknerMMWW21 [514], Zahout21 [909], VlkHT21 [873], AntuoriHHEN21 [32], GokGSTO20 [347], KletzanderM20 [481], QinDCS20 [717], MejiaY20 [593], GroleazNS20a [364], Caballero19 [174], KreterSSZ18 [501], SchnellH17 [764], ZhouGL15 [928], Siala15 [783], Siala15a [784], SchnellH15 [763], UnsalO13 [850], SerraNM12 [778], HeinzB12 [402], AchterbergBKW08 [8], Rodriguez07 [737], JainM99 [447] |
| Algorithms | IGT | ArmstrongGOS22 [39] | | |
| Algorithms | Lagrangian relaxation | HookerH17 [436], ThiruvadyWGS14 [826], GuSS13 [368], GuSW12 [370], MilanoW09 [609], MilanoW06 [608], Mason01 [591] | IsikYA23 [445], AbreuN22 [233], KotaryFH22 [490], ZarandiASC20 [912], Dejemeppe16 [238], BlomPS16 [136], Froger16 [313], EdisO11 [264], Wallace06 [876], BlazewiczDP96 [173] | abs-2402-00459 [647], abs-2305-19888 [408], MarliereSPR23 [587], KimCMLLP23 [476], YunusogluY22 [905], EtminaniesfahaniGNMS22 [282], HeinzNVH22 [407], HamPK21 [382], FallahiAC20 [290], CauwelaertDS20 [197], GurEA19 [934], BaptisteB18 [64], KreterSSZ18 [501], GomesM17 [355], YoungFS17 [903], AlesioBNG15 [24], DejemeppeCS15 [239], GaySS14 [325], ZampelliVSDR13 [910], GuyonLPR12 [375], Menana11 [594], Lombardi10 [548], LiW08 [529], LauLN08 [520], SadykovW06 [754], Gronkvist06 [366], DemasseyAM05 [242], Johnston05 [212], ArtiguesBF04 [42]... (Total: 34) |
| Algorithms | MINLP | BlomPS16 [136], BlomBPS14 [135], HarjunkoskiMBC14 [390], HarjunkoskiJG00 [389] | Adelgren2023 [11], BurtLPS15 [172] | Edis21 [263], YounespourAKE19 [902], EscobetPQPRA19 [279], HookerH17 [436], LimBTBB15a [536], LimBTBB15 [537], LopesCSM10 [559], MouraSCL08a [620], Hooker07 [429], Hooker06 [427], Hooker05a [425], Hooker05 [424], ChuX05 [205], RoePS05 [741], Hooker04 [423], MaraveliasCG04 [585], JainG01 [448], HookerOTK00 [435], HookerO99 [433] |
| Algorithms | MIQP | WinterMMW22 [889] | | BurtLPS15 [172] |
| Algorithms | NEH | LiLZDZW24 [530], AlfieriGPS23 [25], ArmstrongGOS22 [39], Astrand21 [50], RiahiNS018 [730], WatsonBHW99 [883] | MengLZB21 [598] | AbreuPNF23 [5], IsikYA23 [445], ZhouGL15 [928], ZeballosCM10 [914] |
| Algorithms | ant colony | abs-2402-00459 [647], Groleaz21 [363], ZarandiASC20 [912], GroleazNS20a [364], ThiruvadyWGS14 [826], ThiruvadyBME09 [825], MeyerE04 [605] | ZhuSZW23 [930], IsikYA23 [445], NaderiBZ22a [631], YuraszeckMPV22 [907], FarsiTM22 [293], KoehlerBFFHPSSS21 [483], Edis21 [263], ZhangYW21 [922], GroleazNS20 [365], Lunardi20 [568], MejiaY20 [593], FrohnerTR19 [314], GedikKEK18 [326], GedikKBR17 [327], Dejemeppe16 [238], TranAB16 [836], Froger16 [313], DejemeppeCS15 [239], Siala15a [784], MalapertCGJLR12 [579], Malapert11 [578], LiuW11 [545] | LuZZYW24 [564], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], AbreuPNF23 [5], AlfieriGPS23 [25], AlakaP23 [22], PenzDN23 [688], MontemanniD23a [616], MontemanniD23 [617], YuraszeckMC23 [906], GuoZ23 [373], AkramNHRSA23 [19], EtminaniesfahaniGNMS22 [282], SubulanC22 [801], abs-2211-14492 [804], AbreuN22 [233], YunusogluY22 [905], QinWSLS21 [716], LacknerMMWW21 [514], AbohashimaEG21 [4], FanXG21 [292], ArmstrongGOS21 [38], HamPK21 [382], MengZRZL20 [599], KucukY19 [507], GurEA19 [934], YounespourAKE19 [902], ZhangW18 [923], RiahiNS018 [730]... (Total: 49) |
| Algorithms | bi-partite matching | | | Caballero19 [174], HookerH17 [436], Simonis07 [791], Kumar03 [505], Trick03 [845], Simonis99 [790] |

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | column generation | FrimodigECM23 [311], PohlAK22 [702], BourreauGGLT22 [162], KletzanderMH21 [482], HookerH17 [436], CatusseCBL16 [193], Froger16 [313], QinDS16 [718], DoulabiRP14 [259], TopaloglU11 [831], MilanoW09 [609], AkkerDH07 [856], MilanoW06 [608], Wallace06 [876], Gronkvist06 [366], SadykovW06 [754], Mason01 [591], EreminW01 [276], BruckerK00 [169] | abs-2402-00459 [647], Adelgren2023 [11], abs-2211-14492 [804], Groleaz21 [363], FallahiAC20 [290], KletzanderM20 [481], BenediktSMVH18 [117], RoshanaeiLAU17 [744], DoulabiRP16 [260], EvenSH15 [283], EvenSH15a [284], HeinzSSW12 [404], HachemiGR11 [376], CorreaLR07 [220], BeckR03 [99] | FalqueALM24 [291], LuZZYW24 [564], ZhuSZW23 [930], GuoZ23 [373], SquillaciPR23 [798], CampeauG22 [178], PandeyS21a [680], Zahout21 [909], RoshanaeiN21 [745], ZarandiASC20 [912], AntunesABD20 [30], FachiniA20 [285], RoshanaeiBAUB20 [742], UnsalO19 [851], KucukY19 [507], Hooker19 [432], HoundjiSW19 [438], CappartTSR18 [180], AntunesABD18 [29], GoldwaserS18 [351], GedikKEK18 [326], MusliuSS18 [630], DemirovicS18 [243], GoldwaserS17 [350], LiuCGM17 [546], YoungFS17 [903], GedikKBR17 [327], Nattaf16 [639], FontaineMH16 [302]... (Total: 66) |
| Algorithms | conflict-driven clause learning | Siala15a [784] | | Lemos21 [524], Caballero19 [174], SialaAH15 [785] |
| Algorithms | deep learning | KotaryFH22 [490], MullerMKP22 [622] | IklassovMR023 [444] | LiLZDZW24 [530], EfthymiouY23 [267], AkramNHRSA23 [19], Tassel22 [816], abs-2211-14492 [804], AntuoriHHEN21 [32], TranWDRFOVB16 [843], TranDRFWOVB16 [838], BeckF98 [94] |
| Algorithms | edge-finder | KameugneFND23 [464], FetgoD22 [298], GingrasQ16 [341], KameugneFSN14 [467], Lombardi10 [548], MercierH08 [600], MercierH07 [601], BaptisteP00 [69], PapeB97 [683] | OuelletQ13 [670], KelbelH11 [470], PapaB98 [684] | BaptisteB18 [64], BonfiettiZLM16 [153], Kameugne14 [461], GuSS13 [368], Schutt11 [765], SchuttFSW11 [771], HeckmanB11 [401], BidotVLB09 [130], MilanoW09 [609], SchuttFSW09 [769], BeckW07 [102], MilanoW06 [608], BeckW05 [101], ValleMGT03 [854], BeckR03 [99], Junker00 [454], SakkoutW00 [756], JainM99 [447], Zhou97 [927], BaptisteP97 [68] |
| Algorithms | edge-finding | KameugneFND23 [464], JuvinHHL23 [456], TardivoDFMP23 [815], OuelletQ22 [672], FetgoD22 [298], CauwelaertDS20 [197], Caballero19 [174], YangSS19 [899], BaptisteB18 [64], GokgurHO18 [349], FahimiOQ18 [287], KreterSS17 [500], HookerH17 [436], Nattaf16 [639], Fahimi16 [286], Dejemeppe16 [238], Derrien15 [244], GayHS15a [324], Kameugne15 [462], GrimesH15 [360], KameugneFSN14 [467], Kameugne14 [461], OuelletQ13 [670], Letort13 [525], SchuttFS13a [767], Clercq12 [235], Malapert11 [578], KameugneFSN11 [466], Schutt11 [765]... (Total: 58) | BoudreaultSLQ22 [160], LaborieRSV18 [512], Tesch18 [824], GingrasQ16 [341], CauwelaertDMS16 [194], Siala15a [784], Siala15 [783], LetortCB15 [528], DejemeppeCS15 [239], MenciaSV13 [596], LetortCB13 [527], LombardiM12 [555], LetortBC12 [526], Lombardi10 [548], BartakSR10 [79], LiessM08 [532], BartakSR08 [83], HoeveGSL07 [859], ArtiguesF07 [44], MonetteDD07 [614], Vilim04 [864], Kuchcinski03 [503], Bartak02 [75], SchildW00 [762], BaptistePN99 [66], Zhou97 [927] | BonninMNE24 [154], CampeauG22 [178], Groleaz21 [363], Godet21a [344], Astrand21 [50], WallaceY20 [877], OuelletQ18 [671], GombolayWS18 [353], CauwelaertLS18 [196], BofillCSV17a [142], EmeretlisTAV17 [275], NattafAL17 [641], Tesch16 [823], OrnekO16 [668], GayHLS15 [322], SialaAH15 [785], DerrienP14 [245], GuSS13 [368], ChuGNSW13 [204], HeinzSB13 [406], OzturkTHO13 [676], MenciaSV12 [595], LimtanyakulS12 [539], MalapertCGJLR12 [579], OzturkTHO12 [674], KovacsB11 [493], HeckmanB11 [401], SimonisH11 [794], BeldiceanuCDP11 [109]... (Total: 70) |
| Algorithms | energetic reasoning | TardivoDFMP23 [815], OuelletQ22 [672], FetgoD22 [298], HanenKP21 [387], CarlierPSJ20 [187], OuelletQ18 [671], Tesch18 [824], CauwelaertLS18 [196], NattafAL17 [641], Fahimi16 [286], NattafALR16 [642], Tesch16 [823], GayHS15a [324], NattafAL15 [640], CauwelaertLS15 [195], ArtiguesL14 [46], DerrienP14 [245], ArtiguesLH13 [47], SchuttFS13a [767], LimtanyakulS12 [539], HeinzS11 [405], Vilim11 [868], Lombardi10 [548], ClautiauxJCM08 [211], MercierH07 [601], Laborie03 [508], Baptiste02 [62], Dorndorf2000 [258], BaptisteP95 [67] | KameugneFND23 [464], NattafHKAL19 [644], KameugneFGOQ18 [463], Nattaf16 [639], Kameugne14 [461], Letort13 [525], SchuttFS13 [768], Schutt11 [765] | IsikYA23 [445], BoudreaultSLQ22 [160], ArmstrongGOS21 [38], Caballero19 [174], YangSS19 [899], GokgurHO18 [349], Laborie18a [511], BofillCSV17 [143], HookerH17 [436], GingrasQ16 [341], LetortCB15 [528], Derrien15 [244], KameugneFSN14 [467], LetortCB13 [527], MenciaSV13 [596], OuelletQ13 [670], Clercq12 [235], LombardiM12 [555], MenciaSV12 [595], GuyonLPR12 [375], LahimerLH11 [516], Malapert11 [578], BeldiceanuCDP11 [109], ClercqPBJ11 [213], ChenGPSH10 [203], abs-0907-0939 [696], Vilim09a [867], Vilim09 [866], Limtanyakul07 [538]... (Total: 37) |
| Algorithms | evolutionary computing | | | LuZZYW24 [564], Groleaz21 [363], Lemos21 [524], Siala15a [784], PerronSF04 [692] |

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | genetic algorithm | LuZZYW24 [564], AbreuNP23 [234], ZhuSZW23 [930], IsikYA23 [445], AbreuPNF23 [5], NaderiBZ22a [631], AbreuN22 [233], YunusogluY22 [905], BourreauGGLT22 [162], EtminaniesfahaniGNMS22 [282], HamPK21 [382], Groleaz21 [363], Alaka21 [21], ZhangYW21 [922], AbreuAPNM21 [232], Edis21 [263], Zahout21 [909], Astrand21 [50], MengZRZL20 [599], RoshanaeiBAUB20 [742], ZarandiASC20 [912], MejiaY20 [593], Lunardi20 [568], TangLWSK18 [814], GombolayWS18 [353], Froger16 [313], ZarandiKS16 [911], AlesioBNG15 [24], LiuW11 [545]... (Total: 41) | PrataAN23 [710], abs-2402-00459 [647], AkramNHRSA23 [19], ShaikhK23 [779], GokPTGO23 [348], JuvinHL23a [459], abs-2305-19888 [408], AfsarVPG23 [12], KimCMLLP23 [476], AlakaP23 [22], LacknerMMWW23 [515], SubulanC22 [801], ColT22 [224], HeinzNVH22 [407], AwadMDMT22 [54], FarsiTM22 [293], JuvinHL22 [457], Bedhief21 [103], Lemos21 [524], MengLZB21 [598], LacknerMMWW21 [514], KletzanderM20 [481], ZouZ20 [933], Novas19 [652], ColT2019a [223], ColT19 [218], AlakaPY19 [23], RiahiNS018 [730], GomesM17 [355]... (Total: 56) | ForbesHJST24 [303], NaderiRR23 [637], TasselGS23 [817], Mehdizadeh-Somarin23 [592], WangB23 [880], abs-2306-05747 [818], PovedaAA23 [707], JuvinHHL23 [456], Bit-Monnot23 [132], AalianPG23 [1], OrnekOS20 [669], WinterMMW22 [889], LiFJZLL22 [531], MengGRZSC22 [597], abs-2211-14492 [804], YuraszeckMPV22 [907], MullerMKP22 [622], OujanaAYB22 [673], Teppan22 [820], ZhangJZL22 [920], RoshanaeiN21 [745], AbohashimaEG21 [4], HillTV21 [418], QinWSLS21 [716], KletzanderMH21 [482], ArmstrongGOS21 [38], KoehlerBFFHPSSS21 [483], abs-2102-08778 [217], HubnerGSV21 [440]... (Total: 127) |
| Algorithms | large neighborhood search | SquillaciPR23 [798], PovedaAA23 [707], AbreuN22 [233], Astrand21 [50], Astrand0F21 [51], GeibingerMM21 [331], AstrandJZ20 [53], Mercier-AubinGQ20 [602], LaborieRSV18 [512], Dejemeppe16 [238], Froger16 [313], LimBTBB15 [537], GaySS14 [325], PacinoH11 [679], MonetteDH09 [615], CarchraeB09 [181], HentenryckM08 [412], PerronSF04 [692], DannaP03 [226] | LuZZYW24 [564], PerezGSL23 [689], abs-2312-13682 [690], AbreuNP23 [234], KimCMLLP23 [476], ZhangBB22 [921], ColT22 [224], Lemos21 [524], Groleaz21 [363], GokGSTO20 [347], ThomasKS20 [827], SacramentoSP20 [751], FachiniA20 [285], abs-1911-04766 [329], DemirovicS18 [243], CappartTSR18 [180], FontaineMH16 [302], VilimLS15 [871], GrimesH15 [360], HarjunkoskiMBC14 [390], UnsalO13 [850], LombardiM12 [555], KelbelH11 [470], SchausHMCMD11 [761], GrimesH11 [359], Menana11 [594], Lombardi10 [548], GodardLN05 [343] | FalqueALM24 [291], PrataAN23 [710], abs-2306-05747 [818], FrimodigECM23 [311], LacknerMMWW23 [515], NaderiBZR23 [632], AalianPG23 [1], AbreuPNF23 [5], NaderiRR23 [637], TasselGS23 [817], Bit-Monnot23 [132], GokPTGO23 [348], BoudreaultSLQ22 [160], BourreauGGLT22 [162], WinterMMW22 [889], PohlAK22 [702], OrnekOS20 [669], EtminaniesfahaniGNMS22 [282], BulckG22 [855], HubnerGSV21 [440], LacknerMMWW21 [514], HamP21 [381], AntuoriHHEN21 [32], AbreuAPNM21 [232], Ham20a [378], FallahiAC20 [290], GroleazNS20 [365], GodetLHS20 [345], LunardiBLRV20 [567]... (Total: 81) |
| Algorithms | lazy clause generation | Caballero19 [174], KreterSSZ18 [501], KreterSS17 [500], Siala15a [784], KreterSS15 [499], SchuttFS13 [768], SchuttFSW13 [772], SchuttFS13a [767], KelarevaTK13 [469], Schutt11 [765], SchuttFSW11 [771], abs-1009-0347 [770], SchuttFSW09 [769], OhrimenkoSC09 [666] | PovedaAA23 [707], Bit-Monnot23 [132], BoudreaultSLQ22 [160], OuelletQ22 [672], GeitzGSSW22 [332], Godet21a [344], WallaceY20 [877], FahimiOQ18 [287], SchnellH17 [764], SchuttS16 [774], SzerediS16 [808], SchnellH15 [763], SialaAH15 [785], BofillEGPSV14 [144], GuSS13 [368], SchuttCSW12 [766] | FalqueALM24 [291], AbreuPNF23 [5], TardivoDFMP23 [815], FrimodigECM23 [311], BofillCGGPSV23 [141], KameugneFND23 [464], WangB23 [880], EtminaniesfahaniGNMS22 [282], FetgoD22 [298], GeibingerMM21 [331], HillTV21 [418], GodetLHS20 [345], Mercier-AubinGQ20 [602], YangSS19 [899], AgussurjaKL18 [17], BaptisteB18 [64], GoldwaserS18 [351], YoungFS17 [903], BofillCSV17 [143], GoldwaserS17 [350], MossigeGSMC17 [619], AmadiniGM16 [27], PesantRR15 [694], ArtiguesL14 [46], GuSW12 [370], LombardiM12 [555], GrimesH11 [359], SchuttW10 [775], Lombardi10 [548], MilanoW09 [609] |
| Algorithms | machine learning | abs-2402-00459 [647], EfthymiouY23 [267], abs-2211-14492 [804], MullerMKP22 [622], Groleaz21 [363], ZarandiASC20 [912], HurleyOS16 [442], EskeyZ90 [280] | LiLZDZW24 [530], GokPTGO23 [348], IklassovMR023 [444], Tassel22 [816], KotaryFH22 [490], Lemos21 [524], AntuoriHHEN21 [32], KovacsTKSG21 [498], GalleguillosKSB19 [317], BukchinR18 [171], BorghesiBLMB18 [157], CohenHB17 [216], GrimesIOS14 [362], IfrimOS12 [443], CarchraeB09 [181], BlazewiczDP96 [173] | PrataAN23 [710], Mehdizadeh-Somarin23 [592], MontemanniD23 [617], JuvinHL23a [459], AkramNHRSA23 [19], GuoZ23 [373], abs-2306-05747 [818], MarliereSPR23 [587], IsikYA23 [445], TasselGS23 [817], GurPAE23 [374], ShaikhK23 [779], LiFJZLL22 [531], ColT22 [224], GeitzGSSW22 [332], ZhangJZL22 [920], PopovicCGNC22 [705], QinWSLS21 [716], HillTV21 [418], HamP21 [381], FanXG21 [292], GeibingerMM21 [331], AbohashimaEG21 [4], GroleazNS20a [364], AntuoriHHEN20 [31], Ham20a [378], Lunardi20 [568], SacramentoSP20 [751], ColT19 [218]... (Total: 52) |

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | mat heuristic | abs-2402-00459 [647], AbreuPNF23 [5], MontemanniD23 [617], EtminaniesfahaniGNMS22 [282], SacramentoSP20 [751], FachiniA20 [285], ArbaouiY18 [35], Nattaf16 [639] | KimCMLLP23 [476], NaderiBZR23 [632], AlfieriGPS23 [25], YunusogluY22 [905], YuraszeckMPV22 [907], ArmstrongGOS22 [39], AbreuAPNM21 [232], DemirovicS18 [243], Froger16 [313] | PrataAN23 [710], Fatemi-AnarakiTFV23 [294], PerezGSL23 [689], YuraszeckMCCR23 [908], abs-2312-13682 [690], AbreuNP23 [234], MontemanniD23a [616], IsikYA23 [445], SubulanC22 [801], AbreuN22 [233], WinterMMW22 [889], Groleaz21 [363], PandeyS21a [680], HubnerGSV21 [440], GroleazNS20 [365], Lunardi20 [568], Polo-MejiaALB20 [704], GokGSTO20 [347], Hooker19 [432], GokgurHO18 [349], HechingH16 [400], CireCH16 [210], EvenSH15a [284], WangMD15 [881], EvenSH15 [283], Elkhyari03 [271] |
| Algorithms | max-flow | | LopesCSM10 [559], MouraSCL08 [621], Muscettola02 [628] | FanXG21 [292], ZarandiASC20 [912], HoundjiSW19 [438], Froger16 [313], Fahimi16 [286], Kumar03 [505] |
| Algorithms | memetic algorithm | ZarandiASC20 [912] | AfsarVPG23 [12], MengLZB21 [598], ArmstrongGOS21 [38], AlesioBNG15 [24], LahimerLH11 [516] | PrataAN23 [710], LuZZYW24 [564], AlfieriGPS23 [25], PenzDN23 [688], IsikYA23 [445], NaderiBZ23 [634], EtminaniesfahaniGNMS22 [282], ZhangJZL22 [920], BulckG22 [855], MengGRZSC22 [597], ColT22 [224], LiFJZLL22 [531], NaderiBZ22 [633], Groleaz21 [363], ZhangYW21 [922], QinWSLS21 [716], AbohashimaEG21 [4], FallahiAC20 [290], Lunardi20 [568], NattafDYW19 [643], RiahiNS018 [730], ZhangW18 [923], GrimesH15 [360], RendlPHPR12 [729], MenciaSV12 [595], GrimesH11 [359], JainM99 [447] |
| Algorithms | meta heuristic | PrataAN23 [710], abs-2402-00459 [647], LuZZYW24 [564], AbreuPNF23 [5], MontemanniD23a [616], YuraszeckMC23 [906], GokPTGO23 [348], AbreuNP23 [234], YuraszeckMCCR23 [908], AlfieriGPS23 [25], AfsarVPG23 [12], IsikYA23 [445], NaderiRR23 [637], YuraszeckMPV22 [907], MengGRZSC22 [597], AbreuN22 [233], ArmstrongGOS22 [39], EtminaniesfahaniGNMS22 [282], WinterMMW22 [889], ZhangJZL22 [920], YunusogluY22 [905], FarsiTM22 [293], Groleaz21 [363], QinWSLS21 [716], HubnerGSV21 [440], AbreuAPNM21 [232], Edis21 [263], MengLZB21 [598], Astrand21 [50]... (Total: 54) | CzerniachowskaWZ23 [222], Fatemi-AnarakiTFV23 [294], MontemanniD23 [617], NaderiBZR23 [632], ZhangBB22 [921], BoudreaultSLQ22 [160], OujanaAYB22 [673], SubulanC22 [801], AwadMDMT22 [54], MullerMKP22 [622], NaderiBZ22a [631], OrnekOS20 [669], TouatBT22 [834], abs-2211-14492 [804], Bedhief21 [103], Zahout21 [909], KletzanderMH21 [482], ArmstrongGOS21 [38], HamPK21 [382], AbohashimaEG21 [4], MokhtarzadehTNF20 [613], RoshanaeiBAUB20 [742], HauderBRPA20 [394], GroleazNS20a [364], GroleazNS20 [365], WallaceY20 [877], KletzanderM20 [481], LiuLH19a [542], NattafDYW19 [643]... (Total: 51) | LiLZDZW24 [530], abs-2305-19888 [408], AlakaP23 [22], PovedaAA23 [707], SquillaciPR23 [798], GurPAE23 [374], Mehdizadeh-Somarin23 [592], KimCMLLP23 [476], EfthymiouY23 [267], JuvinHL23a [459], PerezGSL23 [689], PenzDN23 [688], NaderiBZ23 [634], abs-2306-05747 [818], MarliereSPR23 [587], abs-2312-13682 [690], ShaikhK23 [779], LacknerMMWW23 [515], TasselGS23 [817], GeitzGSSW22 [332], HeinzNVH22 [407], Tassel22 [816], BourreauGGLT22 [162], NaderiBZ22 [633], BulckG22 [855], JuvinHL22 [457], LiFJZLL22 [531], Alaka21 [21], Godet21a [344]... (Total: 150) |
| Algorithms | neural network | abs-2306-05747 [818], TasselGS23 [817], abs-2211-14492 [804], KotaryFH22 [490], MullerMKP22 [622], ZarandiASC20 [912], JainM99 [447], MintonJPL90 [610] | LiLZDZW24 [530], IklassovMR023 [444], EfthymiouY23 [267], AntuoriHHEN20 [31], HookerH17 [436], MintonJPL92 [611] | abs-2402-00459 [647], GurPAE23 [374], SquillaciPR23 [798], IsikYA23 [445], AfsarVPG23 [12], Tassel22 [816], Groleaz21 [363], FanXG21 [292], KovacsTKSG21 [498], AntuoriHHEN21 [32], Astrand21 [50], FallahiAC20 [290], Lunardi20 [568], GalleguillosKSB19 [317], TangLWSK18 [814], KletzanderM17 [480], TranWDRFOVB16 [843], Froger16 [313], OrnekO16 [668], TranDRFWOVB16 [838], IfrimOS12 [443], LiuW11 [545], ChenGPSH10 [203], HladikCDJ08 [419], JussienL02 [455], BlazewiczDP96 [173], Wallace96 [875] |

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | not-first | KameugneFND23 [464], FahimiOQ18 [287], KameugneFGOQ18 [463], Fahimi16 [286], Dejemeppe16 [238], GayHS15a [324], Kameugne14 [461], Clercq12 [235], Schutt11 [765], Malapert11 [578], SchuttFSW11 [771], MercierH07 [601], VilimBC05 [870], ArtiouchineB05 [49], Demassey03 [241], Baptiste02 [62], Beck99 [85] | TardivoDFMP23 [815], FetgoD22 [298], GokgurHO18 [349], OuelletQ18 [671], HookerH17 [436], Kameugne15 [462], DejemeppeCS15 [239], KameugneFSN14 [467], Letort13 [525], OuelletQ13 [670], SchuttW10 [775], Lombardi10 [548], BartakSR10 [79], MonetteDD07 [614], VilimBC04 [869], Wolf03 [890], BeckF00 [97], BeckF00a [96], TorresL00 [833], BeckF99 [95] | JuvinHHL23 [456], BoudreaultSLQ22 [160], OuelletQ22 [672], Astrand21 [50], Groleaz21 [363], CauwelaertDS20 [197], CauwelaertLS18 [196], Tesch16 [823], CauwelaertDMS16 [194], GrimesH15 [360], KameugneF13 [465], ChuGNSW13 [204], LimtanyakulS12 [539], MalapertCGJLR12 [579], KameugneFSN11 [466], PacinoH11 [679], Vilim09 [866], Wolf09 [895], BartakSR08 [83], Wolf05 [891], Laborie03 [508], SourdN00 [797] |
| Algorithms | not-last | KameugneFND23 [464], TardivoDFMP23 [815], OuelletQ18 [671], KameugneFGOQ18 [463], FahimiOQ18 [287], Dejemeppe16 [238], Fahimi16 [286], GayHS15a [324], Kameugne14 [461], Clercq12 [235], Malapert11 [578], Schutt11 [765], SchuttW10 [775], ArtiouchineB05 [49], VilimBC05 [870], SchuttWS05 [776], Vilim05 [865], Vilim04 [864], Wolf03 [890], Demassey03 [241], Baptiste02 [62], Beck99 [85] | FetgoD22 [298], CauwelaertDS20 [197], GokgurHO18 [349], Tesch18 [824], Kameugne15 [462], DejemeppeCS15 [239], KameugneFSN14 [467], OuelletQ13 [670], Letort13 [525], SchuttFS13a [767], SchuttFSW11 [771], Vilim11 [868], KameugneFSN11 [466], Lombardi10 [548], BartakSR10 [79], MercierH07 [601], MonetteDD07 [614], Wolf05 [891], VilimBC04 [869], TorresL00 [833], BeckF00 [97], BeckF00a [96], BeckF99 [95] | JuvinHHL23 [456], OuelletQ22 [672], BoudreaultSLQ22 [160], GeitzGSSW22 [332], Astrand21 [50], Groleaz21 [363], GodetLHS20 [345], YangSS19 [899], CauwelaertLS18 [196], HookerH17 [436], CauwelaertDMS16 [194], Tesch16 [823], GrimesH15 [360], ChuGNSW13 [204], LimtanyakulS12 [539], MalapertCGJLR12 [579], PacinoH11 [679], ChenGPSH10 [203], GrimesHM09 [361], Wolf09 [895], MonetteDH09 [615], Vilim09a [867], Vilim09 [866], BocewiczBB09 [137], BartakSR08 [83], WolfS05 [894], WolfS05a [893], Laborie03 [508], Vilim03 [863] |
| Algorithms | particle swarm | MengLZB21 [598], SacramentoSP20 [751], ZarandiASC20 [912] | LuZZYW24 [564], ZhuSZW23 [930], AfsarVPG23 [12], IsikYA23 [445], EtminaniesfahaniGNMS22 [282], HamPK21 [382], Edis21 [263], Lunardi20 [568], MejiaY20 [593], MengZRZL20 [599], TanZWGQ19 [812], ZhangW18 [923], Froger16 [313], GrimesH15 [360], MalapertCGJLR12 [579] | BonninMNE24 [154], abs-2402-00459 [647], PrataAN23 [710], Bit-Monnot23 [132], LacknerMMWW23 [515], CzerniachowskaWZ23 [222], AlfieriGPS23 [25], YunusogluY22 [905], SubulanC22 [801], OrnekOS20 [669], AbreuN22 [233], ColT22 [224], OujanaAYB22 [673], QinWSLS21 [716], KoehlerBFFHPSSS21 [483], AbreuAPNM21 [232], LacknerMMWW21 [514], ZhangYW21 [922], HauderBRPA20 [394], QinDCS20 [717], FachiniA20 [285], MokhtarzadehTNF20 [613], Polo-MejiaALB20 [704], Novas19 [652], abs-1902-09244 [393], abs-1902-01193 [20], KreterSSZ18 [501], TangLWSK18 [814], HamC16 [384]... (Total: 37) |
| Algorithms | quadratic programming | | WinterMMW22 [889], BurtLPS15 [172] | abs-2402-00459 [647], MarliereSPR23 [587], abs-2211-14492 [804], ZhangBB22 [921], PandeyS21a [680], Hooker19 [432], He0GLW18 [395], Refalo00 [727] |
| Algorithms | reinforcement learning | IklassovMR023 [444], abs-2211-14492 [804], Tassel22 [816], AntuoriHHEN20 [31], BeckFW11 [93] | LiLZDZW24 [530], abs-2402-00459 [647], abs-2306-05747 [818], IsikYA23 [445], TasselGS23 [817], AntuoriHHEN21 [32] | PrataAN23 [710], AkramNHRSA23 [19], Mehdizadeh-Somarin23 [592], AfsarVPG23 [12], GokPTGO23 [348], EfthymiouY23 [267], MullerMKP22 [622], SvancaraB22 [807], Zahout21 [909], Lemos21 [524], KovacsTKSG21 [498], Astrand21 [50], Edis21 [263], ZarandiASC20 [912], Lunardi20 [568], PachecoPR19 [678], BajestaniB13 [58], CarchraeB09 [181], MeyerE04 [605], PerronSF04 [692] |

Table 19: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

| Type | Keyword | High | Medium | Low |
|---|---|---|---|---|
| Algorithms | simulated annealing | LuZZYW24 [564], PovedaAA23 [707], IsikYA23 [445], WinterMMW22 [889], Lemos21 [524], SacramentoSP20 [751], ZarandiASC20 [912], KletzanderM20 [481], NattafDYW19 [643], abs-1911-04766 [329], LiuCGM17 [546], KletzanderM17 [480], Froger16 [313], RendlPHPR12 [729], LimRX04 [534], GlobusCLP04 [342], JainM99 [447], Beck99 [85], BlazewiczDP96 [173] | abs-2402-00459 [647], Mehdizadeh-Somarin23 [592], LacknerMMWW23 [515], NaqviAIAAA22 [638], GeitzGSSW22 [332], ColT22 [224], Edis21 [263], HubnerGSV21 [440], Astrand21 [50], MejiaY20 [593], Lunardi20 [568], GombolayWS18 [353], GedikKEK18 [326], GedikKBR17 [327], BeckFW11 [93], RasmussenT09 [725], HladikCDJ08 [419], WatsonB08 [884], BeniniLMR08 [122], BeniniBGM05 [118], BeckF98 [94], NuijtenP98 [659], BeckDDF98 [89], Wallace96 [875], AggounB93 [13], MintonJPL90 [610] | JuvinHL23a [459], AbreuNP23 [234], AbreuPNF23 [5], PenzDN23 [688], SquillaciPR23 [798], abs-2306-05747 [818], TasselGS23 [817], AkramNHRSA23 [19], PohlAK22 [702], NaderiBZ22a [631], AbreuN22 [233], AwadMDMT22 [54], YunusogluY22 [905], JuvinHL22 [457], YuraszeckMPV22 [907], OrnekOS20 [669], FanXG21 [292], KletzanderMH21 [482], HamPK21 [382], LacknerMMWW21 [514], GeibingerMM21 [331], Groleaz21 [363], ZhangYW21 [922], AbreuAPNM21 [232], KoehlerBFFHPSSS21 [483], MengLZB21 [598], TangB20 [813], MokhtarzadehTNF20 [613], FallahiAC20 [290]... (Total: 83) |
| Algorithms | support vector regression | | | CohenHB17 [216] |
| Algorithms | swarm intelligence | | ZarandiASC20 [912], Lunardi20 [568] | MontemanniD23 [617], Groleaz21 [363], HamPK21 [382], GroleazNS20a [364], Novas19 [652], Siala15a [784] |
| Algorithms | sweep | Tesch18 [824], NattafALR16 [642], Tesch16 [823], BonfiettiZLM16 [153], Derrien15 [244], SimoninAHL15 [787], NattafAL15 [640], GayHS15 [323], LetortCB15 [528], DerrienPZ14 [246], Letort13 [525], LetortCB13 [527], Clercq12 [235], SimoninAHL12 [786], LetortBC12 [526], ClercqPBJ11 [213], Malapert11 [578], abs-0907-0939 [696], ClautiauxJCM08 [211], BeldiceanuP07 [112], Wolf05 [891], WolfS05a [893], Wolf03 [890], BeldiceanuC02 [108], BeldiceanuC01 [107] | ArkhipovBL19 [37], GoldwaserS18 [351], FahimiOQ18 [287], GayHS15a [324], Schutt11 [765], AronssonBK09 [41], PoderB08 [700], WolfS05 [894] | BonninMNE24 [154], KameugneFND23 [464], TardivoDFMP23 [815], OuelletQ22 [672], HebrardALLCMR22 [396], GeitzGSSW22 [332], FetgoD22 [298], Godet21a [344], FachiniA20 [285], FallahiAC20 [290], HoundjiSW19 [438], CauwelaertLS18 [196], KameugneFGOQ18 [463], Madi-WambaLOBM17 [574], Fahimi16 [286], GingrasQ16 [341], Dejemeppe16 [238], Nattaf16 [639], BartakV15 [80], EvenSH15 [283], EvenSH15a [284], BonfiettiLBM14 [149], ChunS14 [207], LudwigKRBMS14 [566], DerrienP14 [245], GaySS14 [325], OuelletQ13 [670], LozanoCDS12 [563], BeldiceanuCDP11 [109]... (Total: 42) |
| Algorithms | systematic local search | | | Beck07 [87], DilkinaDH05 [248], DilkinaH04 [249] |
| Algorithms | time-tabling | ShaikhK23 [779], TardivoDFMP23 [815], OrnekOS20 [669], OuelletQ22 [672], BulckG22 [855], Lemos21 [524], DemirovicS18 [243], FahimiOQ18 [287], Fahimi16 [286], GayHS15a [324], Kameugne14 [461], OuelletQ13 [670], Letort13 [525], GuyonLPR12 [375], HeinzS11 [405], Menana11 [594], KanetAG04 [468], Laborie03 [508], LimAHO02a [533], ElkhyariGJ02a [273], Schaerf97 [759], Wallace96 [875], YoshikawaKNW94 [901] | Astrand21 [50], Godet21a [344], WallaceY20 [877], ZarandiASC20 [912], abs-1902-01193 [20], CauwelaertLS18 [196], OuelletQ18 [671], Tesch18 [824], HookerH17 [436], Derrien15 [244], GayHS15 [323], BofillGSV15 [145], LimBTBB15a [536], Siala15a [784], Siala15 [783], Vilim11 [868], RasmussenT06 [723], RoePS05 [741], MeyerE04 [605], Elkhyari03 [271], Demassey03 [241], EastonNT02 [262], Bartak02 [75], PesantGPR99 [693] | BonninMNE24 [154], PrataAN23 [710], MarliereSPR23 [587], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], KameugneFND23 [464], AbreuNP23 [234], AlakaP23 [22], TouatBT22 [834], FarsiTM22 [293], SvancaraB22 [807], FetgoD22 [298], NaqviAIAAA22 [638], KletzanderMH21 [482], GeibingerMM21 [331], MokhtarzadehTNF20 [613], KletzanderM20 [481], GodetLHS20 [345], LiuLH19 [543], KucukY19 [507], Caballero19 [174], Hooker19 [432], abs-1911-04766 [329], GeibingerMM19 [330], ArkhipovBL19 [37], LiuLH18 [541], BaptisteB18 [64], KameugneFGOQ18 [463], AstrandJZ18 [52]... (Total: 82) |

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# A Papers and Articles Missing a Local Copy

This section lists all papers and articles for which we were not able to locate an electronic copy that we could download to our system. This might be because the work is behind a paywall for which we do not have access, or since the paper only exists in hardcopy, for works from the start of the period covered. As in either case we are not able to extract useful information from the work, either automatically, or manually, without the actual text itself, these gaps should be closed where possible.

Some journals are highlighted in red, indicating that I cannot read these through our library. This helps to avoid repeatedly checking whether I can access the papers via the publication URL. The highlighting is controlled by the blocked.json file in the imports/ directory.

Table 20: PAPER without Local Copy

| Key | URL | Authors | Title | Year | Conference /Journal | Cite |
|---|---|---|---|---|---|---|
| FriedrichFMRSST | FriedrichFMRSST | G. Friedrich, M. Frühstück, V. Mersheeva, A. Ryabokon, M. Sander, A. Starzacher, E. Teppan | Representing Production Scheduling with Constraint Answer Set Programming | 2014 | GOR 2014 | [310] |
| FelizariAL09 | FelizariAL09 | L. C. Felizari, Lucia V. R. de Arruda, R. Lueders, S. L. Stebel | Sequencing Batches in a Real-World Pipeline Network Using Constraint Programming | 2009 | PSE 2009 | [297] |
| MagataoAN05 | MagataoAN05 | L. Magatao, L. Arruda, F. Neves-Jr | Using CLP and MILP for scheduling commodities in a pipeline | 2005 | ESCAPE 2005 | [575] |
| OddiPCC05 | OddiPCC05 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems | 2005 | MISTA 2005 | [662] |
| VillaverdeP04 | VillaverdeP04 | K. Villaverde, E. Pontelli | An Investigation of Scheduling in Distributed Constraint Logic Programming | 2004 | ISCA 2004 | [872] |
| TsurutaS00 | TsurutaS00 | T. Tsuruta, T. Shintani | Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm | 2000 | ECAI 2000 | [849] |
| DorndorfPH99 | DorndorfPH99 | U. Dorndorf, E. Pesch, T. P. Huy | Recent Developments in Scheduling | 1999 | Operations Research Proceedings 1999 | [257] |
| SakkoutRW98 | SakkoutRW98 | H. E. Sakkout, T. Richards, M. G. Wallace | Minimal Perturbance in Dynamic Scheduling | 1998 | ECAI 1998 | [755] |
| BoucherBVBL97 | BoucherBVBL97 | E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard | Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Schedulingt Problem | 1997 | PACT 1997 | [159] |
| MurthyRAW97 | MurthyRAW97 | S. S. Murthy, J. Rachlin, R. Akkiraju, F. Y. Wu | Agent-Based Cooperative Scheduling | 1997 | AAAI 1997 | [626] |
| PapeB96 | PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | 1996 | ECAI 1996 | [682] |
| Schaerf96 | Schaerf96 | A. Schaerf | Scheduling Sport Tournaments using Constraint Logic Programming | 1996 | ECAI 1996 | [758] |
| StidsenKM96 | StidsenKM96 | T. R. Stidsen, L. V. Kragelund, O. Mateescu | Jobshop Scheduling in a Shipyard | 1996 | ECAI 1996 | [799] |
| JourdanFRD94 | JourdanFRD94 | J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure | Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming | 1994 | ILPS 1994 | [452] |
| NuijtenA94a | NuijtenA94a | W. P. M. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | 1994 | ECAI 1994 | [656] |
| Rodosek94 | Rodosek94 | R. Rodosek | Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective | 1994 | ECAI 1994 | [734] |
| Wallace94 | Wallace94 | M. G. Wallace | Applying Constraints for Scheduling | 1994 | Constraint Programming 1994 | [874] |
| YeGMH94 | YeGMH94 | P. Ye, D. Glass, M. F. McTear, J. G. Hughes | Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm | 1994 | ECAI 1994 | [900] |

Table 21: ARTICLE without Local Copy

| Key | URL | Authors | Title | Year | Conference /Journal | Cite |
|---|---|---|---|---|---|---|
| FahimiQ23 | FahimiQ23 | H. Fahimi, C.-G. Quimper | Overload-Checking and Edge-Finding for Robust Cumulative Scheduling | 2023 | INFORMS Journal on Computing | [288] |

Table 21: ARTICLE without Local Copy

| Key | URL | Authors | Title | Year | Conference /Journal | Cite |
|---|---|---|---|---|---|---|
| GhasemiMH23 | GhasemiMH23 | S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid | Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method | 2023 | International Journal of Systems Science: Operations Logistics | [339] |
| GunerGSKD23 | GunerGSKD23 | F. Güner, A. K. Görür, B. Satır, L. Kandiller, J. H. Drake | A constraint programming approach to a real-world workforce scheduling problem for multi-manned assembly lines with sequence-dependent setup times | 2023 | International Journal of Production Research | [371] |
| NouriMHD23 | NouriMHD23 | B. Vahedi-Nouri, R. Tavakkoli-Moghaddam, Z. Hanzálek, A. Dolgui | Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration | 2023 | International Journal of Production Research | [852] |
| CilKLO22 | CilKLO22 | Z. A. Cil, D. Kizilay, Z. Li, H. Öztop | Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm | 2022 | Expert Systems with Applications | [208] |
| GhandehariK22 | GhandehariK22 | N. Ghandehari, K. Kianfar | Mixed-integer linear programming, constraint programming and column generation approaches for operating room planning under block strategy | 2022 | APPLIED MATHEMATICAL MODELLING | [338] |
| HillBCGN22 | HillBCGN22 | A. Hill, A. J. Brickey, I. Cipriano, M. Goycoolea, A. Newman | Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining | 2022 | INFORMS Journal on Computing | [417] |
| MartnezAJ22 | MartnezAJ22 | K. P. Martínez, Y. Adulyasak, R. Jans | Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems | 2022 | INFORMS Journal on Computing | [590] |
| NaderiR22 | NaderiR22 | B. Naderi, V. Roshanaei | Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling | 2022 | INFORMS Journal on Optimization | [635] |
| ShiYXQ22 | ShiYXQ22 | G. Shi, Z. Yang, Y. Xu, Y. Quan | Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach | 2022 | International Journal of Production Research | [781] |
| CarlierSJP21 | CarlierSJP21 | J. Carlier, A. Sahli, A. Jouglet, E. Pinson | A faster checker of the energetic reasoning for the cumulative scheduling problem | 2021 | International Journal of Production Research | [188] |
| NaderiRBAU21 | NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | 2021 | Production and Operations Management | [636] |
| Pinarbasi21 | Pinarbasi21 | M. Pınarbaşı | New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions | 2021 | Engineering Optimization | [714] |
| RabbaniMM21 | RabbaniMM21 | M. Rabbani, M. Mokhtarzadeh, N. Manavizadeh | A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems | 2021 | International Journal of Management Science and Engineering Management | [721] |
| AbidinK20 | AbidinK20 | Z. A. Cil, D. Kizilay | Constraint programming model for multi-manned assembly line balancing problem | 2020 | Computers Operations Research | [3] |
| AlizdehS20 | AlizdehS20 | S. Alizdeh, S. Saeidi | Fuzzy project scheduling with critical path including risk and resource constraints using linear programming | 2020 | Int. J. Adv. Intell. Paradigms | [26] |
| BalochG20 | BalochG20 | G. Baloch, F. Gzara | Strategic Network Design for Parcel Delivery with Drones Under Competition | 2020 | Transportation Science | [61] |
| GuoHLW20 | GuoHLW20 | P. Guo, X. He, Y. Luan, Y. Wang | Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail–road container terminal | 2020 | Engineering Optimization | [372] |
| Ham20 | Ham20 | A. Ham | Transfer-robot task scheduling in job shop | 2020 | International Journal of Production Research | [379] |
| KizilayC20 | KizilayC20 | D. Kizilay, Z. A. Cil | Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations | 2020 | Engineering Optimization | [478] |
| PinarbasiA20 | PinarbasiA20 | M. Pınarbaşı, H. M. Alakaş | Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models | 2020 | Engineering Optimization | [715] |
| EdwardsBSE19 | EdwardsBSE19 | S. J. Edwards, D. Baatar, K. Smith-Miles, A. T. Ernst | Symmetry breaking of identical projects in the high-multiplicity RCPSP/max | 2019 | Journal of the Operational Research Society | [266] |
| HechingHK19 | HechingHK19 | A. Heching, J. N. Hooker, R. Kimura | A Logic-Based Benders Approach to Home Healthcare Delivery | 2019 | Transportation Science | [399] |
| KonowalenkoMM1 | KonowalenkoMM1 | E. Konowalenko, W. Meira, L. Magatao | Constraint Logic Programming Applied to Sequencing Tasks in a Pipeline Network | 2019 | IEEE LATIN AMERICA TRANSACTIONS | [486] |
| PinarbasiAY19 | PinarbasiAY19 | M. Pinarbasi, H. M. Alakas, M. Yuzukirmizi | A constraint programming approach to type-2 assembly line balancing problem with assignment restrictions | 2019 | Assembly Automation | [698] |
| WariZ19 | WariZ19 | E. Wari, W. Zhu | A Constraint Programming model for food processing industry: a case for an ice cream processing facility | 2019 | International Journal of Production Research | [882] |
| CarlssonJL17 | CarlssonJL17 | M. Carlsson, M. Johansson, J. Larson | Scheduling double round-robin tournaments with divisional play using constraint programming | 2017 | European Journal of Operational Research | [189] |

Table 21: ARTICLE without Local Copy

| Key | URL | Authors | Title | Year | Conference /Journal | Cite |
|---|---|---|---|---|---|---|
| RoshanaeiLAU17a | RoshanaeiLAU17a | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Collaborative Operating Room Planning and Scheduling | 2017 | INFORMS Journal on Computing | [743] |
| ZhaoL14 | ZhaoL14 | Z. Zhao, X. Li | Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming | 2014 | Operations Research for Health Care | [925] |
| MeskensDL13 | MeskensDL13 | N. Meskens, D. Duvivier, A. Lianset | Multi-objective operating room scheduling considering desiderata of the surgical team | 2013 | DECISION SUPPORT SYSTEMS | [604] |
| SuCC13 | SuCC13 | L.-H. Su, Y. Chiu, T. C. E. Cheng | Sports tournament scheduling to determine the required number of venues subject to the minimum timeslots under given formats | 2013 | Computers Industrial Engineering | [800] |
| MalapertGR12 | MalapertGR12 | A. Malapert, C. Guéret, L.-M. Rousseau | A constraint programming approach for a batch processing problem with non-identical job sizes | 2012 | European Journal of Operational Research | [581] |
| Ribeiro12 | Ribeiro12 | C. C. Ribeiro | Sports scheduling: Problems and applications | 2012 | INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH | [731] |
| TopalogluSS12 | TopalogluSS12 | S. Topaloglu, L. Salum, A. A. Supciller | Rule-based modeling and constraint programming based solution of the assembly line balancing problem | 2012 | Expert Systems with Applications | [832] |
| ZarandiB12 | ZarandiB12 | M. M. Fazel-Zarandi, J. C. Beck | Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem | 2012 | INFORMS Journal on Computing | [295] |
| ZengM12 | ZengM12 | L. Zeng, S. Mizuno | On the separation in 2-period double round robin tournaments with minimum breaks | 2012 | Computers Operations Research | [919] |
| EdisO11a | EdisO11a | E. B. Edis, I. Ozkarahan | A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions | 2011 | Engineering Optimization | [265] |
| KendallKRU10 | KendallKRU10 | G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia | Scheduling in sports: An annotated bibliography | 2010 | Computers Operations Research | [471] |
| LiuGT10 | LiuGT10 | S.-X. Liu, Z. Guo, J.-F. Tang | Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences | 2010 | Acta Automatica Sinica | [544] |
| ZeballosM09 | ZeballosM09 | L. J. Zeballos, C. A. Méndez | An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants | 2009 | Industrial Engineering Chemistry Research | [916] |
| RasmussenT07 | RasmussenT07 | R. V. Rasmussen, M. A. Trick | A Benders approach for the constrained minimum break problem | 2007 | European Journal of Operational Research | [724] |
| RussellU06 | RussellU06 | R. A. Russell, T. L. Urban | A constraint programming approach to the multiple-venue, sport-scheduling problem | 2006 | Computers Operations Research | [749] |
| HenzMT04 | HenzMT04 | M. Henz, T. Müller, S. Thiel | Global constraints for round robin tournament scheduling | 2004 | European Journal of Operational Research | [414] |
| OkanoDTRYA04 | OkanoDTRYA04 | H. Okano, A. J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano | Finishing Line Scheduling in the steel industry | 2004 | IBM J. Res. Dev. | [667] |
| ElfJR03 | ElfJR03 | M. Elf, M. Jünger, G. Rinaldi | Minimizing breaks by maximizing cuts | 2003 | OPERATIONS RESEARCH LETTERS | [269] |
| Hentenryck02 | Hentenryck02 | P. V. Hentenryck | Constraint and Integer Programming in OPL | 2002 | INFORMS Journal on Computing | [410] |
| Hooker02 | Hooker02 | J. N. Hooker | Logic, Optimization, and Constraint Programming | 2002 | INFORMS Journal on Computing | [422] |
| MilanoORT02 | MilanoORT02 | M. Milano, G. Ottosson, P. Refalo, E. S. Thorsteinsson | The Role of Integer Programming Techniques in Constraint Programming's Global Constraints | 2002 | INFORMS Journal on Computing | [607] |
| Henz01 | Henz01 | M. Henz | Scheduling a Major College Basketball Conference—Revisited | 2001 | Operations Research | [413] |
| LustigP01 | LustigP01 | I. J. Lustig, J.-F. Puget | Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming | 2001 | Interfaces | [571] |
| TrentesauxPT01 | TrentesauxPT01 | D. Trentesaux, P. Pesin, C. Tahon | Comparison of constraint logic programming and distributed problem solving: a case study for interactive, efficient and practicable job-shop scheduling | 2001 | Computers Industrial Engineering | [844] |
| BockmayrK98 | BockmayrK98 | A. Bockmayr, T. Kasper | Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming | 1998 | INFORMS Journal on Computing | [139] |
| DarbyDowmanL98 | DarbyDowmanL98 | K. Darby-Dowman, J. Little | Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming | 1998 | INFORMS Journal on Computing | [227] |
| PintoG97 | PintoG97 | J. M. Pinto, I. E. Grossmann | A logic-based approach to scheduling problems with resource constraints | 1997 | Computers Chemical Engineering | [699] |

Table 21: ARTICLE without Local Copy

| Key | URL | Authors | Title | Year | Conference /Journal | Cite |
|---|---|---|---|---|---|---|
| PeschT96 | PeschT96 | E. Pesch, U. A. W. Tetzlaff | Constraint Propagation Based Scheduling of Job Shops | 1996 | INFORMS Journal on Computing | [695] |
| LubySZ93 | LubySZ93 | M. Luby, A. Sinclair, D. Zuckerman | Optimal speedup of Las Vegas algorithms | 1993 | Information Processing Letters | [565] |
| Tay92 | Tay92 | D. B. H. Tay | COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling | 1992 | Comput. J. | [819] |
| Carlier82 | Carlier82 | J. Carlier | The one-machine sequencing problem | 1982 | European Journal of Operational Research | [183] |
| Lauriere78 | Lauriere78 | J.-L. Lauriere | A language and a program for stating and solving combinatorial problems | 1978 | Artificial Intelligence | [521] |
| Mackworth77 | Mackworth77 | A. K. Mackworth | Consistency in networks of relations | 1977 | Artificial Intelligence | [572] |
| GareyJS76 | GareyJS76 | M. R. Garey, D. S. Johnson, R. Sethi | The Complexity of Flowshop and Jobshop Scheduling | 1976 | Mathematics of Operations Research | [318] |
| PritskerWW69 | PritskerWW69 | A. A. B. Pritsker, L. J. Waiters, P. M. Wolfe | Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach | 1969 | Management Science | [711] |

# B Papers and Articles Without Recognized Concepts

This section lists papers and articles for which we have a pdf local copy, but where we were not able to extract any of the defined concepts. This can basically have two reasons. We either have included a paper which is not at all related to scheduling, so that none of the defined concepts occur in the paper. A more likely cause is that the pdf file is a scanned document for which optical character recognition was not run or not successful, so that the pdf consists of a series of bitmap images. In that case, pdfgrep is unable to find any text in the document, and no matches for concepts are found. It may be useful to check the pdf files to see if that is the case.

Table 22: PAPER without Concepts

| Key | Local Copy | Authors | Title | Year | Conference /Journal | Cite | Pages |
|---|---|---|---|---|---|---|---|
| BaptisteLV92 | Yes | P. Baptiste, B. Legeard, C. Varnier | Hoist scheduling problem: an approach based on constraint logic programming | 1992 | ICRA 1992 | [71] | 6 |
| DincbasHSAGB88 | Yes | M. Dincbas, P. V. Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier | The Constraint Logic Programming Language CHIP | 1988 | FGCS 1988 | [250] | 10 |

Table 23: ARTICLE without Concepts

| Key | Local Copy | Authors | Title | Year | Conference /Journal | Cite | Pages |
|---|---|---|---|---|---|---|---|
| KorbaaYG00 | Yes | O. Korbaa, P. Yim, J.-C. Gentina | Solving Transient Scheduling Problems with Constraint Programming | 2000 | Eur. J. Control | [488] | 10 |
| LopezAKYG00 | Yes | P. Lopez, H. Alla, O. Korbaa, P. Yim, J.-C. Gentina | Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina | 2000 | Eur. J. Control | [560] | 4 |
| CarlierP94 | Yes | J. Carlier, E. Pinson | Adjustment of heads and tails for the job-shop problem | 1994 | European Journal of Operational Research | [186] | 16 |
| ApplegateC91 | Yes | D. Applegate, W. Cook | A Computational Study of the Job-Shop Scheduling Problem | 1991 | ORSA Journal on Computing | [33] | 8 |

## B.1 Irrelevant Work Suspects

The works in the following table might be irrelevant, as they either do not contain the concept "scheduling", or none of the "constraint" related concepts.

Table 24: Works that might be Irrelevant (Total 26)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ShinBBHO18 ShinBBHO18 | S. Y. Shin, Y. Brun, H. Balasubramanian, P. L. Henneman, L. J. Osterweil | Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling | Yes | [782] | 2018 | IEEE Trans. Syst. Man Cybern. Syst. | 16 | 9 9 12 | 31 39 | 1622 | 1743 |
| HebrardHJMPV16 HebrardHJMPV16 | E. Hebrard, M.-J. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie | Approximation of the parallel machine scheduling problem with additional unit resources | Yes | [397] | 2016 | Discrete Applied Mathematics | 10 | 9 10 12 | 8 8 | 1480 | n/a |
| LuoVLBM16 LuoVLBM16 | R. Luo, R. A. Valenzano, Y. Li, J. C. Beck, S. A. McIlraith | Using Metric Temporal Logic to Specify Scheduling Problems | Yes | [569] | 2016 | KR 2016 | 4 | 0 0 0 | 0 0 | 716 | n/a |
| LouieVNB14 LouieVNB14 | W.-Y. G. Louie, T. S. Vaquero, G. Nejat, J. C. Beck | An autonomous assistive robot for planning, scheduling and facilitating multi-user activities | Yes | [562] | 2014 | ICRA 2014 | 7 | 16 16 28 | 9 21 | 712 | n/a |

Table 24: Works that might be Irrelevant (Total 26)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LudwigKRBMS14 LudwigKRBMS14 | J. Ludwig, A. Kalton, R. Richards, B. Bautsch, C. Markusic, J. Schumacher | A Schedule Optimization Tool for Destructive and Non-Destructive Vehicle Tests | Yes | [566] | 2014 | AAAI 2014 | 6 | 1 1 0 | 0 0 | 714 | n/a |
| KameugneF13 KameugneF13 | R. Kameugne, L. P. Fotso | A cumulative not-first/not-last filtering algorithm in O(n 2log(n)) | Yes | [465] | 2013 | Indian Journal of Pure and Applied Mathematics | 21 | 6 8 8 | 4 19 | 1504 | n/a |
| HeinzSSW12 HeinzSSW12 | S. Heinz, T. Schlechte, R. Stephan, M. Winkler | Solving steel mill slab design problems | Yes | [404] | 2012 | Constraints An Int. J. | 12 | 10 11 12 | 9 16 | 1484 | 1758 |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| AronssonBK09 AronssonBK09 | M. Aronsson, M. Bohlin, P. Kreuger | MILP formulations of cumulative constraints for railway scheduling - A comparative study | Yes | [41] | 2009 | ATMOS 2009 | 13 | 0 0 0 | 0 0 | 462 | n/a |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |
| DoRZ08 DoRZ08 | M. B. Do, W. Ruml, R. Zhou | On-line Planning and Scheduling: An Application to Controlling Modular Printers | Yes | [253] | 2008 | AAAI 2008 | 5 | 0 0 0 | 0 0 | 565 | n/a |
| GarganiR07 GarganiR07 | A. Gargani, P. Refalo | An Efficient Model and Strategy for the Steel Mill Slab Design Problem | Yes | [319] | 2007 | CP 2007 | 13 | 17 18 28 | 5 12 | 595 | n/a |
| ElhouraniDM07 ElhouraniDM07 | T. Elhourani, N. Denny, M. M. Marefat | A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem | Yes | [270] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 572 | n/a |
| LiuJ06 LiuJ06 | Y. Liu, Y. Jiang | LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming | Yes | [547] | 2006 | PRICAI 2006 | 5 | 0 0 1 | 0 0 | 703 | n/a |
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |
| Layfield02 Layfield02 | C. J. Layfield | A constraint programming pre-processor for duty scheduling | Yes | [522] | 2002 | University of Leeds, UK | 230 | 0 0 0 | 0 0 | 3163 | n/a |
| Refalo00 Refalo00 | P. Refalo | Linear Formulation of Constraint Programming Models and Hybrid Solvers | Yes | [727] | 2000 | CP 2000 | 15 | 35 37 49 | 11 22 | 776 | n/a |
| BensanaLV99 BensanaLV99 | E. Bensana, M. Lemaître, G. Verfaillie | Earth Observation Satellite Management | Yes | [125] | 1999 | Constraints An Int. J. | 7 | 99 0 150 | 0 0 | 1397 | 1775 |
| SmithBHW96 SmithBHW96 | B. M. Smith, S. C. Brailsford, P. M. Hubbard, H. P. Williams | The progressive party problem: Integer linear programming and constraint programming compared | Yes | [795] | 1996 | Constraints An Int. J. | 20 | 56 57 61 | 4 9 | 1627 | n/a |
| CrawfordB94 CrawfordB94 | J. M. Crawford, A. B. Baker | Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems | Yes | [221] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 553 | n/a |
| Hamscher91 Hamscher91 | W. Hamscher | ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals | Yes | [386] | 1991 | AAAI 1991 | 6 | 0 0 0 | 0 0 | 625 | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |
| Rit86 Rit86 | J.-F. Rit | Propagating Temporal Constraints for Scheduling | Yes | [733] | 1986 | AAAI 1986 | 6 | 0 0 0 | 0 0 | 780 | n/a |
| FoxAS82 FoxAS82 | M. S. Fox, B. P. Allen, G. Strohm | Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning | Yes | [305] | 1982 | AAAI 1982 | 4 | 0 0 0 | 0 0 | 585 | n/a |

Table 25: Features of Works that might be Irrelevant

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ShinBBHO18 [782] | 16 | order, transportation, job, scheduling, task, machine, preempt, resource, activity, stochastic, inventory | | | | | physician, nurse, patient, medical | | github, real-world | | 1116 | 1743 |
| HebrardHJMPV16 [397] | 10 | online scheduling, cmax, scheduling, order, make-span, distributed, machine, job, completion-time, resource, task | parallel machine | cumulative | | | satellite, earth observation | | industrial partner | | 1139 | n/a |
| LuoVLBM16 [569] | 4 | job-shop, resource, order, activity, scheduling, task, job, machine, explanation, precedence | | | | | nurse | | | time-tabling | 132 | n/a |
| LouieVNB14 [562] | 7 | resource, periodic, activity, order, job, scheduling, task, machine | | cycle | | OPL | patient, robot | | | | 176 | n/a |
| LudwigKRBMS14 [566] | 6 | task, precedence, scheduling, transportation, resource, periodic, order | | cycle | | OZ | automotive, robot | | real-world | sweep | 177 | n/a |
| KameugneF13 [465] | 21 | order, task, release-date | | cumulative | | | | | | not-first | 1177 | n/a |
| HeinzSSW12 [404] | 12 | explanation, constraint programming, inventory, order, task, constraint satisfaction, CP | | bin-packing | | Cplex | steel mill | steel industry, process industry | CSPlib, real-world | large neighborhood search, column generation | 1186 | 1758 |
| SchausHMCMD11 [761] | 23 | stochastic, periodic, task, CP, CSP, constraint optimization, constraint programming, constraint logic programming, order | SCC | Element constraint, Cardinality constraint, bin-packing, GCC constraint | | | steel mill | steel industry | CSPlib, generated instance, benchmark | meta heuristic, large neighborhood search | 1214 | 1764 |
| AronssonBK09 [41] | 13 | job-shop, transportation, CLP, job, order, CP, task, constraint programming | | cumulative | Prolog | Cplex, CHIP | railway | | real-world, real-life | sweep | 239 | n/a |
| HentenryckM08 [412] | 5 | CSP, CP, order, constraint programming | | bin-packing | | | steel mill | | CSPlib | large neighborhood search | 260 | n/a |
| SchausD08 [760] | 6 | order, task, preempt, precedence, preemptive, CSP, CP, constraint programming | | IloPack, bin-packing, cycle, Reified constraint, Element constraint | | Ilog Solver, OPL | | | real-life, benchmark | large neighborhood search | 266 | n/a |
| DoRZ08 [253] | 5 | order scheduling, distributed, resource, job, stochastic, scheduling, machine, order, make-span | | | | | robot | | real-world, industrial partner | | 258 | n/a |
| GarganiR07 [319] | 13 | machine, resource, CP, inventory, order, constraint programming, CSP | | Element constraint, bin-packing, Channeling constraint | C++ | OPL | steel mill | steel industry | real-life, CSPlib | large neighborhood search, column generation | 273 | n/a |
| ElhouraniDM07 [270] | 6 | constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity | | cycle | | OPL | | | | | 272 | n/a |

Table 25: Features of Works that might be Irrelevant

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LiuJ06 [547] | 5 | task, order, make-span, resource, multi-objective, scheduling | | disjunctive, Disjunctive constraint, cycle | | | | | | | 289 | n/a |
| MaraveliasG04 [586] | 20 | | | | | OZ | | | | | 334 | n/a |
| FrankK03 [308] | 10 | stochastic, order, scheduling | | | | | astronomy, airport, aircraft, telescope | | benchmark | | 345 | n/a |
| Layfield02 [522] | 230 | CP | | | C | OPL, OZ, Z3 | | | | | 3146 | n/a |
| Refalo00 [727] | 15 | transportation, constraint programming, constraint satisfaction, CP, order, CLP | | Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit | | CHIP, Ilog Solver, Cplex | hoist | | | quadratic programming | 375 | n/a |
| BensanaLV99 [125] | 7 | constraint satisfaction, constraint programming, order, CP, CSP, constraint optimization, explanation | | cycle | | Ilog Solver, Cplex | satellite, earth observation | | benchmark | | 1318 | 1775 |
| SmithBHW96 [795] | 20 | constraint satisfaction, resource, order, constraint programming, CSP, task, CLP, constraint logic programming | | | C++ | OPL, Ilog Solver | | | real-life | | 1339 | n/a |
| CrawfordB94 [221] | 6 | order, machine, scheduling, resource, job-shop, distributed, job, task | | | | | operating room | | | | 423 | n/a |
| Hamscher91 [386] | 6 | machine, order, CP, inventory | TMS | | Lisp | | | | | | 436 | n/a |
| Valdes87 [853] | 5 | precedence, order, constraint satisfaction, task | | circuit, disjunctive, cycle | | | | | | | 443 | n/a |
| Rit86 [733] | 6 | activity, scheduling, resource, job, order, precedence, task, job-shop | | Disjunctive constraint, disjunctive | | | | | | | 444 | n/a |
| FoxAS82 [305] | 4 | job, order, scheduling, distributed, precedence, job-shop, due-date, re-scheduling, tardiness, machine, task, resource | | | | | robot | | | | 445 | n/a |

## B.2 Works with Few Extracted Concepts

These works do match only few concepts, they might be discussing other topics that should be included in the list of concepts, or they might be irrelevant, and included in the survey by mistake.

Table 26: Works with Low Feature Count (Total 20)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |
| FeldmanG89 FeldmanG89 | R. Feldman, M. C. Golumbic | Constraint Satisfiability Algorithms for Interactive Student Scheduling | Yes | [296] | 1989 | IJCAI 1989 | 7 | 0 0 0 | 0 0 | 581 | n/a |
| Layfield02 Layfield02 | C. J. Layfield | A constraint programming pre-processor for duty scheduling | Yes | [522] | 2002 | University of Leeds, UK | 230 | 0 0 0 | 0 0 | 3163 | n/a |
| KameugneF13 KameugneF13 | R. Kameugne, L. P. Fotso | A cumulative not-first/not-last filtering algorithm in O(n 2log(n)) | Yes | [465] | 2013 | Indian Journal of Pure and Applied Mathematics | 21 | 6 8 8 | 4 19 | 1504 | n/a |
| Hamscher91 Hamscher91 | W. Hamscher | ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals | Yes | [386] | 1991 | AAAI 1991 | 6 | 0 0 0 | 0 0 | 625 | n/a |
| FalaschiGMP97 FalaschiGMP97 | M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi | Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators | Yes | [289] | 1997 | Inf. Comput. | 27 | 10 10 12 | 9 15 | 1443 | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |
| AngelsmarkJ00 AngelsmarkJ00 | O. Angelsmark, P. Jonsson | Some Observations on Durations, Scheduling and Allen's Algebra | Yes | [28] | 2000 | CP 2000 | 5 | 1 1 6 | 9 17 | 455 | n/a |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |
| Kumar03 Kumar03 | T. K. S. Kumar | Incremental Computation of Resource-Envelopes in Producer-Consumer Models | Yes | [505] | 2003 | CP 2003 | 15 | 4 4 7 | 2 6 | 681 | n/a |
| ZhangLS12 ZhangLS12 | X. Zhang, Z. Lv, X. Song | Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method | Yes | [924] | 2012 | CIT 2012 | 4 | 1 1 1 | 3 9 | 867 | n/a |
| LiuJ06 LiuJ06 | Y. Liu, Y. Jiang | LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming | Yes | [547] | 2006 | PRICAI 2006 | 5 | 0 0 1 | 0 0 | 703 | n/a |
| ZhuS02 ZhuS02 | K. Q. Zhu, A. E. Santosa | A Meeting Scheduling System Based on Open Constraint Programming | Yes | [929] | 2002 | CAiSE 2002 | 5 | 0 0 0 | 5 7 | 870 | n/a |
| Hunsberger08 Hunsberger08 | L. Hunsberger | A Practical Temporal Constraint Management System for Real-Time Applications | Yes | [441] | 2008 | ECAI 2008 | 5 | 0 0 1 | 0 0 | 646 | n/a |
| CrawfordB94 CrawfordB94 | J. M. Crawford, A. B. Baker | Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems | Yes | [221] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 553 | n/a |
| ElhouraniDM07 ElhouraniDM07 | T. Elhourani, N. Denny, M. M. Marefat | A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem | Yes | [270] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 572 | n/a |
| Touraivane95 Touraivane95 | Touraïvane | Constraint Programming and Industrial Applications | Yes | [835] | 1995 | CP 1995 | 3 | 2 0 1 | 1 0 | 825 | n/a |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| DincbasS91 DincbasS91 | M. Dincbas, H. Simonis | Apache-a constraint based, automated stand allocation system | Yes | [251] | 1991 | ASTAIR 1991 | 13 | 0 0 0 | 0 0 | 564 | n/a |

Table 27: Features of Works with Low Feature Count

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MaraveliasG04 [586] | 20 | | | | | OZ | | | | | 334 | n/a |
| FeldmanG89 [296] | 7 | scheduling, constraint satisfaction, CSP, order | | | | | | | | | 440 | n/a |
| Layfield02 [522] | 230 | CP | | | C | OPL, OZ, Z3 | | | | | 3146 | n/a |
| KameugneF13 [465] | 21 | order, task, release-date | | cumulative | | | | | | not-first | 1177 | n/a |
| Hamscher91 [386] | 6 | machine, order, CP, inventory | TMS | | Lisp | | | | | | 436 | n/a |
| FalaschiGMP97 [289] | 27 | constraint programming, constraint logic programming, scheduling, CLP, order | | Arithmetic constraint | Prolog | | | | | | 1331 | n/a |
| Valdes87 [853] | 5 | precedence, order, constraint satisfaction, task | | circuit, disjunctive, cycle | | | | | | | 443 | n/a |
| AngelsmarkJ00 [28] | 5 | resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop | | | | | | | | | 371 | n/a |
| HentenryckM08 [412] | 5 | CSP, CP, order, constraint programming | | bin-packing | | | steel mill | | CSPlib | large neighborhood search | 260 | n/a |
| FrankK03 [308] | 10 | stochastic, order, scheduling | | | | | astronomy, airport, aircraft, telescope | | benchmark | | 345 | n/a |
| Kumar03 [505] | 15 | order, scheduling, CP, producer/consumer, activity, resource | | cycle | | | | | | max-flow, bi-partite matching | 346 | n/a |
| ZhangLS12 [924] | 4 | cmax, CP, constraint programming, order, CSP, constraint satisfaction, scheduling | | | | | | | | ant colony, time-tabling | 206 | n/a |
| LiuJ06 [547] | 5 | task, order, make-span, resource, multi-objective, scheduling | | disjunctive, Disjunctive constraint, cycle | | | | | | | 289 | n/a |
| ZhuS02 [929] | 5 | activity, distributed, resource, CLP, scheduling, constraint programming, constraint logic programming, CP | | | | | meeting scheduling | | | | 365 | n/a |
| Hunsberger08 [441] | 5 | distributed, CP, order, task, scheduling, multi-agent | | cycle | Lisp | | | | real-world | | 261 | n/a |
| CrawfordB94 [221] | 6 | order, machine, scheduling, resource, job-shop, distributed, job, task | | | | | operating room | | | | 423 | n/a |
| ElhouraniDM07 [270] | 6 | constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity | | cycle | | OPL | | | | | 272 | n/a |
| Touraivane95 [835] | 3 | CLP, scheduling, CP, order, constraint logic programming, task, constraint programming | | | Prolog | | crew-scheduling | | real-life | | 422 | n/a |
| HebrardALLCMR22 [396] | 7 | order, scheduling, activity, CP | | cumulative | Julia | Claire | round-robin, deep space | | | sweep | 24 | n/a |

Table 27: Features of Works with Low Feature Count

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DincbasS91 [251] | 13 | resource, re-scheduling, constraint programming, constraint logic programming, scheduling, task, online scheduling | | | | CHIP | airport, aircraft | | | | 434 | n/a |

# C Unmatched Concepts

This section lists those concepts for which no matches were found. The most likely cause is a mistake in the regular expression used to find the concept, but it is also possible that some concept simply is not mentioned in any of the documents.

Table 28: Unmatched Concepts

| Type | Name | CaseSensitive | Revision |
|---|---|---|---|
| Algorithms | large language model | | 0 |
| Industries | PCB industry | | 0 |
| Industries | leisure industry | | 0 |
| Industries | metalworking industry | | 0 |
| Industries | nuclear industry | | 0 |
| Industries | steel making industry | | 0 |
| ApplicationAreas | ship building | | 0 |
| Classification | Modified Generalized Assignment Problem | | 0 |
| Classification | PP-MS-MMRCPSP | Y | 1 |
| Classification | Pre-emptive Job-Shop scheduling Problem | | 0 |
| Classification | SMSDP | Y | 1 |
| Classification | Steel-making and continuous casting | | 0 |

# D Works by Author

## D.1 58 Works by J. Christopher Beck

Table 29: Works by J. Christopher Beck (Total 58)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LuoB22 LuoB22 | Y. L. Luo, J. C. Beck | Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem | Yes | [570] | 2022 | CPAIOR 2022 | 17 | 0 0 1 | 28 34 | 715 | 897 |
| ZhangBB22 ZhangBB22 | J. Zhang, G. L. Bianco, J. C. Beck | Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware | Yes | [921] | 2022 | ICAPS 2022 | 9 | 1 2 2 | 0 0 | 865 | n/a |
| RoshanaeiBAUB20 RoshanaeiBAUB20 | V. Roshanaei, K. E. C. Booth, D. M. Aleman, D. R. Urbach, J. C. Beck | Branch-and-check methods for multi-level operating room planning and scheduling | Yes | [742] | 2020 | International Journal of Production Economics | 19 | 24 29 29 | 43 56 | 1606 | n/a |
| TangB20 TangB20 | T. Y. Tang, J. C. Beck | CP and Hybrid Models for Two-Stage Batching and Scheduling | Yes | [813] | 2020 | CPAIOR 2020 | 16 | 6 6 6 | 12 14 | 813 | 924 |
| SenderovichBB19 SenderovichBB19 | A. Senderovich, K. E. C. Booth, J. C. Beck | Learning Scheduling Models from Event Data | Yes | [777] | 2019 | ICAPS 2019 | 9 | 0 0 0 | 0 0 | 796 | 935 |
| TranPZLDB18 TranPZLDB18 | T. T. Tran, M. Padmanabhan, P. Y. Zhang, H. Li, D. G. Down, J. C. Beck | Multi-stage resource-aware scheduling for data centers with heterogeneous servers | Yes | [839] | 2018 | Journal of Scheduling | 17 | 8 9 9 | 26 29 | 1641 | n/a |
| CohenHB17 CohenHB17 | E. Cohen, G. Huang, J. C. Beck | (I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals | Yes | [216] | 2017 | SAT 2017 | 17 | 1 1 4 | 12 26 | 550 | n/a |
| TranVNB17 TranVNB17 | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots | Yes | [841] | 2017 | J. Artif. Intell. Res. | 68 | 12 12 21 | 0 0 | 1642 | n/a |
| TranVNB17a TranVNB17a | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract) | Yes | [842] | 2017 | IJCAI 2017 | 5 | 1 1 0 | 0 0 | 829 | n/a |
| BoothNB16 BoothNB16 | K. E. C. Booth, G. Nejat, J. C. Beck | A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes | Yes | [155] | 2016 | CP 2016 | 17 | 21 21 32 | 24 31 | 523 | n/a |
| BoothTNB16 BoothTNB16 | K. E. C. Booth, T. T. Tran, G. Nejat, J. C. Beck | Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning | Yes | [156] | 2016 | IEEE Robotics and Automation Letters | 8 | 27 28 35 | 21 34 | 1406 | n/a |
| KuB16 KuB16 | W.-Y. Ku, J. C. Beck | Mixed Integer Programming models for job shop scheduling: A computational analysis | Yes | [502] | 2016 | Computers Operations Research | 9 | 119 132 141 | 17 25 | 1515 | n/a |
| LuoVLBM16 LuoVLBM16 | R. Luo, R. A. Valenzano, Y. Li, J. C. Beck, S. A. McIlraith | Using Metric Temporal Logic to Specify Scheduling Problems | Yes | [569] | 2016 | KR 2016 | 4 | 0 0 0 | 0 0 | 716 | n/a |
| TranAB16 TranAB16 | T. T. Tran, A. Araujo, J. C. Beck | Decomposition Methods for the Parallel Machine Scheduling Problem with Setups | Yes | [836] | 2016 | INFORMS Journal on Computing | 13 | 72 75 80 | 28 36 | 1640 | n/a |
| TranDRFWOVB16 TranDRFWOVB16 | T. T. Tran, M. Do, E. G. Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. C. Beck | A Hybrid Quantum-Classical Approach to Solving Scheduling Problems | Yes | [838] | 2016 | SOCS 2016 | 9 | 3 9 0 | 0 0 | 827 | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| BajestaniB15 BajestaniB15 | M. A. Bajestani, J. C. Beck | A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines | Yes | [59] | 2015 | Journal of Scheduling | 16 | 17 18 20 | 59 69 | 1373 | n/a |
| KoschB14 KoschB14 | S. Kosch, J. C. Beck | A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes | Yes | [489] | 2014 | CPAIOR 2014 | 16 | 4 4 6 | 18 25 | 671 | n/a |
| LouieVNB14 LouieVNB14 | W.-Y. G. Louie, T. S. Vaquero, G. Nejat, J. C. Beck | An autonomous assistive robot for planning, scheduling and facilitating multi-user activities | Yes | [562] | 2014 | ICRA 2014 | 7 | 16 16 28 | 9 21 | 712 | n/a |
| TerekhovTDB14 TerekhovTDB14 | D. Terekhov, T. T. Tran, D. G. Down, J. C. Beck | Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems | Yes | [822] | 2014 | J. Artif. Intell. Res. | 38 | 12 13 17 | 0 0 | 1635 | n/a |

Table 29: Works by J. Christopher Beck (Total 58)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BajestaniB13 BajestaniB13 | M. A. Bajestani, J. C. Beck | Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources | Yes | [58] | 2013 | J. Artif. Intell. Res. | 36 | 14 15 20 | 0 0 | 1372 | n/a |
| HeinzKB13 HeinzKB13 | S. Heinz, W.-Y. Ku, J. C. Beck | Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling | Yes | [403] | 2013 | CPAIOR 2013 | 16 | 9 9 17 | 15 20 | 632 | n/a |
| HeinzSB13 HeinzSB13 | S. Heinz, J. Schulz, J. C. Beck | Using dual presolving reductions to reformulate cumulative constraints | Yes | [406] | 2013 | Constraints An Int. J. | 36 | 7 7 9 | 31 41 | 1483 | 1754 |
| TranTDB13 TranTDB13 | T. T. Tran, D. Terekhov, D. G. Down, J. C. Beck | Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times | Yes | [840] | 2013 | ICAPS 2013 | 9 | 2 2 0 | 0 0 | 828 | n/a |
| HeinzB12 HeinzB12 | S. Heinz, J. C. Beck | Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling | Yes | [402] | 2012 | CPAIOR 2012 | 17 | 8 7 12 | 21 28 | 631 | n/a |
| TerekhovDOB12 TerekhovDOB12 | D. Terekhov, M. K. Dogru, U. Özen, J. C. Beck | Solving two-machine assembly scheduling problems with inventory constraints | Yes | [821] | 2012 | Computers Industrial Engineering | 15 | 8 9 16 | 48 59 | 1634 | n/a |
| TranB12 TranB12 | T. T. Tran, J. C. Beck | Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups | Yes | [837] | 2012 | ECAI 2012 | 6 | 0 0 30 | 0 0 | 826 | n/a |
| ZarandiB12 ZarandiB12 | M. M. Fazel-Zarandi, J. C. Beck | Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem | No | [295] | 2012 | INFORMS Journal on Computing | 12 | 38 38 42 | 57 61 | No | n/a |
| BajestaniB11 BajestaniB11 | M. A. Bajestani, J. C. Beck | Scheduling an Aircraft Repair Shop | Yes | [57] | 2011 | ICAPS 2011 | 8 | 2 2 0 | 0 0 | 469 | n/a |
| BeckFW11 BeckFW11 | J. C. Beck, T. K. Feng, J.-P. Watson | Combining Constraint Programming and Local Search for Job-Shop Scheduling | Yes | [93] | 2011 | INFORMS Journal on Computing | 14 | 43 46 59 | 23 33 | 1387 | n/a |
| HeckmanB11 HeckmanB11 | I. Heckman, J. C. Beck | Understanding the behavior of Solution-Guided Search for job-shop scheduling | Yes | [401] | 2011 | Journal of Scheduling | 20 | 0 1 3 | 22 39 | 1481 | n/a |
| KovacsB11 KovacsB11 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for unary resources | Yes | [493] | 2011 | Constraints An Int. J. | 24 | 4 4 9 | 26 36 | 1511 | 1762 |
| Beck10 Beck10 | J. C. Beck | Checking-Up on Branch-and-Check | Yes | [88] | 2010 | CP 2010 | 15 | 19 21 45 | 11 12 | 483 | n/a |
| BidotVLB09 BidotVLB09 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A theoretic and practical framework for scheduling in a stochastic environment | Yes | [130] | 2009 | Journal of Scheduling | 30 | 58 60 76 | 20 49 | 1398 | n/a |
| CarchraeB09 CarchraeB09 | T. Carchrae, J. C. Beck | Principles for the Design of Large Neighborhood Search | Yes | [181] | 2009 | Journal of Mathematical Modelling and Algorithms | 26 | 16 17 25 | 19 29 | 1416 | n/a |
| WuBB09 WuBB09 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints | Yes | [898] | 2009 | Computers Operations Research | 9 | 42 42 48 | 5 16 | 1655 | n/a |
| KovacsB08 KovacsB08 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for cumulative resources | Yes | [492] | 2008 | Eng. Appl. Artif. Intell. | 7 | 5 5 5 | 14 20 | 1510 | n/a |
| WatsonB08 WatsonB08 | J.-P. Watson, J. C. Beck | A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem | Yes | [884] | 2008 | CPAIOR 2008 | 15 | 14 14 24 | 17 25 | 849 | n/a |
| Beck07 Beck07 | J. C. Beck | Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling | Yes | [87] | 2007 | J. Artif. Intell. Res. | 29 | 34 34 57 | 0 0 | 1382 | n/a |
| BeckW07 BeckW07 | J. C. Beck, N. Wilson | Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations | Yes | [102] | 2007 | J. Artif. Intell. Res. | 50 | 27 31 61 | 0 0 | 1389 | n/a |
| BidotVLB07 BidotVLB07 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A General Framework for Scheduling in a Stochastic Environment | Yes | [129] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 507 | n/a |
| KovacsB07 KovacsB07 | A. Kovács, J. C. Beck | A Global Constraint for Total Weighted Completion Time | Yes | [491] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 12 18 | 673 | n/a |
| Beck06 Beck06 | J. C. Beck | An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling | Yes | [86] | 2006 | ICAPS 2006 | 10 | 0 0 0 | 0 0 | 482 | n/a |
| BeckW05 BeckW05 | J. C. Beck, N. Wilson | Proactive Algorithms for Scheduling with Probabilistic Durations | Yes | [101] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 490 | n/a |

Table 29: Works by J. Christopher Beck (Total 58)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CarchraeBF05 CarchraeBF05 | T. Carchrae, J. C. Beck, E. C. Freuder | Methods to Learn Abstract Scheduling Models | Yes | [182] | 2005 | CP 2005 | 1 | 0 0 0 | 0 0 | 533 | n/a |
| WuBB05 WuBB05 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with Uncertain Start Dates | Yes | [897] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 859 | n/a |
| BeckW04 BeckW04 | J. C. Beck, N. Wilson | Job Shop Scheduling with Probabilistic Durations | Yes | [100] | 2004 | ECAI 2004 | 5 | 0 0 0 | 0 0 | 489 | n/a |
| BeckPS03 BeckPS03 | J. C. Beck, P. Prosser, E. Selensky | Vehicle Routing and Job Shop Scheduling: What's the Difference? | Yes | [98] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 488 | n/a |
| BeckR03 BeckR03 | J. C. Beck, P. Refalo | A Hybrid Approach to Scheduling with Earliness and Tardiness Costs | Yes | [99] | 2003 | Annals of Operations Research | 23 | 29 0 45 | 0 0 | 1388 | n/a |
| BeckF00 BeckF00 | J. C. Beck, M. S. Fox | Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics | Yes | [97] | 2000 | Artificial Intelligence | 51 | 24 24 36 | 19 76 | 1384 | n/a |
| BeckF00a BeckF00a | J. C. Beck, M. S. Fox | Constraint-directed techniques for scheduling alternative activities | Yes | [96] | 2000 | Artificial Intelligence | 40 | 48 48 60 | 10 44 | 1385 | n/a |
| Beck99 Beck99 | J. C. Beck | Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling | Yes | [85] | 1999 | University of Toronto, Canada | 418 | 0 0 0 | 0 0 | 3150 | n/a |
| BeckF99 BeckF99 | J. C. Beck, M. S. Fox | Scheduling Alternative Activities | Yes | [95] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 487 | n/a |
| BeckDDF98 BeckDDF98 | J. C. Beck, A. J. Davenport, E. D. Davis, M. S. Fox | The ODO project: toward a unified basis for constraint-directed scheduling | Yes | [89] | 1998 | Journal of Scheduling | 37 | 9 8 0 | 0 0 | 1383 | n/a |
| BeckF98 BeckF98 | J. C. Beck, M. S. Fox | A Generic Framework for Constraint-Directed Search and Scheduling | Yes | [94] | 1998 | AI Mag. | 30 | 0 0 0 | 0 0 | 1386 | n/a |
| BeckDF97 BeckDF97 | J. C. Beck, A. J. Davenport, M. S. Fox | Five Pitfalls of Empirical Scheduling Research | Yes | [90] | 1997 | CP 1997 | 15 | 3 3 6 | 12 41 | 484 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |

## D.2 35 Works by Michela Milano

Table 30: Works by Michela Milano (Total 35)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BorghesiBLMB18 BorghesiBLMB18 | A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | Scheduling-based power capping in high performance computing systems | Yes | [157] | 2018 | Sustain. Comput. Informatics Syst. | 13 | 11 12 19 | 22 66 | 1407 | n/a |
| BonfiettiZLM16 BonfiettiZLM16 | A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano | The Multirate Resource Constraint | Yes | [153] | 2016 | CP 2016 | 17 | 0 0 0 | 11 18 | 521 | 944 |
| BridiBLMB16 BridiBLMB16 | T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines | Yes | [166] | 2016 | IEEE Trans. Parallel Distributed Syst. | 14 | 17 18 21 | 22 34 | 1410 | n/a |
| BridiLBBM16 BridiLBBM16 | T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano | DARDIS: Distributed And Randomized DIspatching and Scheduling | Yes | [167] | 2016 | ECAI 2016 | 2 | 0 0 0 | 0 0 | 526 | n/a |
| LombardiBM15 LombardiBM15 | M. Lombardi, A. Bonfietti, M. Milano | Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty | Yes | [549] | 2015 | CP 2015 | 16 | 0 0 0 | 8 15 | 707 | n/a |
| BartoliniBBLM14 BartoliniBBLM14 | A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano | Proactive Workload Dispatching on the EURORA Supercomputer | Yes | [81] | 2014 | CP 2014 | 16 | 12 12 16 | 3 9 | 480 | n/a |
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| BonfiettiLM14 BonfiettiLM14 | A. Bonfietti, M. Lombardi, M. Milano | Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can! | Yes | [151] | 2014 | CPAIOR 2014 | 16 | 3 3 9 | 12 18 | 519 | n/a |
| BonfiettiLM13 BonfiettiLM13 | A. Bonfietti, M. Lombardi, M. Milano | De-Cycling Cyclic Scheduling Problems | Yes | [150] | 2013 | ICAPS 2013 | 5 | 1 1 0 | 0 0 | 518 | n/a |
| LombardiM13 LombardiM13 | M. Lombardi, M. Milano | A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling | Yes | [556] | 2013 | ICAPS 2013 | 2 | 3 0 0 | 13 0 | 711 | n/a |
| LombardiMB13 LombardiMB13 | M. Lombardi, M. Milano, L. Benini | Robust Scheduling of Task Graphs under Execution Time Uncertainty | Yes | [557] | 2013 | IEEE Transactions on Computers | 14 | 28 28 36 | 29 44 | 1531 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| BonfiettiM12 BonfiettiM12 | A. Bonfietti, M. Milano | A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem | Yes | [152] | 2012 | DC SIAAI 2012 | 3 | 0 0 0 | 0 0 | 520 | n/a |
| LombardiM12 LombardiM12 | M. Lombardi, M. Milano | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey | Yes | [555] | 2012 | Constraints An Int. J. | 35 | 39 39 47 | 68 94 | 1529 | 1760 |
| LombardiM12a LombardiM12a | M. Lombardi, M. Milano | A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling | Yes | [554] | 2012 | Artificial Intelligence | 10 | 3 3 15 | 13 21 | 1530 | n/a |
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |
| Milano11 Milano11 | M. Milano | Constraint Programming Links with Math Programming | No | [606] | 2011 | Wiley Encyclopedia of Operations Research and Management Science | null | 0 0 0 | 28 65 | No | n/a |
| LombardiM10 LombardiM10 | M. Lombardi, M. Milano | Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution | Yes | [553] | 2010 | CP 2010 | 15 | 1 1 0 | 11 17 | 710 | n/a |
| LombardiM10a LombardiM10a | M. Lombardi, M. Milano | Allocation and scheduling of Conditional Task Graphs | Yes | [552] | 2010 | Artificial Intelligence | 30 | 8 8 13 | 24 41 | 1528 | n/a |
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |

Table 30: Works by Michela Milano (Total 35)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiM09 LombardiM09 | M. Lombardi, M. Milano | A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations | Yes | [551] | 2009 | CP 2009 | 15 | 7 7 15 | 12 20 | 709 | n/a |
| MilanoW09 MilanoW09 | M. Milano, M. G. Wallace | Integrating Operations Research in Constraint Programming | Yes | [609] | 2009 | Annals of Operations Research | 40 | 34 35 41 | 46 77 | 1553 | n/a |
| RuggieroBBMA09 RuggieroBBMA09 | M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei | Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms | Yes | [748] | 2009 | IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. | 14 | 9 9 7 | 27 37 | 1609 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |
| BeniniBGM06 BeniniBGM06 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs | Yes | [120] | 2006 | CPAIOR 2006 | 15 | 18 19 19 | 10 12 | 500 | n/a |
| MilanoW06 MilanoW06 | M. Milano, M. G. Wallace | Integrating operations research in constraint programming | Yes | [608] | 2006 | 4OR | 45 | 18 18 22 | 46 67 | 1552 | n/a |
| BeniniBGM05 BeniniBGM05 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation | Yes | [118] | 2005 | CP 2005 | 15 | 25 25 41 | 21 29 | 498 | n/a |
| BeniniBGM05a BeniniBGM05a | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via decomposition and no-good generation | Yes | [119] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 499 | n/a |
| MilanoORT02 MilanoORT02 | M. Milano, G. Ottosson, P. Refalo, E. S. Thorsteinsson | The Role of Integer Programming Techniques in Constraint Programming's Global Constraints | No | [607] | 2002 | INFORMS Journal on Computing | 16 | 14 14 0 | 31 60 | No | n/a |
| BosiM2001 BosiM2001 | F. Bosi, M. Milano | Enhancing CLP branch and bound techniques for scheduling problems | Yes | [158] | 2001 | Software: Practice and Experience | 26 | 3 3 0 | 12 41 | 1408 | n/a |
| LammaMM97 LammaMM97 | E. Lamma, P. Mello, M. Milano | A distributed constraint-based scheduler | Yes | [518] | 1997 | Artif. Intell. Eng. | 15 | 11 11 13 | 7 28 | 1522 | n/a |
| BrusoniCLMMT96 BrusoniCLMMT96 | V. Brusoni, L. Console, E. Lamma, P. Mello, M. Milano, P. Terenziani | Resource-Based vs. Task-Based Approaches for Scheduling Problems | Yes | [170] | 1996 | ISMIS 1996 | 10 | 1 1 4 | 9 26 | 527 | n/a |

## D.3 27 Works by Michele Lombardi

Table 31: Works by Michele Lombardi (Total 27)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BorghesiBLMB18 BorghesiBLMB18 | A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | Scheduling-based power capping in high performance computing systems | Yes | [157] | 2018 | Sustain. Comput. Informatics Syst. | 13 | 11 12 19 | 22 66 | 1407 | n/a |
| CauwelaertLS18 CauwelaertLS18 | S. V. Cauwelaert, M. Lombardi, P. Schaus | How efficient is a global constraint in practice? - A fair experimental framework | Yes | [196] | 2018 | Constraints An Int. J. | 36 | 2 1 1 | 39 61 | 1419 | 1739 |
| BonfiettiZLM16 BonfiettiZLM16 | A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano | The Multirate Resource Constraint | Yes | [153] | 2016 | CP 2016 | 17 | 0 0 0 | 11 18 | 521 | 944 |
| BridiBLMB16 BridiBLMB16 | T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines | Yes | [166] | 2016 | IEEE Trans. Parallel Distributed Syst. | 14 | 17 18 21 | 22 34 | 1410 | n/a |
| BridiLBBM16 BridiLBBM16 | T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano | DARDIS: Distributed And Randomized DIspatching and Scheduling | Yes | [167] | 2016 | ECAI 2016 | 2 | 0 0 0 | 0 0 | 526 | n/a |
| CauwelaertLS15 CauwelaertLS15 | S. V. Cauwelaert, M. Lombardi, P. Schaus | Understanding the Potential of Propagators | Yes | [195] | 2015 | CPAIOR 2015 | 10 | 12 11 9 | 0 21 | 538 | 946 |
| LombardiBM15 LombardiBM15 | M. Lombardi, A. Bonfietti, M. Milano | Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty | Yes | [549] | 2015 | CP 2015 | 16 | 0 0 0 | 8 15 | 707 | n/a |
| BartoliniBBLM14 BartoliniBBLM14 | A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano | Proactive Workload Dispatching on the EURORA Supercomputer | Yes | [81] | 2014 | CP 2014 | 16 | 12 12 16 | 3 9 | 480 | n/a |
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| BonfiettiLM14 BonfiettiLM14 | A. Bonfietti, M. Lombardi, M. Milano | Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can! | Yes | [151] | 2014 | CPAIOR 2014 | 16 | 3 3 9 | 12 18 | 519 | n/a |
| BonfiettiLM13 BonfiettiLM13 | A. Bonfietti, M. Lombardi, M. Milano | De-Cycling Cyclic Scheduling Problems | Yes | [150] | 2013 | ICAPS 2013 | 5 | 1 1 0 | 0 0 | 518 | n/a |
| LombardiM13 LombardiM13 | M. Lombardi, M. Milano | A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling | Yes | [556] | 2013 | ICAPS 2013 | 2 | 3 0 0 | 13 0 | 711 | n/a |
| LombardiMB13 LombardiMB13 | M. Lombardi, M. Milano, L. Benini | Robust Scheduling of Task Graphs under Execution Time Uncertainty | Yes | [557] | 2013 | IEEE Transactions on Computers | 14 | 28 28 36 | 29 44 | 1531 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| LombardiM12 LombardiM12 | M. Lombardi, M. Milano | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey | Yes | [555] | 2012 | Constraints An Int. J. | 35 | 39 39 47 | 68 94 | 1529 | 1760 |
| LombardiM12a LombardiM12a | M. Lombardi, M. Milano | A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling | Yes | [554] | 2012 | Artificial Intelligence | 10 | 3 3 15 | 13 21 | 1530 | n/a |
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| LombardiM10 LombardiM10 | M. Lombardi, M. Milano | Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution | Yes | [553] | 2010 | CP 2010 | 15 | 1 1 0 | 11 17 | 710 | n/a |
| LombardiM10a LombardiM10a | M. Lombardi, M. Milano | Allocation and scheduling of Conditional Task Graphs | Yes | [552] | 2010 | Artificial Intelligence | 30 | 8 8 13 | 24 41 | 1528 | n/a |

Table 31: Works by Michele Lombardi (Total 27)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |
| LombardiM09 LombardiM09 | M. Lombardi, M. Milano | A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations | Yes | [551] | 2009 | CP 2009 | 15 | 7 7 15 | 12 20 | 709 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |
| HoeveGSL07 HoeveGSL07 | W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi | Optimal Multi-Agent Scheduling with Constraint Programming | Yes | [859] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 639 | n/a |

## D.4 27 Works by Andreas Schutt

Table 32: Works by Andreas Schutt (Total 27)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YangSS19 YangSS19 | M. Yang, A. Schutt, P. J. Stuckey | Time Table Edge Finding with Energy Variables | Yes | [899] | 2019 | CPAIOR 2019 | 10 | 1 1 1 | 14 18 | 860 | n/a |
| GoldwaserS18 GoldwaserS18 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [351] | 2018 | J. Artif. Intell. Res. | 32 | 8 8 9 | 0 0 | 1458 | 1741 |
| KreterSSZ18 KreterSSZ18 | S. Kreter, A. Schutt, P. J. Stuckey, J. Zimmermann | Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems | Yes | [501] | 2018 | European Journal of Operational Research | 15 | 25 29 26 | 31 54 | 1514 | n/a |
| MusliuSS18 MusliuSS18 | N. Musliu, A. Schutt, P. J. Stuckey | Solver Independent Rotating Workforce Scheduling | Yes | [630] | 2018 | CPAIOR 2018 | 17 | 7 7 10 | 23 28 | 743 | n/a |
| GoldwaserS17 GoldwaserS17 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [350] | 2017 | CP 2017 | 16 | 0 0 2 | 10 14 | 613 | 940 |
| KreterSS17 KreterSS17 | S. Kreter, A. Schutt, P. J. Stuckey | Using constraint programming for solving RCPSP/max-cal | Yes | [500] | 2017 | Constraints An Int. J. | 31 | 15 18 21 | 20 27 | 1513 | 1744 |
| YoungFS17 YoungFS17 | K. D. Young, T. Feydy, A. Schutt | Constraint Programming Applied to the Multi-Skill Project Scheduling Problem | Yes | [903] | 2017 | CP 2017 | 10 | 6 8 13 | 21 28 | 862 | 942 |
| SchuttS16 SchuttS16 | A. Schutt, P. J. Stuckey | Explaining Producer/Consumer Constraints | Yes | [774] | 2016 | CP 2016 | 17 | 3 3 3 | 23 23 | 793 | n/a |
| SzerediS16 SzerediS16 | R. Szeredi, A. Schutt | Modelling and Solving Multi-mode Resource-Constrained Project Scheduling | Yes | [808] | 2016 | CP 2016 | 10 | 9 9 15 | 14 16 | 810 | n/a |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| KreterSS15 KreterSS15 | S. Kreter, A. Schutt, P. J. Stuckey | Modeling and Solving Project Scheduling with Calendars | Yes | [499] | 2015 | CP 2015 | 17 | 7 7 9 | 16 23 | 678 | n/a |
| SchuttFSW15 SchuttFSW15 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | A Satisfiability Solving Approach | No | [773] | 2015 | Handbook on Project Management and Scheduling Vol.1 | 26 | 3 4 6 | 28 41 | No | n/a |
| GuSSWC14 GuSSWC14 | H. Gu, A. Schutt, P. J. Stuckey, M. G. Wallace, G. Chu | Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem | No | [369] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 20 | 5 6 7 | 35 39 | No | n/a |
| ThiruvadyWGS14 ThiruvadyWGS14 | D. R. Thiruvady, M. G. Wallace, H. Gu, A. Schutt | A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows | Yes | [826] | 2014 | J. Heuristics | 34 | 19 20 19 | 18 24 | 1636 | n/a |
| ChuGNSW13 ChuGNSW13 | G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh | On the Complexity of Global Scheduling Constraints under Structural Restrictions | Yes | [204] | 2013 | IJCAI 2013 | 7 | 0 0 0 | 0 0 | 543 | n/a |
| GuSS13 GuSS13 | H. Gu, A. Schutt, P. J. Stuckey | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | Yes | [368] | 2013 | CPAIOR 2013 | 7 | 10 10 14 | 24 25 | 622 | 955 |
| SchuttFS13 SchuttFS13 | A. Schutt, T. Feydy, P. J. Stuckey | Scheduling Optional Tasks with Explanation | Yes | [768] | 2013 | CP 2013 | 17 | 10 10 13 | 20 32 | 790 | n/a |
| SchuttFS13a SchuttFS13a | A. Schutt, T. Feydy, P. J. Stuckey | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | Yes | [767] | 2013 | CPAIOR 2013 | 17 | 20 20 33 | 27 35 | 791 | 958 |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| SchuttCSW12 SchuttCSW12 | A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value for Resource-Constrained Project Scheduling | Yes | [766] | 2012 | CPAIOR 2012 | 17 | 18 19 24 | 21 25 | 789 | n/a |
| Schutt11 Schutt11 | A. Schutt | Improving Scheduling by Learning | Yes | [765] | 2011 | University of Melbourne, Australia | 209 | 0 0 0 | 0 0 | 3172 | n/a |

Table 32: Works by Andreas Schutt (Total 27)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |
| SchuttW10 SchuttW10 | A. Schutt, A. Wolf | A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints | Yes | [775] | 2010 | CP 2010 | 15 | 13 14 16 | 14 19 | 794 | n/a |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |
| SchuttWS05 SchuttWS05 | A. Schutt, A. Wolf, G. Schrader | Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$ | Yes | [776] | 2005 | INAP 2005 | 15 | 6 6 9 | 4 11 | 795 | n/a |

## D.5 25 Works by John N. Hooker

Table 33: Works by John N. Hooker (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ElciOH22 ElciOH22 | Özgün Elçi, J. N. Hooker | Stochastic Planning and Scheduling with Logic-Based Benders Decomposition | Yes | [268] | 2022 | INFORMS Journal on Computing | 15 | 2 4 6 | 34 36 | 1435 | n/a |
| HechingHK19 HechingHK19 | A. Heching, J. N. Hooker, R. Kimura | A Logic-Based Benders Approach to Home Healthcare Delivery | No | [399] | 2019 | Transportation Science | 13 | 35 42 37 | 29 32 | No | n/a |
| Hooker19 Hooker19 | J. N. Hooker | Logic-Based Benders Decomposition for Large-Scale Optimization | Yes | [432] | 2019 | Large Scale Optimization in Supply Chains and Smart Manufacturing | 26 | 8 10 17 | 0 130 | 3202 | n/a |
| Hooker17 Hooker17 | J. N. Hooker | Job Sequencing Bounds from Decision Diagrams | Yes | [431] | 2017 | CP 2017 | 14 | 6 6 11 | 24 27 | 643 | n/a |
| HookerH17 HookerH17 | J. N. Hooker, W.-J. van Hoeve | Constraint programming and operations research | Yes | [436] | 2017 | Constraints An Int. J. | 24 | 12 13 10 | 189 255 | 1490 | n/a |
| CireCH16 CireCH16 | A. A. Ciré, E. Coban, J. N. Hooker | Logic-based Benders decomposition for planning and scheduling: a computational analysis | Yes | [210] | 2016 | The Knowledge Engineering Review | 12 | 15 17 13 | 21 30 | 1421 | n/a |
| HechingH16 HechingH16 | A. R. Heching, J. N. Hooker | Scheduling Home Hospice Care with Logic-Based Benders Decomposition | Yes | [400] | 2016 | CPAIOR 2016 | 11 | 10 11 18 | 0 0 | 630 | n/a |
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| CireCH13 CireCH13 | A. A. Ciré, E. Coban, J. N. Hooker | Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling | Yes | [209] | 2013 | CPAIOR 2013 | 7 | 3 3 13 | 23 28 | 547 | 954 |
| CobanH11 CobanH11 | E. Coban, J. N. Hooker | Single-facility scheduling by logic-based Benders decomposition | Yes | [215] | 2011 | Annals of Operations Research | 28 | 14 15 17 | 37 44 | 1423 | n/a |
| CobanH10 CobanH10 | E. Coban, J. N. Hooker | Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition | Yes | [214] | 2010 | CPAIOR 2010 | 5 | 9 9 10 | 9 11 | 549 | n/a |
| Hooker10 Hooker10 | J. N. Hooker | Hybrid Modeling | No | [430] | 2010 | Hybrid Optimization | 52 | 9 9 12 | 39 65 | No | n/a |
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| Hooker06a Hooker06a | J. N. Hooker | Operations Research Methods in Constraint Programming | No | [428] | 2006 | Foundations of Artificial Intelligence | 44 | 11 11 13 | 44 133 | No | n/a |
| Hooker05 Hooker05 | J. N. Hooker | A Hybrid Method for the Planning and Scheduling | Yes | [424] | 2005 | Constraints An Int. J. | 17 | 68 69 87 | 11 18 | 1487 | 1769 |
| Hooker05a Hooker05a | J. N. Hooker | Planning and Scheduling to Minimize Tardiness | Yes | [425] | 2005 | CP 2005 | 14 | 30 31 35 | 10 12 | 641 | n/a |
| Hooker05b Hooker05b | J. N. Hooker | A Search-Infer-and-Relax Framework for Integrating Solution Methods | Yes | [426] | 2005 | CPAIOR 2005 | 15 | 7 6 12 | 19 26 | 642 | n/a |
| Hooker04 Hooker04 | J. N. Hooker | A Hybrid Method for Planning and Scheduling | Yes | [423] | 2004 | CP 2004 | 12 | 39 40 46 | 9 10 | 640 | n/a |
| HookerO03 HookerO03 | J. N. Hooker, G. Ottosson | Logic-based Benders decomposition | Yes | [434] | 2003 | Mathematical Programming | 28 | 317 333 371 | 0 0 | 1491 | n/a |
| Hooker02 Hooker02 | J. N. Hooker | Logic, Optimization, and Constraint Programming | No | [422] | 2002 | INFORMS Journal on Computing | 27 | 94 93 0 | 84 149 | No | n/a |
| HookerY02 HookerY02 | J. N. Hooker, H. Yan | A Relaxation of the Cumulative Constraint | Yes | [437] | 2002 | CP 2002 | 5 | 8 7 13 | 7 19 | 644 | n/a |
| Hooker00 Hooker00 | J. N. Hooker | Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction | No | [421] | 2000 | Book | null | 185 186 0 | 0 0 | No | n/a |
| HookerOTK00 HookerOTK00 | J. N. Hooker, G. Ottosson, E. S. Thorsteinsson, H.-J. Kim | A scheme for unifying optimization and constraint satisfaction methods | Yes | [435] | 2000 | The Knowledge Engineering Review | 20 | 30 30 44 | 0 0 | 1493 | n/a |

Table 33: Works by John N. Hooker (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HookerO99 HookerO99 | J. N. Hooker, M. Osorio | Mixed logical-linear programming | Yes | [433] | 1999 | Discrete Applied Mathematics | 48 | 92 95 111 | 48 75 | 1492 | n/a |

## D.6 25 Works by Peter J. Stuckey

Table 34: Works by Peter J. Stuckey (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GokGSTO20 GokGSTO20 | Y. S. Gök, D. Guimarans, P. J. Stuckey, M. Tomasella, C. Öztürk | Robust Resource Planning for Aircraft Ground Operations | Yes | [347] | 2020 | CPAIOR 2020 | 17 | 2 3 8 | 14 23 | 612 | n/a |
| YangSS19 YangSS19 | M. Yang, A. Schutt, P. J. Stuckey | Time Table Edge Finding with Energy Variables | Yes | [899] | 2019 | CPAIOR 2019 | 10 | 1 1 1 | 14 18 | 860 | n/a |
| DemirovicS18 DemirovicS18 | E. Demirovic, P. J. Stuckey | Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts | Yes | [243] | 2018 | CPAIOR 2018 | 18 | 4 4 8 | 16 34 | 559 | n/a |
| KreterSSZ18 KreterSSZ18 | S. Kreter, A. Schutt, P. J. Stuckey, J. Zimmermann | Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems | Yes | [501] | 2018 | European Journal of Operational Research | 15 | 25 29 26 | 31 54 | 1514 | n/a |
| MusliuSS18 MusliuSS18 | N. Musliu, A. Schutt, P. J. Stuckey | Solver Independent Rotating Workforce Scheduling | Yes | [630] | 2018 | CPAIOR 2018 | 17 | 7 7 10 | 23 28 | 743 | n/a |
| KreterSS17 KreterSS17 | S. Kreter, A. Schutt, P. J. Stuckey | Using constraint programming for solving RCPSP/max-cal | Yes | [500] | 2017 | Constraints An Int. J. | 31 | 15 18 21 | 20 27 | 1513 | 1744 |
| BlomPS16 BlomPS16 | M. L. Blom, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods | Yes | [136] | 2016 | Manag. Sci. | 26 | 20 23 25 | 36 46 | 1401 | n/a |
| SchuttS16 SchuttS16 | A. Schutt, P. J. Stuckey | Explaining Producer/Consumer Constraints | Yes | [774] | 2016 | CP 2016 | 17 | 3 3 3 | 23 23 | 793 | n/a |
| BurtLPS15 BurtLPS15 | C. N. Burt, N. Lipovetzky, A. R. Pearce, P. J. Stuckey | Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study | Yes | [172] | 2015 | CPAIOR 2015 | 17 | 0 0 3 | 8 16 | 528 | n/a |
| KreterSS15 KreterSS15 | S. Kreter, A. Schutt, P. J. Stuckey | Modeling and Solving Project Scheduling with Calendars | Yes | [499] | 2015 | CP 2015 | 17 | 7 7 9 | 16 23 | 678 | n/a |
| SchuttFSW15 SchuttFSW15 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | A Satisfiability Solving Approach | No | [773] | 2015 | Handbook on Project Management and Scheduling Vol.1 | 26 | 3 4 6 | 28 41 | No | n/a |
| BlomBPS14 BlomBPS14 | M. L. Blom, C. N. Burt, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines | Yes | [135] | 2014 | INFORMS Journal on Computing | 19 | 15 15 16 | 47 55 | 1400 | n/a |
| GuSSWC14 GuSSWC14 | H. Gu, A. Schutt, P. J. Stuckey, M. G. Wallace, G. Chu | Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem | No | [369] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 20 | 5 6 7 | 35 39 | No | n/a |
| LipovetzkyBPS14 LipovetzkyBPS14 | N. Lipovetzky, C. N. Burt, A. R. Pearce, P. J. Stuckey | Planning for Mining Operations with Time and Resource Constraints | Yes | [540] | 2014 | ICAPS 2014 | 9 | 5 5 0 | 0 0 | 701 | n/a |
| GuSS13 GuSS13 | H. Gu, A. Schutt, P. J. Stuckey | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | Yes | [368] | 2013 | CPAIOR 2013 | 7 | 10 10 14 | 24 25 | 622 | 955 |
| SchuttFS13 SchuttFS13 | A. Schutt, T. Feydy, P. J. Stuckey | Scheduling Optional Tasks with Explanation | Yes | [768] | 2013 | CP 2013 | 17 | 10 10 13 | 20 32 | 790 | n/a |
| SchuttFS13a SchuttFS13a | A. Schutt, T. Feydy, P. J. Stuckey | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | Yes | [767] | 2013 | CPAIOR 2013 | 17 | 20 20 33 | 27 35 | 791 | 958 |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| GuSW12 GuSW12 | H. Gu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value of Large Resource-Constrained Projects | Yes | [370] | 2012 | CP 2012 | 15 | 5 5 5 | 20 25 | 623 | n/a |
| SchuttCSW12 SchuttCSW12 | A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value for Resource-Constrained Project Scheduling | Yes | [766] | 2012 | CPAIOR 2012 | 17 | 18 19 24 | 21 25 | 789 | n/a |

Table 34: Works by Peter J. Stuckey (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BandaSC11 BandaSC11 | Maria Garcia de la Banda, P. J. Stuckey, G. Chu | Solving Talent Scheduling with Dynamic Programming | Yes | [236] | 2011 | INFORMS Journal on Computing | 18 | 24 25 28 | 17 18 | 1374 | n/a |
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| OhrimenkoSC09 OhrimenkoSC09 | O. Ohrimenko, P. J. Stuckey, M. Codish | Propagation via lazy clause generation | Yes | [666] | 2009 | Constraints An Int. J. | 35 | 127 128 198 | 15 35 | 1578 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |

## D.7 22 Works by Mark G. Wallace

Table 35: Works by Mark G. Wallace (Total 22)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WallaceY20 WallaceY20 | M. G. Wallace, N. Yorke-Smith | A new constraint programming model and solving for the cyclic hoist scheduling problem | Yes | [877] | 2020 | Constraints An Int. J. | 19 | 5 6 5 | 18 23 | 1650 | 1732 |
| He0GLW18 He0GLW18 | S. He, M. G. Wallace, G. Gange, A. Liebman, C. Wilson | A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing | Yes | [395] | 2018 | CP 2018 | 18 | 6 6 10 | 26 35 | 627 | 938 |
| SchuttFSW15 SchuttFSW15 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | A Satisfiability Solving Approach | No | [773] | 2015 | Handbook on Project Management and Scheduling Vol.1 | 26 | 3 4 6 | 28 41 | No | n/a |
| GuSSWC14 GuSSWC14 | H. Gu, A. Schutt, P. J. Stuckey, M. G. Wallace, G. Chu | Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem | No | [369] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 20 | 5 6 7 | 35 39 | No | n/a |
| ThiruvadyWGS14 ThiruvadyWGS14 | D. R. Thiruvady, M. G. Wallace, H. Gu, A. Schutt | A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows | Yes | [826] | 2014 | J. Heuristics | 34 | 19 20 19 | 18 24 | 1636 | n/a |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| GuSW12 GuSW12 | H. Gu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value of Large Resource-Constrained Projects | Yes | [370] | 2012 | CP 2012 | 15 | 5 5 5 | 20 25 | 623 | n/a |
| SchuttCSW12 SchuttCSW12 | A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value for Resource-Constrained Project Scheduling | Yes | [766] | 2012 | CPAIOR 2012 | 17 | 18 19 24 | 21 25 | 789 | n/a |
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| MilanoW09 MilanoW09 | M. Milano, M. G. Wallace | Integrating Operations Research in Constraint Programming | Yes | [609] | 2009 | Annals of Operations Research | 40 | 34 35 41 | 46 77 | 1553 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |
| MilanoW06 MilanoW06 | M. Milano, M. G. Wallace | Integrating operations research in constraint programming | Yes | [608] | 2006 | 4OR | 45 | 18 18 22 | 46 67 | 1552 | n/a |
| Wallace06 Wallace06 | M. G. Wallace | Hybrid Algorithms in Constraint Programming | Yes | [876] | 2006 | CSCLP 2006 | 32 | 1 1 3 | 35 63 | 845 | n/a |
| AjiliW04 AjiliW04 | F. Ajili, M. G. Wallace | Hybrid Problem Solving in ECLiPSe | No | [18] | 2004 | Constraint and Integer Programming | 38 | 4 4 0 | 24 42 | No | n/a |
| EreminW01 EreminW01 | A. Eremin, M. G. Wallace | Hybrid Benders Decomposition Algorithms in Constraint Logic Programming | Yes | [276] | 2001 | CP 2001 | 15 | 27 27 30 | 7 13 | 575 | n/a |
| SakkoutW00 SakkoutW00 | H. E. Sakkout, M. G. Wallace | Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling | Yes | [756] | 2000 | Constraints An Int. J. | 30 | 73 0 105 | 0 0 | 1613 | 1773 |
| RodosekWH99 RodosekWH99 | R. Rodosek, M. G. Wallace, M. Hajian | A new approach to integrating mixed integer programming and constraint logic programming | Yes | [736] | 1999 | Annals of Operations Research | 25 | 53 0 67 | 0 0 | 1602 | n/a |
| RodosekW98 RodosekW98 | R. Rodosek, M. G. Wallace | A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems | Yes | [735] | 1998 | CP 1998 | 15 | 19 20 32 | 10 23 | 781 | n/a |
| SakkoutRW98 SakkoutRW98 | H. E. Sakkout, T. Richards, M. G. Wallace | Minimal Perturbance in Dynamic Scheduling | No | [755] | 1998 | ECAI 1998 | 5 | 0 0 0 | 0 0 | No | n/a |
| Wallace96 Wallace96 | M. G. Wallace | Practical Applications of Constraint Programming | Yes | [875] | 1996 | Constraints An Int. J. | 30 | 87 89 138 | 55 143 | 1649 | 1780 |
| Wallace94 Wallace94 | M. G. Wallace | Applying Constraints for Scheduling | No | [874] | 1994 | Constraint Programming 1994 | 19 | 0 0 0 | 0 0 | No | n/a |

## D.8 21 Works by Pierre Lopez

Table 36: Works by Pierre Lopez (Total 21)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JuvinHHL23 JuvinHHL23 | C. Juvin, E. Hebrard, L. Houssin, P. Lopez | An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling | Yes | [456] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 654 | 879 |
| JuvinHL23 JuvinHL23 | C. Juvin, L. Houssin, P. Lopez | Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty | Yes | [458] | 2023 | CPAIOR 2023 | 16 | 0 1 0 | 11 12 | 655 | 880 |
| JuvinHL23a JuvinHL23a | C. Juvin, L. Houssin, P. Lopez | Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem | Yes | [459] | 2023 | Computers Operations Research | 17 | 0 3 4 | 40 53 | 1502 | n/a |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| JuvinHL22 JuvinHL22 | C. Juvin, L. Houssin, P. Lopez | Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem | Yes | [457] | 2022 | SSRN Electronic Journal | 32 | 0 0 0 | 29 40 | 1501 | n/a |
| Polo-MejiaALB20 Polo-MejiaALB20 | O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini | Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility | Yes | [704] | 2020 | International Journal of Production Research | 18 | 8 10 11 | 23 36 | 1593 | 1730 |
| NattafHKAL19 NattafHKAL19 | M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez | Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem | Yes | [644] | 2019 | Discrete Applied Mathematics | 16 | 5 6 5 | 12 17 | 1569 | n/a |
| NattafAL17 NattafAL17 | M. Nattaf, C. Artigues, P. Lopez | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | Yes | [641] | 2017 | Constraints An Int. J. | 18 | 5 5 7 | 10 16 | 1566 | 1745 |
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |
| SimoninAHL15 SimoninAHL15 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling scientific experiments for comet exploration | Yes | [787] | 2015 | Constraints An Int. J. | 23 | 4 4 6 | 5 8 | 1624 | 1752 |
| ArtiguesL14 ArtiguesL14 | C. Artigues, P. Lopez | Energetic reasoning for energy-constrained scheduling with a continuous resource | Yes | [46] | 2014 | Journal of Scheduling | 17 | 11 13 14 | 19 26 | 1366 | n/a |
| ArtiguesLH13 ArtiguesLH13 | C. Artigues, P. Lopez, A. Haït | The energy scheduling problem: Industrial case-study and constraint propagation techniques | Yes | [47] | 2013 | International Journal of Production Economics | 11 | 76 82 83 | 16 25 | 1367 | n/a |
| BillautHL12 BillautHL12 | J.-C. Billaut, E. Hebrard, P. Lopez | Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem | Yes | [131] | 2012 | CPAIOR 2012 | 15 | 1 0 2 | 19 28 | 508 | n/a |
| SimoninAHL12 SimoninAHL12 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling Scientific Experiments on the Rosetta/Philae Mission | Yes | [786] | 2012 | CP 2012 | 15 | 3 3 4 | 8 10 | 799 | 959 |
| LahimerLH11 LahimerLH11 | A. Lahimer, P. Lopez, M. Haouari | Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks | Yes | [516] | 2011 | CPAIOR 2011 | 14 | 3 3 5 | 15 23 | 687 | n/a |
| TrojetHL11 TrojetHL11 | M. Trojet, F. H'Mida, P. Lopez | Project scheduling under resource constraints: Application of the cumulative global constraint in a decision support framework | Yes | [847] | 2011 | Computers Industrial Engineering | 7 | 11 13 12 | 17 32 | 1643 | n/a |
| BriandHHL08 BriandHHL08 | C. Briand, M.-J. Huguet, H. T. La, P. Lopez | Constraint-based Approaches for Robust Scheduling | No | [165] | 2008 | Flexibility and Robustness in Scheduling | 28 | 1 1 1 | 22 51 | No | n/a |

Table 36: Works by Pierre Lopez (Total 21)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EsquirolLH2008 EsquirolLH2008 | P. Esquirol, P. Lopez, M.-J. Huguet | Constraint Propagation and Scheduling | No | [281] | 2008 | Production Scheduling | 36 | 0 0 0 | 28 60 | No | n/a |
| LopezAKYG00 LopezAKYG00 | P. Lopez, H. Alla, O. Korbaa, P. Yim, J.-C. Gentina | Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina | Yes | [560] | 2000 | Eur. J. Control | 4 | 0 0 0 | 0 1 | 1534 | n/a |
| TorresL00 TorresL00 | P. Torres, P. Lopez | On Not-First/Not-Last conditions in disjunctive scheduling | Yes | [833] | 2000 | European Journal of Operational Research | 12 | 26 26 26 | 13 27 | 1639 | n/a |

## D.9 19 Works by Christian Artigues

Table 37: Works by Christian Artigues (Total 19)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PovedaAA23 PovedaAA23 | G. Povéda, N. Álvarez, C. Artigues | Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars | Yes | [707] | 2023 | CP 2023 | 21 | 0 0 0 | 0 0 | 768 | 885 |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| PohlAK22 PohlAK22 | M. Pohl, C. Artigues, R. Kolisch | Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach | Yes | [702] | 2022 | European Journal of Operational Research | 16 | 4 4 4 | 31 44 | 1592 | n/a |
| ArtiguesHQT21 ArtiguesHQT21 | C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint | Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms | Yes | [45] | 2021 | ICORES 2021 | 8 | 0 0 0 | 0 0 | 464 | n/a |
| Polo-MejiaALB20 Polo-MejiaALB20 | O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini | Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility | Yes | [704] | 2020 | International Journal of Production Research | 18 | 8 10 11 | 23 36 | 1593 | 1730 |
| NattafHKAL19 NattafHKAL19 | M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez | Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem | Yes | [644] | 2019 | Discrete Applied Mathematics | 16 | 5 6 5 | 12 17 | 1569 | n/a |
| NattafAL17 NattafAL17 | M. Nattaf, C. Artigues, P. Lopez | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | Yes | [641] | 2017 | Constraints An Int. J. | 18 | 5 5 7 | 10 16 | 1566 | 1745 |
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |
| SialaAH15 SialaAH15 | M. Siala, C. Artigues, E. Hebrard | Two Clause Learning Approaches for Disjunctive Scheduling | Yes | [785] | 2015 | CP 2015 | 10 | 4 4 4 | 17 27 | 798 | 951 |
| SimoninAHL15 SimoninAHL15 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling scientific experiments for comet exploration | Yes | [787] | 2015 | Constraints An Int. J. | 23 | 4 4 6 | 5 8 | 1624 | 1752 |
| ArtiguesL14 ArtiguesL14 | C. Artigues, P. Lopez | Energetic reasoning for energy-constrained scheduling with a continuous resource | Yes | [46] | 2014 | Journal of Scheduling | 17 | 11 13 14 | 19 26 | 1366 | n/a |
| ArtiguesLH13 ArtiguesLH13 | C. Artigues, P. Lopez, A. Haït | The energy scheduling problem: Industrial case-study and constraint propagation techniques | Yes | [47] | 2013 | International Journal of Production Economics | 11 | 76 82 83 | 16 25 | 1367 | n/a |
| SimoninAHL12 SimoninAHL12 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling Scientific Experiments on the Rosetta/Philae Mission | Yes | [786] | 2012 | CP 2012 | 15 | 3 3 4 | 8 10 | 799 | 959 |
| ArtiguesF07 ArtiguesF07 | C. Artigues, D. Feillet | A branch and bound method for the job-shop problem with sequence-dependent setup times | Yes | [44] | 2007 | Annals of Operations Research | 25 | 49 49 66 | 32 46 | 1365 | n/a |
| NeronABCDD06 NeronABCDD06 | E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie | Lower Bounds for Resource Constrained Project Scheduling Problem | No | [660] | 2006 | Perspectives in Modern Project Scheduling | 38 | 3 3 0 | 34 49 | No | n/a |
| DemasseyAM05 DemasseyAM05 | S. Demassey, C. Artigues, P. Michelon | Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem | Yes | [242] | 2005 | INFORMS Journal on Computing | 14 | 43 43 51 | 25 30 | 1430 | n/a |
| ArtiguesBF04 ArtiguesBF04 | C. Artigues, S. Belmokhtar, D. Feillet | A New Exact Solution Algorithm for the Job Shop Problem with Sequence-Dependent Setup Times | Yes | [42] | 2004 | CPAIOR 2004 | 13 | 16 17 17 | 9 16 | 463 | n/a |

Table 37: Works by Christian Artigues (Total 19)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ArtiguesR00 ArtiguesR00 | C. Artigues, F. Roubellat | A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes | Yes | [48] | 2000 | European Journal of Operational Research | 20 | 84 85 86 | 3 8 | 1368 | n/a |

## D.10 17 Works by Emmanuel Hebrard

Table 38: Works by Emmanuel Hebrard (Total 17)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JuvinHHL23 JuvinHHL23 | C. Juvin, E. Hebrard, L. Houssin, P. Lopez | An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling | Yes | [456] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 654 | 879 |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| AntuoriHHEN21 AntuoriHHEN21 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem | Yes | [32] | 2021 | CP 2021 | 16 | 0 0 1 | 0 0 | 458 | 906 |
| ArtiguesHQT21 ArtiguesHQT21 | C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint | Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms | Yes | [45] | 2021 | ICORES 2021 | 8 | 0 0 0 | 0 0 | 464 | n/a |
| AntuoriHHEN20 AntuoriHHEN20 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing | Yes | [31] | 2020 | CP 2020 | 16 | 3 3 6 | 8 16 | 457 | 917 |
| GodetLHS20 GodetLHS20 | A. Godet, X. Lorca, E. Hebrard, G. Simonin | Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources | Yes | [345] | 2020 | AAAI 2020 | 8 | 1 1 0 | 0 0 | 611 | 919 |
| HebrardHJMPV16 HebrardHJMPV16 | E. Hebrard, M.-J. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie | Approximation of the parallel machine scheduling problem with additional unit resources | Yes | [397] | 2016 | Discrete Applied Mathematics | 10 | 9 10 12 | 8 8 | 1480 | n/a |
| GrimesH15 GrimesH15 | D. Grimes, E. Hebrard | Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search | Yes | [360] | 2015 | INFORMS Journal on Computing | 17 | 12 13 16 | 41 66 | 1461 | n/a |
| SialaAH15 SialaAH15 | M. Siala, C. Artigues, E. Hebrard | Two Clause Learning Approaches for Disjunctive Scheduling | Yes | [785] | 2015 | CP 2015 | 10 | 4 4 4 | 17 27 | 798 | 951 |
| SimoninAHL15 SimoninAHL15 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling scientific experiments for comet exploration | Yes | [787] | 2015 | Constraints An Int. J. | 23 | 4 4 6 | 5 8 | 1624 | 1752 |
| BessiereHMQW14 BessiereHMQW14 | C. Bessiere, E. Hebrard, M.-A. Ménard, C.-G. Quimper, T. Walsh | Buffered Resource Constraint: Algorithms and Complexity | Yes | [127] | 2014 | CPAIOR 2014 | 16 | 1 1 1 | 3 7 | 505 | n/a |
| BillautHL12 BillautHL12 | J.-C. Billaut, E. Hebrard, P. Lopez | Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem | Yes | [131] | 2012 | CPAIOR 2012 | 15 | 1 0 2 | 19 28 | 508 | n/a |
| SimoninAHL12 SimoninAHL12 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling Scientific Experiments on the Rosetta/Philae Mission | Yes | [786] | 2012 | CP 2012 | 15 | 3 3 4 | 8 10 | 799 | 959 |
| GrimesH11 GrimesH11 | D. Grimes, E. Hebrard | Models and Strategies for Variants of the Job Shop Scheduling Problem | Yes | [359] | 2011 | CP 2011 | 17 | 5 5 11 | 18 27 | 617 | n/a |
| GrimesH10 GrimesH10 | D. Grimes, E. Hebrard | Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach | Yes | [358] | 2010 | CPAIOR 2010 | 15 | 13 13 20 | 20 29 | 616 | n/a |
| GrimesHM09 GrimesHM09 | D. Grimes, E. Hebrard, A. Malapert | Closing the Open Shop: Contradicting Conventional Wisdom | Yes | [361] | 2009 | CP 2009 | 9 | 15 15 18 | 12 23 | 618 | n/a |
| HebrardTW05 HebrardTW05 | E. Hebrard, P. Tyler, T. Walsh | Computing Super-Schedules | Yes | [398] | 2005 | CP 2005 | 1 | 0 0 1 | 3 5 | 629 | n/a |

## D.11 17 Works by Helmut Simonis

Table 39: Works by Helmut Simonis (Total 17)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ArmstrongGOS22 ArmstrongGOS22 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times | Yes | [39] | 2022 | CPAIOR 2022 | 13 | 0 0 0 | 14 15 | 461 | 891 |
| ArmstrongGOS21 ArmstrongGOS21 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | The Hybrid Flexible Flowshop with Transportation Times | Yes | [38] | 2021 | CP 2021 | 18 | 1 0 1 | 0 0 | 460 | 907 |
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| HurleyOS16 HurleyOS16 | B. Hurley, B. O'Sullivan, H. Simonis | ICON Loop Energy Show Case | Yes | [442] | 2016 | Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach | 14 | 0 0 0 | 16 20 | 3203 | n/a |
| KinsellaS0OS16 KinsellaS0OS16 | A. Kinsella, A. F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis | Optimizing Energy Costs in a Zinc and Lead Mine | Yes | [477] | 2016 | AAAI 2016 | 6 | 1 2 0 | 0 0 | 665 | n/a |
| GrimesIOS14 GrimesIOS14 | D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis | Analyzing the impact of electricity price forecasting on energy cost-aware scheduling | Yes | [362] | 2014 | Sustain. Comput. Informatics Syst. | 16 | 6 6 19 | 7 28 | 1462 | n/a |
| IfrimOS12 IfrimOS12 | G. Ifrim, B. O'Sullivan, H. Simonis | Properties of Energy-Price Forecasts for Scheduling | Yes | [443] | 2012 | CP 2012 | 16 | 6 5 13 | 20 29 | 647 | n/a |
| SimonisH11 SimonisH11 | H. Simonis, T. Hadzic | A Resource Cost Aware Cumulative | Yes | [794] | 2011 | CSCLP 2011 | 14 | 3 3 7 | 9 10 | 804 | n/a |
| Simonis07 Simonis07 | H. Simonis | Models for Global Constraint Applications | Yes | [791] | 2007 | Constraints An Int. J. | 30 | 10 11 19 | 17 74 | 1625 | 1767 |
| SimonisCK00 SimonisCK00 | H. Simonis, P. Charlier, P. Kay | Constraint Handling in an Integrated Transportation Problem | Yes | [792] | 2000 | IEEE Intell. Syst. | 7 | 11 11 6 | 5 14 | 1626 | n/a |
| Simonis99 Simonis99 | H. Simonis | Building Industrial Applications with Constraint Programming | Yes | [790] | 1999 | CCL'99 1999 | 39 | 5 5 0 | 18 63 | 802 | n/a |
| Simonis95 Simonis95 | H. Simonis | The CHIP System and Its Applications | Yes | [789] | 1995 | CP 1995 | 4 | 7 7 13 | 3 7 | 800 | n/a |
| Simonis95a Simonis95a | H. Simonis | Application Development with the CHIP System | Yes | [788] | 1995 | CONTESSA 1995 | 21 | 1 1 0 | 12 30 | 801 | n/a |
| SimonisC95 SimonisC95 | H. Simonis, T. Cornelissens | Modelling Producer/Consumer Constraints | Yes | [793] | 1995 | CP 1995 | 14 | 17 16 21 | 8 23 | 803 | n/a |
| DincbasS91 DincbasS91 | M. Dincbas, H. Simonis | Apache-a constraint based, automated stand allocation system | Yes | [251] | 1991 | ASTAIR 1991 | 13 | 0 0 0 | 0 0 | 564 | n/a |
| DincbasSH90 DincbasSH90 | M. Dincbas, H. Simonis, P. V. Hentenryck | Solving Large Combinatorial Problems in Logic Programming | Yes | [252] | 1990 | The Journal of Logic Programming | 19 | 86 85 99 | 9 28 | 1431 | n/a |

## D.12 16 Works by Luca Benini

Table 40: Works by Luca Benini (Total 16)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BorghesiBLMB18 BorghesiBLMB18 | A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | Scheduling-based power capping in high performance computing systems | Yes | [157] | 2018 | Sustain. Comput. Informatics Syst. | 13 | 11 12 19 | 22 66 | 1407 | n/a |
| BridiBLMB16 BridiBLMB16 | T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines | Yes | [166] | 2016 | IEEE Trans. Parallel Distributed Syst. | 14 | 17 18 21 | 22 34 | 1410 | n/a |
| BridiLBBM16 BridiLBBM16 | T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano | DARDIS: Distributed And Randomized DIspatching and Scheduling | Yes | [167] | 2016 | ECAI 2016 | 2 | 0 0 0 | 0 0 | 526 | n/a |
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| LombardiMB13 LombardiMB13 | M. Lombardi, M. Milano, L. Benini | Robust Scheduling of Task Graphs under Execution Time Uncertainty | Yes | [557] | 2013 | IEEE Transactions on Computers | 14 | 28 28 36 | 29 44 | 1531 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |
| RuggieroBBMA09 RuggieroBBMA09 | M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei | Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms | Yes | [748] | 2009 | IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. | 14 | 9 9 7 | 27 37 | 1609 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |
| BeniniBGM06 BeniniBGM06 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs | Yes | [120] | 2006 | CPAIOR 2006 | 15 | 18 19 19 | 10 12 | 500 | n/a |
| BeniniBGM05 BeniniBGM05 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation | Yes | [118] | 2005 | CP 2005 | 15 | 25 25 41 | 21 29 | 498 | n/a |
| BeniniBGM05a BeniniBGM05a | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via decomposition and no-good generation | Yes | [119] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 499 | n/a |

## D.13 16 Works by Pierre Schaus

Table 41: Works by Pierre Schaus (Total 16)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CauwelaertDS20 CauwelaertDS20 | S. V. Cauwelaert, C. Dejemeppe, P. Schaus | An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities | Yes | [197] | 2020 | Journal of Scheduling | 19 | 2 2 2 | 21 36 | 1418 | 1723 |
| ThomasKS20 ThomasKS20 | C. Thomas, R. Kameugne, P. Schaus | Insertion Sequence Variables for Hybrid Routing and Scheduling Problems | Yes | [827] | 2020 | CPAIOR 2020 | 18 | 0 0 2 | 16 28 | 821 | 925 |
| HoundjiSW19 HoundjiSW19 | V. R. Houndji, P. Schaus, L. A. Wolsey | The item dependent stockingcost constraint | Yes | [438] | 2019 | Constraints An Int. J. | 27 | 0 0 0 | 17 28 | 1494 | 1734 |
| CappartTSR18 CappartTSR18 | Q. Cappart, C. Thomas, P. Schaus, L.-M. Rousseau | A Constraint Programming Approach for Solving Patient Transportation Problems | Yes | [180] | 2018 | CP 2018 | 17 | 6 6 11 | 31 37 | 532 | 937 |
| CauwelaertLS18 CauwelaertLS18 | S. V. Cauwelaert, M. Lombardi, P. Schaus | How efficient is a global constraint in practice? - A fair experimental framework | Yes | [196] | 2018 | Constraints An Int. J. | 36 | 2 1 1 | 39 61 | 1419 | 1739 |
| CappartS17 CappartS17 | Q. Cappart, P. Schaus | Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables | Yes | [179] | 2017 | CPAIOR 2017 | 16 | 2 2 3 | 28 34 | 531 | 939 |
| CauwelaertDMS16 CauwelaertDMS16 | S. V. Cauwelaert, C. Dejemeppe, J.-N. Monette, P. Schaus | Efficient Filtering for the Unary Resource with Family-Based Transition Times | Yes | [194] | 2016 | CP 2016 | 16 | 1 1 2 | 12 20 | 537 | 945 |
| CauwelaertLS15 CauwelaertLS15 | S. V. Cauwelaert, M. Lombardi, P. Schaus | Understanding the Potential of Propagators | Yes | [195] | 2015 | CPAIOR 2015 | 10 | 12 11 9 | 0 21 | 538 | 946 |
| DejemeppeCS15 DejemeppeCS15 | C. Dejemeppe, S. V. Cauwelaert, P. Schaus | The Unary Resource with Transition Times | Yes | [239] | 2015 | CP 2015 | 16 | 5 5 8 | 11 21 | 557 | 947 |
| GayHLS15 GayHLS15 | S. Gay, R. Hartert, C. Lecoutre, P. Schaus | Conflict Ordering Search for Scheduling Problems | Yes | [322] | 2015 | CP 2015 | 9 | 20 20 31 | 15 19 | 596 | 948 |
| GayHS15 GayHS15 | S. Gay, R. Hartert, P. Schaus | Simple and Scalable Time-Table Filtering for the Cumulative Constraint | Yes | [323] | 2015 | CP 2015 | 9 | 10 10 17 | 9 15 | 597 | 949 |
| GayHS15a GayHS15a | S. Gay, R. Hartert, P. Schaus | Time-Table Disjunctive Reasoning for the Cumulative Constraint | Yes | [324] | 2015 | CPAIOR 2015 | 16 | 5 5 6 | 12 16 | 598 | 950 |
| GaySS14 GaySS14 | S. Gay, P. Schaus, V. D. Smedt | Continuous Casting Scheduling with Constraint Programming | Yes | [325] | 2014 | CP 2014 | 15 | 7 9 11 | 11 19 | 599 | n/a |
| HoundjiSWD14 HoundjiSWD14 | V. R. Houndji, P. Schaus, L. A. Wolsey, Y. Deville | The StockingCost Constraint | Yes | [439] | 2014 | CP 2014 | 16 | 5 5 8 | 7 13 | 645 | 953 |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |

## D.14 15 Works by Nicolas Beldiceanu

Table 42: Works by Nicolas Beldiceanu (Total 15)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Madi-WambaLOBM17 Madi-WambaLOBM17 | G. Madi-Wamba, Y. Li, A.-C. Orgerie, N. Beldiceanu, J.-M. Menaud | Green Energy Aware Scheduling Problem in Virtualized Datacenters | Yes | [574] | 2017 | ICPADS 2017 | 8 | 1 1 1 | 8 18 | 718 | n/a |
| Madi-WambaB16 Madi-WambaB16 | G. Madi-Wamba, N. Beldiceanu | The TaskIntersection Constraint | Yes | [573] | 2016 | CPAIOR 2016 | 16 | 0 0 2 | 0 0 | 717 | n/a |
| LetortCB15 LetortCB15 | A. Letort, M. Carlsson, N. Beldiceanu | Synchronized sweep algorithms for scalable scheduling constraints | Yes | [528] | 2015 | Constraints An Int. J. | 52 | 2 2 4 | 14 28 | 1523 | 1748 |
| LetortCB13 LetortCB13 | A. Letort, M. Carlsson, N. Beldiceanu | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | Yes | [527] | 2013 | CPAIOR 2013 | 16 | 3 3 4 | 10 16 | 692 | 957 |
| LetortBC12 LetortBC12 | A. Letort, N. Beldiceanu, M. Carlsson | A Scalable Sweep Algorithm for the cumulative Constraint | Yes | [526] | 2012 | CP 2012 | 16 | 18 19 27 | 12 21 | 691 | n/a |
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| ClercqPBJ11 ClercqPBJ11 | A. D. Clercq, T. Petit, N. Beldiceanu, N. Jussien | Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource | Yes | [213] | 2011 | CP 2011 | 16 | 3 3 4 | 11 13 | 548 | n/a |
| BeldiceanuCP08 BeldiceanuCP08 | N. Beldiceanu, M. Carlsson, E. Poder | New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles | Yes | [110] | 2008 | CPAIOR 2008 | 15 | 8 8 18 | 9 13 | 494 | n/a |
| PoderB08 PoderB08 | E. Poder, N. Beldiceanu | Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production | Yes | [700] | 2008 | ICAPS 2008 | 8 | 0 0 0 | 0 0 | 765 | n/a |
| BeldiceanuP07 BeldiceanuP07 | N. Beldiceanu, E. Poder | A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production | Yes | [112] | 2007 | CPAIOR 2007 | 15 | 4 4 6 | 7 12 | 495 | n/a |
| PoderBS04 PoderBS04 | E. Poder, N. Beldiceanu, E. Sanlaville | Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption | Yes | [701] | 2004 | European Journal of Operational Research | 16 | 7 7 10 | 8 18 | 1591 | n/a |
| BeldiceanuC02 BeldiceanuC02 | N. Beldiceanu, M. Carlsson | A New Multi-resource cumulatives Constraint with Negative Heights | Yes | [108] | 2002 | CP 2002 | 17 | 33 33 48 | 9 20 | 493 | n/a |
| BeldiceanuC01 BeldiceanuC01 | N. Beldiceanu, M. Carlsson | Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint | Yes | [107] | 2001 | CP 2001 | 15 | 34 33 45 | 0 13 | 492 | n/a |
| BeldiceanuC94 BeldiceanuC94 | N. Beldiceanu, E. Contejean | Introducing Global Constraints in CHIP | Yes | [111] | 1994 | Mathematical and Computer Modelling | 27 | 167 169 223 | 8 21 | 1392 | n/a |
| AggounB93 AggounB93 | A. Aggoun, N. Beldiceanu | Extending CHIP in order to solve complex scheduling and placement problems | Yes | [13] | 1993 | Mathematical and Computer Modelling | 17 | 187 191 214 | 11 36 | 1356 | n/a |

## D.15 15 Works by Mats Carlsson

Table 43: Works by Mats Carlsson (Total 15)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FrimodigECM23 FrimodigECM23 | S. Frimodig, P. Enqvist, M. Carlsson, C. Mercier | Comparing Optimization Methods for Radiation Therapy Patient Scheduling using Different Objectives | Yes | [311] | 2023 | Oper. Res. Forum | 38 | 0 0 0 | 0 56 | 1450 | n/a |
| WessenCSFPM23 WessenCSFPM23 | J. Wessén, M. Carlsson, C. Schulte, P. Flener, F. Pecora, M. Matskin | A constraint programming model for the scheduling and workspace layout design of a dual-arm multi-tool assembly robot | Yes | [887] | 2023 | Constraints An Int. J. | 34 | 0 0 0 | 38 50 | 1653 | 1703 |
| WessenCS20 WessenCS20 | J. Wessén, M. Carlsson, C. Schulte | Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization | Yes | [886] | 2020 | CPAIOR 2020 | 10 | 2 2 2 | 11 19 | 851 | 927 |
| CarlssonJL17 CarlssonJL17 | M. Carlsson, M. Johansson, J. Larson | Scheduling double round-robin tournaments with divisional play using constraint programming | No | [189] | 2017 | European Journal of Operational Research | 11 | 10 11 12 | 14 42 | No | n/a |
| MossigeGSMC17 MossigeGSMC17 | M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson | Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems | Yes | [619] | 2017 | CP 2017 | 18 | 6 7 8 | 33 39 | 734 | n/a |
| LetortCB15 LetortCB15 | A. Letort, M. Carlsson, N. Beldiceanu | Synchronized sweep algorithms for scalable scheduling constraints | Yes | [528] | 2015 | Constraints An Int. J. | 52 | 2 2 4 | 14 28 | 1523 | 1748 |
| LarsonJC14 LarsonJC14 | J. Larson, M. Johansson, M. Carlsson | An Integrated Constraint Programming Approach to Scheduling Sports Leagues with Divisional and Round-Robin Tournaments | Yes | [519] | 2014 | CPAIOR 2014 | 15 | 1 2 4 | 16 21 | 688 | n/a |
| LetortCB13 LetortCB13 | A. Letort, M. Carlsson, N. Beldiceanu | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | Yes | [527] | 2013 | CPAIOR 2013 | 16 | 3 3 4 | 10 16 | 692 | 957 |
| LetortBC12 LetortBC12 | A. Letort, N. Beldiceanu, M. Carlsson | A Scalable Sweep Algorithm for the cumulative Constraint | Yes | [526] | 2012 | CP 2012 | 16 | 18 19 27 | 12 21 | 691 | n/a |
| LozanoCDS12 LozanoCDS12 | R. C. Lozano, M. Carlsson, F. Drejhammar, C. Schulte | Constraint-Based Register Allocation and Instruction Scheduling | Yes | [563] | 2012 | CP 2012 | 17 | 21 17 25 | 30 36 | 713 | n/a |
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| BeldiceanuCP08 BeldiceanuCP08 | N. Beldiceanu, M. Carlsson, E. Poder | New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles | Yes | [110] | 2008 | CPAIOR 2008 | 15 | 8 8 18 | 9 13 | 494 | n/a |
| BeldiceanuC02 BeldiceanuC02 | N. Beldiceanu, M. Carlsson | A New Multi-resource cumulatives Constraint with Negative Heights | Yes | [108] | 2002 | CP 2002 | 17 | 33 33 48 | 9 20 | 493 | n/a |
| BeldiceanuC01 BeldiceanuC01 | N. Beldiceanu, M. Carlsson | Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint | Yes | [107] | 2001 | CP 2001 | 15 | 34 33 45 | 0 13 | 492 | n/a |
| CarlssonKA99 CarlssonKA99 | M. Carlsson, P. Kreuger, E. Åström | Constraint-Based Resource Allocation and Scheduling in Steel Manufacturing | Yes | [190] | 1999 | PADL 1999 | 15 | 1 1 0 | 3 5 | 534 | n/a |

## D.16 15 Works by Philippe Laborie

Table 44: Works by Philippe Laborie (Total 15)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LunardiBLRV20 LunardiBLRV20 | W. T. Lunardi, E. G. Birgin, P. Laborie, D. P. Ronconi, H. Voos | Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem | Yes | [567] | 2020 | Computers Operations Research | 20 | 30 36 39 | 18 24 | 1537 | 1727 |
| Laborie18a Laborie18a | P. Laborie | An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling | Yes | [511] | 2018 | CPAIOR 2018 | 9 | 18 19 25 | 10 15 | 685 | n/a |
| LaborieRSV18 LaborieRSV18 | P. Laborie, J. Rogerie, P. Shaw, P. Vilím | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | Yes | [512] | 2018 | Constraints An Int. J. | 41 | 148 178 203 | 35 54 | 1520 | 1742 |
| MelgarejoLS15 MelgarejoLS15 | P. Aguiar-Melgarejo, P. Laborie, C. Solnon | A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems | Yes | [16] | 2015 | CPAIOR 2015 | 17 | 14 14 22 | 17 30 | 725 | n/a |
| VilimLS15 VilimLS15 | P. Vilím, P. Laborie, P. Shaw | Failure-Directed Search for Constraint-Based Scheduling | Yes | [871] | 2015 | CPAIOR 2015 | 17 | 31 31 55 | 19 38 | 844 | n/a |
| LaborieR14 LaborieR14 | P. Laborie, J. Rogerie | Temporal linear relaxation in IBM ILOG CP Optimizer | Yes | [513] | 2014 | Journal of Scheduling | 10 | 17 19 22 | 13 26 | 1519 | n/a |
| BidotVLB09 BidotVLB09 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A theoretic and practical framework for scheduling in a stochastic environment | Yes | [130] | 2009 | Journal of Scheduling | 30 | 58 60 76 | 20 49 | 1398 | n/a |
| Laborie09 Laborie09 | P. Laborie | IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems | Yes | [510] | 2009 | CPAIOR 2009 | 15 | 53 52 91 | 2 9 | 684 | n/a |
| BidotVLB07 BidotVLB07 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A General Framework for Scheduling in a Stochastic Environment | Yes | [129] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 507 | n/a |
| BaptisteLPN06 BaptisteLPN06 | P. Baptiste, P. Laborie, C. L. Pape, W. Nuijten | Constraint-Based Scheduling and Planning | No | [65] | 2006 | Handbook of Constraint Programming | 39 | 30 30 34 | 25 78 | No | n/a |
| NeronABCDD06 NeronABCDD06 | E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie | Lower Bounds for Resource Constrained Project Scheduling Problem | No | [660] | 2006 | Perspectives in Modern Project Scheduling | 38 | 3 3 0 | 34 49 | No | n/a |
| GodardLN05 GodardLN05 | D. Godard, P. Laborie, W. Nuijten | Randomized Large Neighborhood Search for Cumulative Scheduling | Yes | [343] | 2005 | ICAPS 2005 | 9 | 0 0 0 | 0 0 | 610 | n/a |
| Laborie05 Laborie05 | P. Laborie | Complete MCS-Based Search: Application to Resource Constrained Project Scheduling | Yes | [509] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 683 | n/a |
| Laborie03 Laborie03 | P. Laborie | Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results | Yes | [508] | 2003 | Artificial Intelligence | 38 | 128 129 175 | 10 31 | 1518 | n/a |
| FocacciLN00 FocacciLN00 | F. Focacci, P. Laborie, W. Nuijten | Solving Scheduling Problems with Setup Times and Alternative Resources | Yes | [300] | 2000 | AIPS 2000 | 10 | 0 0 0 | 0 0 | 582 | n/a |

## D.17 14 Works by Philippe Baptiste

Table 45: Works by Philippe Baptiste (Total 14)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BaptisteB18 BaptisteB18 | P. Baptiste, N. Bonifas | Redundant cumulative constraints to compute preemptive bounds | Yes | [64] | 2018 | Discrete Applied Mathematics | 10 | 3 4 4 | 13 19 | 1375 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| BaptisteLPN06 BaptisteLPN06 | P. Baptiste, P. Laborie, C. L. Pape, W. Nuijten | Constraint-Based Scheduling and Planning | No | [65] | 2006 | Handbook of Constraint Programming | 39 | 30 30 34 | 25 78 | No | n/a |
| NeronABCDD06 NeronABCDD06 | E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie | Lower Bounds for Resource Constrained Project Scheduling Problem | No | [660] | 2006 | Perspectives in Modern Project Scheduling | 38 | 3 3 0 | 34 49 | No | n/a |
| ArtiouchineB05 ArtiouchineB05 | K. Artiouchine, P. Baptiste | Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs | Yes | [49] | 2005 | CP 2005 | 15 | 3 3 9 | 11 24 | 465 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| BaptistePN01 BaptistePN01 | P. Baptiste, C. L. Pape, W. Nuijten | Constraint-Based Scheduling | No | [70] | 2001 | Book | null | 296 302 0 | 0 0 | No | n/a |
| BaptisteP00 BaptisteP00 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [69] | 2000 | Constraints An Int. J. | 21 | 46 0 62 | 0 0 | 1376 | 1771 |
| BaptistePN99 BaptistePN99 | P. Baptiste, C. L. Pape, W. Nuijten | Satisfiability tests and time-bound adjustments for cumulative scheduling problems | Yes | [66] | 1999 | Annals of Operations Research | 29 | 72 0 85 | 0 0 | 1377 | n/a |
| PapaB98 PapaB98 | C. L. Pape, P. Baptiste | Resource Constraints for Preemptive Job-shop Scheduling | Yes | [684] | 1998 | Constraints An Int. J. | 25 | 14 0 19 | 0 0 | 1586 | 1777 |
| BaptisteP97 BaptisteP97 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [68] | 1997 | CP 1997 | 15 | 8 9 14 | 10 22 | 474 | n/a |
| PapeB97 PapeB97 | C. L. Pape, P. Baptiste | A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling | Yes | [683] | 1997 | PACT 1997 | 20 | 0 0 0 | 0 0 | 758 | n/a |
| PapeB96 PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | No | [682] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| BaptisteP95 BaptisteP95 | P. Baptiste, C. L. Pape | A Theoretical and Experimental Comparison of Constraint Propagation Techniques for Disjunctive Scheduling | Yes | [67] | 1995 | IJCAI 1995 | 7 | 0 0 0 | 0 0 | 473 | n/a |

## D.18 14 Works by Pascal Van Hentenryck

Table 46: Works by Pascal Van Hentenryck (Total 14)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KotaryFH22 KotaryFH22 | J. Kotary, F. Fioretto, P. V. Hentenryck | Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method | Yes | [490] | 2022 | AAAI 2022 | 8 | 0 2 0 | 0 0 | 672 | 895 |
| KletzanderMH21 KletzanderMH21 | L. Kletzander, N. Musliu, P. V. Hentenryck | Branch and Price for Bus Driver Scheduling with Complex Break Constraints | Yes | [482] | 2021 | AAAI 2021 | 9 | 2 2 0 | 0 0 | 669 | n/a |
| FontaineMH16 FontaineMH16 | D. Fontaine, L. Michel, P. V. Hentenryck | Parallel Composition of Scheduling Solvers | Yes | [302] | 2016 | CPAIOR 2016 | 11 | 3 3 3 | 0 0 | 583 | n/a |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| PacinoH11 PacinoH11 | D. Pacino, P. V. Hentenryck | Large Neighborhood Search and Adaptive Randomized Decompositions for Flexible Jobshop Scheduling | Yes | [679] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 757 | n/a |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| MonetteDH09 MonetteDH09 | J.-N. Monette, Y. Deville, P. V. Hentenryck | Just-In-Time Scheduling with Constraint Programming | Yes | [615] | 2009 | ICAPS 2009 | 8 | 9 10 0 | 0 0 | 732 | n/a |
| DoomsH08 DoomsH08 | G. Dooms, P. V. Hentenryck | Gap Reduction Techniques for Online Stochastic Project Scheduling | Yes | [255] | 2008 | CPAIOR 2008 | 16 | 1 1 0 | 2 8 | 566 | n/a |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| MercierH08 MercierH08 | L. Mercier, P. V. Hentenryck | Edge Finding for Cumulative Scheduling | Yes | [600] | 2008 | INFORMS Journal on Computing | 11 | 32 33 0 | 5 8 | 1551 | n/a |
| MercierH07 MercierH07 | L. Mercier, P. V. Hentenryck | Strong polynomiality of resource constraint propagation | Yes | [601] | 2007 | Discrete Optimization | 27 | 5 5 7 | 8 17 | 1550 | n/a |
| HentenryckM04 HentenryckM04 | P. V. Hentenryck, L. Michel | Scheduling Abstractions for Local Search | Yes | [411] | 2004 | CPAIOR 2004 | 16 | 12 12 16 | 14 21 | 634 | n/a |
| DincbasSH90 DincbasSH90 | M. Dincbas, H. Simonis, P. V. Hentenryck | Solving Large Combinatorial Problems in Logic Programming | Yes | [252] | 1990 | The Journal of Logic Programming | 19 | 86 85 99 | 9 28 | 1431 | n/a |

## D.19 13 Works by Nysret Musliu

Table 47: Works by Nysret Musliu (Total 13)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LacknerMMWW23 LacknerMMWW23 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Exact methods for the Oven Scheduling Problem | Yes | [515] | 2023 | Constraints An Int. J. | 42 | 0 1 0 | 32 38 | 1521 | 1697 |
| WinterMMW22 WinterMMW22 | F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz | Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry | Yes | [889] | 2022 | CP 2022 | 18 | 0 0 0 | 0 0 | 852 | 904 |
| GeibingerKKMMW21 GeibingerKKMMW21 | T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter | Physician Scheduling During a Pandemic | Yes | [328] | 2021 | CPAIOR 2021 | 10 | 0 0 0 | 6 13 | 600 | 910 |
| GeibingerMM21 GeibingerMM21 | T. Geibinger, F. Mischek, N. Musliu | Constraint Logic Programming for Real-World Test Laboratory Scheduling | Yes | [331] | 2021 | AAAI 2021 | 9 | 0 1 0 | 0 0 | 602 | 911 |
| KletzanderMH21 KletzanderMH21 | L. Kletzander, N. Musliu, P. V. Hentenryck | Branch and Price for Bus Driver Scheduling with Complex Break Constraints | Yes | [482] | 2021 | AAAI 2021 | 9 | 2 2 0 | 0 0 | 669 | n/a |
| LacknerMMWW21 LacknerMMWW21 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem | Yes | [514] | 2021 | CP 2021 | 18 | 0 0 3 | 0 0 | 686 | 916 |
| KletzanderM20 KletzanderM20 | L. Kletzander, N. Musliu | Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints | Yes | [481] | 2020 | ICAPS 2020 | 10 | 0 0 0 | 0 0 | 668 | n/a |
| GeibingerMM19 GeibingerMM19 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling | Yes | [330] | 2019 | CPAIOR 2019 | 16 | 6 9 10 | 15 23 | 601 | n/a |
| abs-1911-04766 abs-1911-04766 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling | Yes | [329] | 2019 | CoRR | 16 | 0 0 0 | 0 0 | 1677 | 1738 |
| MusliuSS18 MusliuSS18 | N. Musliu, A. Schutt, P. J. Stuckey | Solver Independent Rotating Workforce Scheduling | Yes | [630] | 2018 | CPAIOR 2018 | 17 | 7 7 10 | 23 28 | 743 | n/a |
| ErkingerM17 ErkingerM17 | C. Erkinger, N. Musliu | Personnel Scheduling as Satisfiability Modulo Theories | Yes | [277] | 2017 | IJCAI 2017 | 8 | 4 4 0 | 0 0 | 576 | n/a |
| KletzanderM17 KletzanderM17 | L. Kletzander, N. Musliu | A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem | Yes | [480] | 2017 | CPAIOR 2017 | 15 | 1 1 6 | 9 14 | 667 | n/a |
| Musliu05 Musliu05 | N. Musliu | Combination of Local Search Strategies for Rotating Workforce Scheduling Problem | Yes | [629] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 742 | n/a |

## D.20 12 Works by Claude Le Pape

Table 48: Works by Claude Le Pape (Total 12)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BaptisteLPN06 BaptisteLPN06 | P. Baptiste, P. Laborie, C. L. Pape, W. Nuijten | Constraint-Based Scheduling and Planning | No | [65] | 2006 | Handbook of Constraint Programming | 39 | 30 30 34 | 25 78 | No | n/a |
| DannaP04 DannaP04 | E. Danna, C. L. Pape | Two Generic Schemes for Efficient and Robust Cooperative Algorithms | No | [225] | 2004 | Constraints and Integer Programming | 25 | 2 2 0 | 34 63 | No | n/a |
| BaptistePN01 BaptistePN01 | P. Baptiste, C. L. Pape, W. Nuijten | Constraint-Based Scheduling | No | [70] | 2001 | Book | null | 296 302 0 | 0 0 | No | n/a |
| BaptisteP00 BaptisteP00 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [69] | 2000 | Constraints An Int. J. | 21 | 46 0 62 | 0 0 | 1376 | 1771 |
| BaptistePN99 BaptistePN99 | P. Baptiste, C. L. Pape, W. Nuijten | Satisfiability tests and time-bound adjustments for cumulative scheduling problems | Yes | [66] | 1999 | Annals of Operations Research | 29 | 72 0 85 | 0 0 | 1377 | n/a |
| NuijtenP98 NuijtenP98 | W. Nuijten, C. L. Pape | Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler | Yes | [659] | 1998 | J. Heuristics | 16 | 42 0 50 | 0 0 | 1577 | n/a |
| PapaB98 PapaB98 | C. L. Pape, P. Baptiste | Resource Constraints for Preemptive Job-shop Scheduling | Yes | [684] | 1998 | Constraints An Int. J. | 25 | 14 0 19 | 0 0 | 1586 | 1777 |
| BaptisteP97 BaptisteP97 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [68] | 1997 | CP 1997 | 15 | 8 9 14 | 10 22 | 474 | n/a |
| PapeB97 PapeB97 | C. L. Pape, P. Baptiste | A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling | Yes | [683] | 1997 | PACT 1997 | 20 | 0 0 0 | 0 0 | 758 | n/a |
| PapeB96 PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | No | [682] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| BaptisteP95 BaptisteP95 | P. Baptiste, C. L. Pape | A Theoretical and Experimental Comparison of Constraint Propagation Techniques for Disjunctive Scheduling | Yes | [67] | 1995 | IJCAI 1995 | 7 | 0 0 0 | 0 0 | 473 | n/a |
| Pape94 Pape94 | C. L. Pape | Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems | Yes | [681] | 1994 | Intelligent Systems Engineering | 34 | 98 98 103 | 0 53 | 1587 | n/a |

## D.21 11 Works by Roman Barták

Table 49: Works by Roman Barták (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SvancaraB22 SvancaraB22 | J. Svancara, R. Barták | Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling | Yes | [807] | 2022 | ICAART 2022 | 8 | 0 0 0 | 0 0 | 809 | n/a |
| JelinekB16 JelinekB16 | J. Jelínek, R. Barták | Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station | Yes | [450] | 2016 | PADL 2016 | 10 | 0 0 0 | 5 8 | 649 | n/a |
| BartakV15 BartakV15 | R. Barták, M. Vlk | Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints | Yes | [80] | 2015 | ICAART 2015 | 12 | 0 0 1 | 0 0 | 479 | n/a |
| Bartak14 Bartak14 | R. Barták | Planning and Scheduling | No | [76] | 2014 | Computing Handbook, Third Edition: Computer Science and Software Engineering | null | 0 0 0 | 0 0 | No | n/a |
| BartakS11 BartakS11 | R. Barták, M. A. Salido | Constraint satisfaction for planning and scheduling problems | Yes | [78] | 2011 | Constraints An Int. J. | 5 | 17 18 21 | 3 7 | 1379 | 1761 |
| BartakCS10 BartakCS10 | R. Barták, O. Cepek, P. Surynek | Discovering implied constraints in precedence graphs with alternatives | Yes | [77] | 2010 | Annals of Operations Research | 31 | 2 2 2 | 9 21 | 1378 | n/a |
| BartakSR10 BartakSR10 | R. Barták, M. A. Salido, F. Rossi | New trends in constraint satisfaction, planning, and scheduling: a survey | Yes | [79] | 2010 | Knowl. Eng. Rev. | 31 | 28 29 31 | 47 88 | 1381 | n/a |
| VilimBC05 VilimBC05 | P. Vilím, R. Barták, O. Cepek | Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | Yes | [870] | 2005 | Constraints An Int. J. | 23 | 21 21 32 | 5 16 | 1647 | 1770 |
| VilimBC04 VilimBC04 | P. Vilím, R. Barták, O. Cepek | Unary Resource Constraint with Optional Activities | Yes | [869] | 2004 | CP 2004 | 15 | 13 12 17 | 4 11 | 843 | n/a |
| Bartak02 Bartak02 | R. Barták | Visopt ShopFloor: On the Edge of Planning and Scheduling | Yes | [75] | 2002 | CP 2002 | 16 | 6 6 11 | 4 20 | 477 | n/a |
| Bartak02a Bartak02a | R. Barták | Visopt ShopFloor: Going Beyond Traditional Scheduling | Yes | [74] | 2002 | ERCIM/CologNet 2002 | 15 | 1 1 1 | 9 22 | 478 | n/a |

## D.22 11 Works by Mark S. Fox

Table 50: Works by Mark S. Fox (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckF00 BeckF00 | J. C. Beck, M. S. Fox | Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics | Yes | [97] | 2000 | Artificial Intelligence | 51 | 24 24 36 | 19 76 | 1384 | n/a |
| BeckF00a BeckF00a | J. C. Beck, M. S. Fox | Constraint-directed techniques for scheduling alternative activities | Yes | [96] | 2000 | Artificial Intelligence | 40 | 48 48 60 | 10 44 | 1385 | n/a |
| BeckF99 BeckF99 | J. C. Beck, M. S. Fox | Scheduling Alternative Activities | Yes | [95] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 487 | n/a |
| BeckDDF98 BeckDDF98 | J. C. Beck, A. J. Davenport, E. D. Davis, M. S. Fox | The ODO project: toward a unified basis for constraint-directed scheduling | Yes | [89] | 1998 | Journal of Scheduling | 37 | 9 8 0 | 0 0 | 1383 | n/a |
| BeckF98 BeckF98 | J. C. Beck, M. S. Fox | A Generic Framework for Constraint-Directed Search and Scheduling | Yes | [94] | 1998 | AI Mag. | 30 | 0 0 0 | 0 0 | 1386 | n/a |
| BeckDF97 BeckDF97 | J. C. Beck, A. J. Davenport, M. S. Fox | Five Pitfalls of Empirical Scheduling Research | Yes | [90] | 1997 | CP 1997 | 15 | 3 3 6 | 12 41 | 484 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |
| SadehF96 SadehF96 | N. M. Sadeh, M. S. Fox | Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem | Yes | [752] | 1996 | Artificial Intelligence | 41 | 95 97 131 | 17 56 | 1611 | n/a |
| FoxS90 FoxS90 | M. S. Fox, N. M. Sadeh | Why is Scheduling Difficult? A CSP Perspective | Yes | [306] | 1990 | ECAI 1990 | 14 | 0 0 0 | 0 0 | 586 | n/a |
| FoxAS82 FoxAS82 | M. S. Fox, B. P. Allen, G. Strohm | Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning | Yes | [305] | 1982 | AAAI 1982 | 4 | 0 0 0 | 0 0 | 585 | n/a |

## D.23 11 Works by Louis-Martin Rousseau

Table 51: Works by Louis-Martin Rousseau (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CappartTSR18 CappartTSR18 | Q. Cappart, C. Thomas, P. Schaus, L.-M. Rousseau | A Constraint Programming Approach for Solving Patient Transportation Problems | Yes | [180] | 2018 | CP 2018 | 17 | 6 6 11 | 31 37 | 532 | 937 |
| DoulabiRP16 DoulabiRP16 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling | Yes | [260] | 2016 | INFORMS Journal on Computing | 17 | 56 63 64 | 28 32 | 1433 | n/a |
| PesantRR15 PesantRR15 | G. Pesant, G. Rix, L.-M. Rousseau | A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem | Yes | [694] | 2015 | CPAIOR 2015 | 16 | 1 1 6 | 7 9 | 764 | n/a |
| DoulabiRP14 DoulabiRP14 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling | Yes | [259] | 2014 | CPAIOR 2014 | 9 | 3 3 10 | 10 10 | 567 | n/a |
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| MalapertGR12 MalapertGR12 | A. Malapert, C. Guéret, L.-M. Rousseau | A constraint programming approach for a batch processing problem with non-identical job sizes | No | [581] | 2012 | European Journal of Operational Research | 13 | 43 44 50 | 24 41 | No | n/a |
| ChapadosJR11 ChapadosJR11 | N. Chapados, M. Joliveau, L.-M. Rousseau | Retail Store Workforce Scheduling by Expected Operating Income Maximization | Yes | [202] | 2011 | CPAIOR 2011 | 6 | 5 5 12 | 12 13 | 542 | n/a |
| HachemiGR11 HachemiGR11 | N. E. Hachemi, M. Gendreau, L.-M. Rousseau | A hybrid constraint programming approach to the log-truck scheduling problem | Yes | [376] | 2011 | Annals of Operations Research | 16 | 32 34 38 | 19 30 | 1468 | n/a |
| CastroGR10 CastroGR10 | P. M. Castro, I. E. Grossmann, L.-M. Rousseau | Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems | No | [192] | 2010 | Hybrid Optimization | 33 | 0 0 4 | 67 88 | No | n/a |
| CorreaLR07 CorreaLR07 | A. I. Corréa, A. Langevin, L.-M. Rousseau | Scheduling and routing of automated guided vehicles: A hybrid approach | Yes | [220] | 2007 | Computers Operations Research | 20 | 106 114 137 | 20 28 | 1426 | n/a |

## D.24 11 Works by Tony T. Tran

Table 52: Works by Tony T. Tran (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TranPZLDB18 TranPZLDB18 | T. T. Tran, M. Padmanabhan, P. Y. Zhang, H. Li, D. G. Down, J. C. Beck | Multi-stage resource-aware scheduling for data centers with heterogeneous servers | Yes | [839] | 2018 | Journal of Scheduling | 17 | 8 9 9 | 26 29 | 1641 | n/a |
| TranVNB17 TranVNB17 | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots | Yes | [841] | 2017 | J. Artif. Intell. Res. | 68 | 12 12 21 | 0 0 | 1642 | n/a |
| TranVNB17a TranVNB17a | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract) | Yes | [842] | 2017 | IJCAI 2017 | 5 | 1 1 0 | 0 0 | 829 | n/a |
| BoothTNB16 BoothTNB16 | K. E. C. Booth, T. T. Tran, G. Nejat, J. C. Beck | Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning | Yes | [156] | 2016 | IEEE Robotics and Automation Letters | 8 | 27 28 35 | 21 34 | 1406 | n/a |
| FrankDT16 FrankDT16 | J. Frank, M. Do, T. T. Tran | Scheduling Ocean Color Observations for a GEO-Stationary Satellite | Yes | [307] | 2016 | ICAPS 2016 | 9 | 4 5 0 | 0 0 | 587 | n/a |
| TranAB16 TranAB16 | T. T. Tran, A. Araujo, J. C. Beck | Decomposition Methods for the Parallel Machine Scheduling Problem with Setups | Yes | [836] | 2016 | INFORMS Journal on Computing | 13 | 72 75 80 | 28 36 | 1640 | n/a |
| TranDRFWOVB16 TranDRFWOVB16 | T. T. Tran, M. Do, E. G. Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. C. Beck | A Hybrid Quantum-Classical Approach to Solving Scheduling Problems | Yes | [838] | 2016 | SOCS 2016 | 9 | 3 9 0 | 0 0 | 827 | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| TerekhovTDB14 TerekhovTDB14 | D. Terekhov, T. T. Tran, D. G. Down, J. C. Beck | Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems | Yes | [822] | 2014 | J. Artif. Intell. Res. | 38 | 12 13 17 | 0 0 | 1635 | n/a |
| TranTDB13 TranTDB13 | T. T. Tran, D. Terekhov, D. G. Down, J. C. Beck | Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times | Yes | [840] | 2013 | ICAPS 2013 | 9 | 2 2 0 | 0 0 | 828 | n/a |
| TranB12 TranB12 | T. T. Tran, J. C. Beck | Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups | Yes | [837] | 2012 | ECAI 2012 | 6 | 0 0 30 | 0 0 | 826 | n/a |

## D.25 11 Works by Petr Vilím

Table 53: Works by Petr Vilím (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LaborieRSV18 LaborieRSV18 | P. Laborie, J. Rogerie, P. Shaw, P. Vilím | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | Yes | [512] | 2018 | Constraints An Int. J. | 41 | 148 178 203 | 35 54 | 1520 | 1742 |
| VilimLS15 VilimLS15 | P. Vilím, P. Laborie, P. Shaw | Failure-Directed Search for Constraint-Based Scheduling | Yes | [871] | 2015 | CPAIOR 2015 | 17 | 31 31 55 | 19 38 | 844 | n/a |
| Vilim11 Vilim11 | P. Vilím | Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources | Yes | [868] | 2011 | CPAIOR 2011 | 16 | 28 29 46 | 6 11 | 842 | n/a |
| Vilim09 Vilim09 | P. Vilím | Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn$ log $n)${\mathcal O}(kn {\rm log} n) | Yes | [866] | 2009 | CP 2009 | 15 | 25 26 34 | 4 7 | 840 | n/a |
| Vilim09a Vilim09a | P. Vilím | Max Energy Filtering Algorithm for Discrete Cumulative Resources | Yes | [867] | 2009 | CPAIOR 2009 | 15 | 13 13 18 | 4 7 | 841 | n/a |
| Vilim05 Vilim05 | P. Vilím | Computing Explanations for the Unary Resource Constraint | Yes | [865] | 2005 | CPAIOR 2005 | 14 | 5 5 6 | 8 11 | 839 | n/a |
| VilimBC05 VilimBC05 | P. Vilím, R. Barták, O. Cepek | Extension of $O(n$ log $n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | Yes | [870] | 2005 | Constraints An Int. J. | 23 | 21 21 32 | 5 16 | 1647 | 1770 |
| Vilim04 Vilim04 | P. Vilím | O(n log n) Filtering Algorithms for Unary Resource Constraint | Yes | [864] | 2004 | CPAIOR 2004 | 13 | 22 22 32 | 5 11 | 838 | n/a |
| VilimBC04 VilimBC04 | P. Vilím, R. Barták, O. Cepek | Unary Resource Constraint with Optional Activities | Yes | [869] | 2004 | CP 2004 | 15 | 13 12 17 | 4 11 | 843 | n/a |
| Vilim03 Vilim03 | P. Vilím | Computing Explanations for Global Scheduling Constraints | Yes | [863] | 2003 | CP 2003 | 1 | 1 1 1 | 1 4 | 837 | n/a |
| Vilim02 Vilim02 | P. Vilím | Batch Processing with Sequence Dependent Setup Times | Yes | [862] | 2002 | CP 2002 | 1 | 6 5 1 | 1 3 | 836 | n/a |

## D.26 10 Works by Alessio Bonfietti

Table 54: Works by Alessio Bonfietti (Total 10)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bonfietti16 Bonfietti16 | A. Bonfietti | A constraint programming scheduling solver for the MPOpt programming environment | Yes | [146] | 2016 | Intelligenza Artificiale | 13 | 0 0 0 | 19 37 | 1404 | n/a |
| BonfiettiZLM16 BonfiettiZLM16 | A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano | The Multirate Resource Constraint | Yes | [153] | 2016 | CP 2016 | 17 | 0 0 0 | 11 18 | 521 | 944 |
| LombardiBM15 LombardiBM15 | M. Lombardi, A. Bonfietti, M. Milano | Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty | Yes | [549] | 2015 | CP 2015 | 16 | 0 0 0 | 8 15 | 707 | n/a |
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| BonfiettiLM14 BonfiettiLM14 | A. Bonfietti, M. Lombardi, M. Milano | Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can! | Yes | [151] | 2014 | CPAIOR 2014 | 16 | 3 3 9 | 12 18 | 519 | n/a |
| BonfiettiLM13 BonfiettiLM13 | A. Bonfietti, M. Lombardi, M. Milano | De-Cycling Cyclic Scheduling Problems | Yes | [150] | 2013 | ICAPS 2013 | 5 | 1 1 0 | 0 0 | 518 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| BonfiettiM12 BonfiettiM12 | A. Bonfietti, M. Milano | A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem | Yes | [152] | 2012 | DC SIAAI 2012 | 3 | 0 0 0 | 0 0 | 520 | n/a |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |

## D.27 10 Works by Margaux Nattaf

Table 55: Works by Margaux Nattaf (Total 10)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonninMNE24 BonninMNE24 | C. Bonnin, A. Malapert, M. Nattaf, M.-L. Espinouse | Toward a Global Constraint for Minimizing the Flowtime | Yes | [154] | 2024 | ICORES 2024 | 12 | 0 0 0 | 0 0 | 522 | n/a |
| PenzDN23 PenzDN23 | L. Penz, S. Dauzère-Pérès, M. Nattaf | Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations | Yes | [688] | 2023 | Computers Operations Research | 13 | 0 3 1 | 34 36 | 1589 | n/a |
| NattafM20 NattafM20 | M. Nattaf, A. Malapert | Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem | Yes | [645] | 2020 | CP 2020 | 16 | 0 0 0 | 6 12 | 744 | 923 |
| MalapertN19 MalapertN19 | A. Malapert, M. Nattaf | A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications | Yes | [582] | 2019 | CPAIOR 2019 | 17 | 1 1 1 | 7 16 | 722 | n/a |
| NattafDYW19 NattafDYW19 | M. Nattaf, S. Dauzère-Pérès, C. Yugma, C.-H. Wu | Parallel machine scheduling with time constraints on machine qualifications | Yes | [643] | 2019 | Computers Operations Research | 16 | 14 22 22 | 21 29 | 1568 | n/a |
| NattafHKAL19 NattafHKAL19 | M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez | Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem | Yes | [644] | 2019 | Discrete Applied Mathematics | 16 | 5 6 5 | 12 17 | 1569 | n/a |
| NattafAL17 NattafAL17 | M. Nattaf, C. Artigues, P. Lopez | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | Yes | [641] | 2017 | Constraints An Int. J. | 18 | 5 5 7 | 10 16 | 1566 | 1745 |
| Nattaf16 Nattaf16 | M. Nattaf | Ordonnancement sous contraintes d'énergie | Yes | [639] | 2016 | UPS Toulouse - Université Toulouse 3 Paul Sabatier | 199 | 0 0 0 | 0 0 | 3171 | n/a |
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |

## D.28 10 Works by Angelo Oddi

Table 56: Works by Angelo Oddi (Total 10)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CestaOPS14 CestaOPS14 | A. Cesta, A. Oddi, N. Policella, S. F. Smith | A Precedence Constraint Posting Approach | No | [198] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 21 | 2 2 3 | 17 40 | No | n/a |
| OddiRCS11 OddiRCS11 | A. Oddi, R. Rasconi, A. Cesta, S. F. Smith | Iterative Flattening Search for the Flexible Job Shop Scheduling Problem | Yes | [664] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 750 | n/a |
| OddiRC10 OddiRC10 | A. Oddi, R. Rasconi, A. Cesta | Project Scheduling as a Disjunctive Temporal Problem | Yes | [663] | 2010 | ECAI 2010 | 2 | 0 0 2 | 0 0 | 749 | n/a |
| OddiPCC05 OddiPCC05 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems | No | [662] | 2005 | MISTA 2005 | 28 | 3 3 0 | 12 19 | No | n/a |
| PolicellaWSO05 PolicellaWSO05 | N. Policella, X. Wang, S. F. Smith, A. Oddi | Exploiting Temporal Flexibility to Obtain High Quality Schedules | Yes | [703] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 766 | n/a |
| OddiPCC03 OddiPCC03 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Generating High Quality Schedules for a Spacecraft Memory Downlink Problem | Yes | [661] | 2003 | CP 2003 | 15 | 8 7 14 | 6 12 | 748 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |
| OddiS97 OddiS97 | A. Oddi, S. F. Smith | Stochastic Procedures for Generating Feasible Schedules | Yes | [665] | 1997 | AAAI 1997 | 7 | 0 0 0 | 0 0 | 751 | n/a |

## D.29 10 Works by Claude-Guy Quimper

Table 57: Works by Claude-Guy Quimper (Total 10)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FahimiQ23 FahimiQ23 | H. Fahimi, C.-G. Quimper | Overload-Checking and Edge-Finding for Robust Cumulative Scheduling | No | [288] | 2023 | INFORMS Journal on Computing | 20 | 0 0 0 | 16 21 | No | n/a |
| BoudreaultSLQ22 BoudreaultSLQ22 | R. Boudreault, V. Simard, D. Lafond, C.-G. Quimper | A Constraint Programming Approach to Ship Refit Project Scheduling | Yes | [160] | 2022 | CP 2022 | 16 | 0 0 0 | 0 0 | 524 | 892 |
| OuelletQ22 OuelletQ22 | Y. Ouellet, C.-G. Quimper | A MinCumulative Resource Constraint | Yes | [672] | 2022 | CPAIOR 2022 | 17 | 1 1 0 | 22 27 | 754 | 898 |
| Mercier-AubinGQ20 Mercier-AubinGQ20 | A. Mercier-Aubin, J. Gaudreault, C.-G. Quimper | Leveraging Constraint Scheduling: A Case Study to the Textile Industry | Yes | [602] | 2020 | CPAIOR 2020 | 13 | 2 2 2 | 13 17 | 726 | 922 |
| FahimiOQ18 FahimiOQ18 | H. Fahimi, Y. Ouellet, C.-G. Quimper | Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last | Yes | [287] | 2018 | Constraints An Int. J. | 22 | 2 2 7 | 20 36 | 1442 | 1740 |
| KameugneFGOQ18 KameugneFGOQ18 | R. Kameugne, S. B. Fetgo, V. Gingras, Y. Ouellet, C.-G. Quimper | Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint | Yes | [463] | 2018 | CPAIOR 2018 | 17 | 1 2 2 | 12 17 | 657 | n/a |
| OuelletQ18 OuelletQ18 | Y. Ouellet, C.-G. Quimper | A O(n \log ˆ2 n) Checker and O(nˆ2 \log n) Filtering Algorithm for the Energetic Reasoning | Yes | [671] | 2018 | CPAIOR 2018 | 18 | 6 8 8 | 16 23 | 753 | n/a |
| GingrasQ16 GingrasQ16 | V. Gingras, C.-G. Quimper | Generalizing the Edge-Finder Rule for the Cumulative Constraint | Yes | [341] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 608 | n/a |
| BessiereHMQW14 BessiereHMQW14 | C. Bessiere, E. Hebrard, M.-A. Ménard, C.-G. Quimper, T. Walsh | Buffered Resource Constraint: Algorithms and Complexity | Yes | [127] | 2014 | CPAIOR 2014 | 16 | 1 1 1 | 3 7 | 505 | n/a |
| OuelletQ13 OuelletQ13 | P. Ouellet, C.-G. Quimper | Time-Table Extended-Edge-Finding for the Cumulative Constraint | Yes | [670] | 2013 | CP 2013 | 16 | 12 12 18 | 14 16 | 752 | n/a |

## D.30 9 Works by Narendra Jussien

Table 58: Works by Narendra Jussien (Total 9)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| ClercqPBJ11 ClercqPBJ11 | A. D. Clercq, T. Petit, N. Beldiceanu, N. Jussien | Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource | Yes | [213] | 2011 | CP 2011 | 16 | 3 3 4 | 11 13 | 548 | n/a |
| HladikCDJ08 HladikCDJ08 | P.-E. Hladik, H. Cambazard, A.-M. Déplanche, N. Jussien | Solving a real-time allocation problem with constraint programming | Yes | [419] | 2008 | Journal of Systems and Software | 18 | 36 37 48 | 27 66 | 1486 | n/a |
| CambazardJ05 CambazardJ05 | H. Cambazard, N. Jussien | Integrating Benders Decomposition Within Constraint Programming | Yes | [177] | 2005 | CP 2005 | 5 | 6 6 7 | 8 8 | 530 | n/a |
| CambazardHDJT04 CambazardHDJT04 | H. Cambazard, P.-E. Hladik, A.-M. Déplanche, N. Jussien, Y. Trinquet | Decomposition and Learning for a Hard Real Time Task Allocation Problem | Yes | [176] | 2004 | CP 2004 | 15 | 33 33 45 | 13 23 | 529 | n/a |
| ElkhyariGJ02 ElkhyariGJ02 | A. Elkhyari, C. Guéret, N. Jussien | Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems | Yes | [272] | 2002 | CP 2002 | 6 | 1 1 0 | 6 12 | 573 | n/a |
| ElkhyariGJ02a ElkhyariGJ02a | A. Elkhyari, C. Guéret, N. Jussien | Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools | Yes | [273] | 2002 | PATAT 2002 | 24 | 9 9 14 | 20 32 | 574 | n/a |
| JussienL02 JussienL02 | N. Jussien, O. Lhomme | Local search with constraint propagation and conflict-based heuristics | Yes | [455] | 2002 | Artificial Intelligence | 25 | 88 88 108 | 16 54 | 1500 | n/a |

## D.31 9 Works by Wim Nuijten

Table 59: Works by Wim Nuijten (Total 9)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BaptisteLPN06 BaptisteLPN06 | P. Baptiste, P. Laborie, C. L. Pape, W. Nuijten | Constraint-Based Scheduling and Planning | No | [65] | 2006 | Handbook of Constraint Programming | 39 | 30 30 34 | 25 78 | No | n/a |
| GodardLN05 GodardLN05 | D. Godard, P. Laborie, W. Nuijten | Randomized Large Neighborhood Search for Cumulative Scheduling | Yes | [343] | 2005 | ICAPS 2005 | 9 | 0 0 0 | 0 0 | 610 | n/a |
| BaptistePN01 BaptistePN01 | P. Baptiste, C. L. Pape, W. Nuijten | Constraint-Based Scheduling | No | [70] | 2001 | Book | null | 296 302 0 | 0 0 | No | n/a |
| FocacciLN00 FocacciLN00 | F. Focacci, P. Laborie, W. Nuijten | Solving Scheduling Problems with Setup Times and Alternative Resources | Yes | [300] | 2000 | AIPS 2000 | 10 | 0 0 0 | 0 0 | 582 | n/a |
| SourdN00 SourdN00 | F. Sourd, W. Nuijten | Multiple-Machine Lower Bounds for Shop-Scheduling Problems | Yes | [797] | 2000 | INFORMS Journal on Computing | 12 | 7 7 8 | 14 23 | 1628 | n/a |
| BaptistePN99 BaptistePN99 | P. Baptiste, C. L. Pape, W. Nuijten | Satisfiability tests and time-bound adjustments for cumulative scheduling problems | Yes | [66] | 1999 | Annals of Operations Research | 29 | 72 0 85 | 0 0 | 1377 | n/a |
| NuijtenP98 NuijtenP98 | W. Nuijten, C. L. Pape | Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler | Yes | [659] | 1998 | J. Heuristics | 16 | 42 0 50 | 0 0 | 1577 | n/a |
| NuijtenA96 NuijtenA96 | W. Nuijten, E. H. L. Aarts | A computational study of constraint satisfaction for multiple capacitated job shop scheduling | Yes | [658] | 1996 | European Journal of Operational Research | 16 | 65 65 90 | 6 21 | 1576 | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |

## D.32 9 Works by Armin Wolf

Table 60: Works by Armin Wolf (Total 9)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GeitzGSSW22 GeitzGSSW22 | M. Geitz, C. Grozea, W. Steigerwald, R. Stöhr, A. Wolf | Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches | Yes | [332] | 2022 | CPAIOR 2022 | 18 | 0 1 3 | 24 36 | 603 | 893 |
| Wolf11 Wolf11 | A. Wolf | Constraint-Based Modeling and Scheduling of Clinical Pathways | Yes | [892] | 2011 | CSCLP 2011 | 17 | 5 5 6 | 19 26 | 856 | n/a |
| SchuttW10 SchuttW10 | A. Schutt, A. Wolf | A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints | Yes | [775] | 2010 | CP 2010 | 15 | 13 14 16 | 14 19 | 794 | n/a |
| Wolf09 Wolf09 | A. Wolf, G. Schrader | Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource | Yes | [895] | 2009 | INAP 2009 | 17 | 1 1 1 | 12 15 | 855 | n/a |
| SchuttWS05 SchuttWS05 | A. Schutt, A. Wolf, G. Schrader | Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$ | Yes | [776] | 2005 | INAP 2005 | 15 | 6 6 9 | 4 11 | 795 | n/a |
| Wolf05 Wolf05 | A. Wolf | Better Propagation for Non-preemptive Single-Resource Constraint Problems | Yes | [891] | 2005 | CSCLP 2005 | 15 | 4 4 4 | 8 12 | 854 | n/a |
| WolfS05 WolfS05 | A. Wolf, G. Schrader | $O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application | Yes | [894] | 2005 | INAP 2005 | 14 | 6 7 12 | 6 10 | 857 | n/a |
| WolfS05a WolfS05a | A. Wolf, H. Schlenker | Realising the Alternative Resources Constraint | Yes | [893] | 2005 | Applications of Declarative Programming and Knowledge Management | 15 | 5 5 5 | 6 8 | ?? | n/a |
| Wolf03 Wolf03 | A. Wolf | Pruning while Sweeping over Task Intervals | Yes | [890] | 2003 | CP 2003 | 15 | 11 11 10 | 7 13 | 853 | n/a |

## D.33 9 Works by Cemalettin Öztürk

Table 61: Works by Cemalettin Öztürk (Total 9)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GokPTGO23 GokPTGO23 | Y. S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk | Constraint-based robust planning and scheduling of airport apron operations through simheuristics | Yes | [348] | 2023 | Annals of Operations Research | 36 | 0 0 0 | 0 0 | 1456 | 1693 |
| OrnekOS20 OrnekOS20 | A. Örnek, C. Öztürk, I. Sugut | Integer and constraint programming model formulations for flight-gate assignment problem | Yes | [669] | 2022 | Operational Research | 29 | 0 0 0 | 0 0 | 1580 | n/a |
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| GokGSTO20 GokGSTO20 | Y. S. Gök, D. Guimarans, P. J. Stuckey, M. Tomasella, C. Öztürk | Robust Resource Planning for Aircraft Ground Operations | Yes | [347] | 2020 | CPAIOR 2020 | 17 | 2 3 8 | 14 23 | 612 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| OrnekO16 OrnekO16 | A. Örnek, C. Öztürk | Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems | Yes | [668] | 2016 | International Journal of Industrial Engineering: Theory, Applications and Practice | 25 | 0 0 0 | 0 0 | 1579 | n/a |
| OzturkTHO15 OzturkTHO15 | C. Öztürk, S. Tunalı, B. Hnich, A. Örnek | Cyclic scheduling of flexible mixed model assembly lines with parallel stations | Yes | [677] | 2015 | Journal of Manufacturing Systems | 12 | 27 28 31 | 17 32 | 1584 | n/a |
| OzturkTHO13 OzturkTHO13 | C. Öztürk, S. Tunali, B. Hnich, A. Örnek | Balancing and scheduling of flexible mixed model assembly lines | Yes | [676] | 2013 | Constraints An Int. J. | 36 | 31 31 34 | 44 62 | 1583 | 1756 |
| OzturkTHO10 OzturkTHO10 | C. Öztürk, S. Tunali, B. Hnich, A. Örnek | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times | Yes | [675] | 2010 | Electronic Notes in Discrete Mathematics | 8 | 15 15 17 | 1 3 | 1581 | n/a |

## D.34 8 Works by Amedeo Cesta

Table 62: Works by Amedeo Cesta (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CestaOPS14 CestaOPS14 | A. Cesta, A. Oddi, N. Policella, S. F. Smith | A Precedence Constraint Posting Approach | No | [198] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 21 | 2 2 3 | 17 40 | No | n/a |
| OddiRCS11 OddiRCS11 | A. Oddi, R. Rasconi, A. Cesta, S. F. Smith | Iterative Flattening Search for the Flexible Job Shop Scheduling Problem | Yes | [664] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 750 | n/a |
| OddiRC10 OddiRC10 | A. Oddi, R. Rasconi, A. Cesta | Project Scheduling as a Disjunctive Temporal Problem | Yes | [663] | 2010 | ECAI 2010 | 2 | 0 0 2 | 0 0 | 749 | n/a |
| OddiPCC05 OddiPCC05 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems | No | [662] | 2005 | MISTA 2005 | 28 | 3 3 0 | 12 19 | No | n/a |
| OddiPCC03 OddiPCC03 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Generating High Quality Schedules for a Spacecraft Memory Downlink Problem | Yes | [661] | 2003 | CP 2003 | 15 | 8 7 14 | 6 12 | 748 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |

## D.35 8 Works by Thibaut Feydy

Table 63: Works by Thibaut Feydy (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YoungFS17 YoungFS17 | K. D. Young, T. Feydy, A. Schutt | Constraint Programming Applied to the Multi-Skill Project Scheduling Problem | Yes | [903] | 2017 | CP 2017 | 10 | 6 8 13 | 21 28 | 862 | 942 |
| SchuttFSW15 SchuttFSW15 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | A Satisfiability Solving Approach | No | [773] | 2015 | Handbook on Project Management and Scheduling Vol.1 | 26 | 3 4 6 | 28 41 | No | n/a |
| SchuttFS13 SchuttFS13 | A. Schutt, T. Feydy, P. J. Stuckey | Scheduling Optional Tasks with Explanation | Yes | [768] | 2013 | CP 2013 | 17 | 10 10 13 | 20 32 | 790 | n/a |
| SchuttFS13a SchuttFS13a | A. Schutt, T. Feydy, P. J. Stuckey | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | Yes | [767] | 2013 | CPAIOR 2013 | 17 | 20 20 33 | 27 35 | 791 | 958 |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |

## D.36 8 Works by Gabriela P. Henning

Table 64: Works by Gabriela P. Henning (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NovaraNH16 NovaraNH16 | F. M. Novara, J. M. Novas, G. P. Henning | A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation | Yes | [651] | 2016 | Computers Chemical Engineering | 17 | 18 17 19 | 31 40 | 1571 | n/a |
| NovasH14 NovasH14 | J. M. Novas, G. P. Henning | Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming | Yes | [655] | 2014 | Expert Systems with Applications | 14 | 35 37 44 | 26 30 | 1575 | n/a |
| NovasH12 NovasH12 | J. M. Novas, G. P. Henning | A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations | Yes | [654] | 2012 | Computers Chemical Engineering | 17 | 17 17 22 | 15 23 | 1574 | n/a |
| ZeballosNH11 ZeballosNH11 | L. J. Zeballos, J. M. Novas, G. P. Henning | A CP formulation for scheduling multiproduct multistage batch plants | Yes | [917] | 2011 | Computers Chemical Engineering | 17 | 26 26 28 | 29 39 | 1665 | n/a |
| NovasH10 NovasH10 | J. M. Novas, G. P. Henning | Reactive scheduling framework based on domain knowledge and constraint programming | Yes | [653] | 2010 | Computers Chemical Engineering | 20 | 48 49 50 | 19 29 | 1573 | n/a |
| ZeballosQH10 ZeballosQH10 | L. J. Zeballos, O. Quiroga, G. P. Henning | A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations | Yes | [918] | 2010 | Eng. Appl. Artif. Intell. | 20 | 33 33 43 | 28 41 | 1666 | n/a |
| QuirogaZH05 QuirogaZH05 | O. Quiroga, L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS | Yes | [720] | 2005 | ICRA 2005 | 6 | 2 1 2 | 7 11 | 774 | n/a |
| ZeballosH05 ZeballosH05 | L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources | Yes | [915] | 2005 | Inteligencia Artif. | 10 | 0 0 0 | 0 0 | 1664 | n/a |

## D.37 8 Works by Roger Kameugne

Table 65: Works by Roger Kameugne (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KameugneFND23 KameugneFND23 | R. Kameugne, S. B. Fetgo, T. Noulamo, C. T. Djamégni | Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density | Yes | [464] | 2023 | CP 2023 | 17 | 0 0 0 | 0 0 | 658 | 881 |
| ThomasKS20 ThomasKS20 | C. Thomas, R. Kameugne, P. Schaus | Insertion Sequence Variables for Hybrid Routing and Scheduling Problems | Yes | [827] | 2020 | CPAIOR 2020 | 18 | 0 0 2 | 16 28 | 821 | 925 |
| KameugneFGOQ18 KameugneFGOQ18 | R. Kameugne, S. B. Fetgo, V. Gingras, Y. Ouellet, C.-G. Quimper | Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint | Yes | [463] | 2018 | CPAIOR 2018 | 17 | 1 2 2 | 12 17 | 657 | n/a |
| Kameugne15 Kameugne15 | R. Kameugne | Propagation techniques of resource constraint for cumulative scheduling | Yes | [462] | 2015 | Constraints An Int. J. | 2 | 0 0 0 | 0 0 | 1503 | 1747 |
| Kameugne14 Kameugne14 | R. Kameugne | Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif | Yes | [461] | 2014 | University of Yaounde I, Cameroon | 139 | 0 0 0 | 0 0 | 3162 | n/a |
| KameugneFSN14 KameugneFSN14 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A quadratic edge-finding filtering algorithm for cumulative resource constraints | Yes | [467] | 2014 | Constraints An Int. J. | 27 | 6 6 9 | 10 20 | 1505 | 1753 |
| KameugneF13 KameugneF13 | R. Kameugne, L. P. Fotso | A cumulative not-first/not-last filtering algorithm in O(n 2log(n)) | Yes | [465] | 2013 | Indian Journal of Pure and Applied Mathematics | 21 | 6 8 8 | 4 19 | 1504 | n/a |
| KameugneFSN11 KameugneFSN11 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints | Yes | [466] | 2011 | CP 2011 | 15 | 7 8 7 | 9 14 | 659 | n/a |

## D.38 8 Works by Arnaud Malapert

Table 66: Works by Arnaud Malapert (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonninMNE24 BonninMNE24 | C. Bonnin, A. Malapert, M. Nattaf, M.-L. Espinouse | Toward a Global Constraint for Minimizing the Flowtime | Yes | [154] | 2024 | ICORES 2024 | 12 | 0 0 0 | 0 0 | 522 | n/a |
| NattafM20 NattafM20 | M. Nattaf, A. Malapert | Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem | Yes | [645] | 2020 | CP 2020 | 16 | 0 0 0 | 6 12 | 744 | 923 |
| MalapertN19 MalapertN19 | A. Malapert, M. Nattaf | A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications | Yes | [582] | 2019 | CPAIOR 2019 | 17 | 1 1 1 | 7 16 | 722 | n/a |
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| MalapertGR12 MalapertGR12 | A. Malapert, C. Guéret, L.-M. Rousseau | A constraint programming approach for a batch processing problem with non-identical job sizes | No | [581] | 2012 | European Journal of Operational Research | 13 | 43 44 50 | 24 41 | No | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| GrimesHM09 GrimesHM09 | D. Grimes, E. Hebrard, A. Malapert | Closing the Open Shop: Contradicting Conventional Wisdom | Yes | [361] | 2009 | CP 2009 | 9 | 15 15 18 | 12 23 | 618 | n/a |

## D.39 8 Works by Bahman Naderi

Table 67: Works by Bahman Naderi (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| NaderiBZR23 NaderiBZR23 | B. Naderi, M. A. Begen, G. S. Zaric, V. Roshanaei | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | Yes | [632] | 2023 | Omega | 15 | 4 6 6 | 64 80 | 1562 | 1700 |
| NaderiRR23 NaderiRR23 | B. Naderi, R. Ruiz, V. Roshanaei | Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook | Yes | [637] | 2023 | INFORMS Journal on Computing | 27 | 2 7 7 | 50 55 | 1563 | 1701 |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |
| NaderiBZ22a NaderiBZ22a | B. Naderi, M. A. Begen, G. S. Zaric | Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms | Yes | [631] | 2022 | Computers Operations Research | 19 | 3 4 4 | 44 54 | 1560 | n/a |
| NaderiR22 NaderiR22 | B. Naderi, V. Roshanaei | Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling | No | [635] | 2022 | INFORMS Journal on Optimization | 28 | 5 7 0 | 49 52 | No | n/a |
| NaderiRBAU21 NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | No | [636] | 2021 | Production and Operations Management | 28 | 22 23 23 | 61 66 | No | n/a |
| RoshanaeiN21 RoshanaeiN21 | V. Roshanaei, B. Naderi | Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut | Yes | [745] | 2021 | European Journal of Operational Research | 14 | 15 15 15 | 44 51 | 1608 | n/a |

## D.40 8 Works by Barry O'Sullivan

Table 68: Works by Barry O'Sullivan (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ArmstrongGOS22 ArmstrongGOS22 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times | Yes | [39] | 2022 | CPAIOR 2022 | 13 | 0 0 0 | 14 15 | 461 | 891 |
| ArmstrongGOS21 ArmstrongGOS21 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | The Hybrid Flexible Flowshop with Transportation Times | Yes | [38] | 2021 | CP 2021 | 18 | 1 0 1 | 0 0 | 460 | 907 |
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| HurleyOS16 HurleyOS16 | B. Hurley, B. O'Sullivan, H. Simonis | ICON Loop Energy Show Case | Yes | [442] | 2016 | Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach | 14 | 0 0 0 | 16 20 | 3203 | n/a |
| KinsellaS0OS16 KinsellaS0OS16 | A. Kinsella, A. F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis | Optimizing Energy Costs in a Zinc and Lead Mine | Yes | [477] | 2016 | AAAI 2016 | 6 | 1 2 0 | 0 0 | 665 | n/a |
| GrimesIOS14 GrimesIOS14 | D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis | Analyzing the impact of electricity price forecasting on energy cost-aware scheduling | Yes | [362] | 2014 | Sustain. Comput. Informatics Syst. | 16 | 6 6 19 | 7 28 | 1462 | n/a |
| IfrimOS12 IfrimOS12 | G. Ifrim, B. O'Sullivan, H. Simonis | Properties of Energy-Price Forecasts for Scheduling | Yes | [443] | 2012 | CP 2012 | 16 | 6 5 13 | 20 29 | 647 | n/a |

## D.41 8 Works by Erwin Pesch

Table 69: Works by Erwin Pesch (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MullerMKP22 MullerMKP22 | D. Müller, M. G. Müller, D. Kress, E. Pesch | An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning | Yes | [622] | 2022 | European Journal of Operational Research | 18 | 17 19 20 | 59 93 | 1558 | 1714 |
| BlazewiczEP19 BlazewiczEP19 | J. Blazewicz, K. H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz | Constraint Programming and Disjunctive Scheduling | No | [133] | 2019 | Handbook on Scheduling | 62 | 38 38 0 | 0 0 | No | n/a |
| DomdorfPH03 DomdorfPH03 | U. Domdorf, E. Pesch, T. P. Huy | Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling | No | [254] | 2003 | Advances in Evolutionary Computing | 26 | 0 0 0 | 57 96 | No | n/a |
| Dorndorf2000 Dorndorf2000 | U. Dorndorf, E. Pesch, T. Phan-Huy | Constraint propagation techniques for the disjunctive scheduling problem | Yes | [258] | 2000 | Artificial Intelligence | 52 | 47 47 51 | 33 62 | 1432 | n/a |
| DorndorfHP99 DorndorfHP99 | U. Dorndorf, T. P. Huy, E. Pesch | A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling | No | [256] | 1999 | Project Scheduling | 26 | 18 18 0 | 20 40 | No | n/a |
| DorndorfPH99 DorndorfPH99 | U. Dorndorf, E. Pesch, T. P. Huy | Recent Developments in Scheduling | No | [257] | 1999 | Operations Research Proceedings 1999 | 13 | 0 0 0 | 34 61 | No | n/a |
| BlazewiczDP96 BlazewiczDP96 | J. Błażewicz, W. Domschke, E. Pesch | The job shop scheduling problem: Conventional and new solution techniques | Yes | [173] | 1996 | European Journal of Operational Research | 33 | 344 357 412 | 127 224 | 1399 | n/a |
| PeschT96 PeschT96 | E. Pesch, U. A. W. Tetzlaff | Constraint Propagation Based Scheduling of Job Shops | No | [695] | 1996 | INFORMS Journal on Computing | 14 | 22 23 17 | 0 0 | No | n/a |

## D.42 8 Works by Vahid Roshanaei

Table 70: Works by Vahid Roshanaei (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZR23 NaderiBZR23 | B. Naderi, M. A. Begen, G. S. Zaric, V. Roshanaei | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | Yes | [632] | 2023 | Omega | 15 | 4 6 6 | 64 80 | 1562 | 1700 |
| NaderiRR23 NaderiRR23 | B. Naderi, R. Ruiz, V. Roshanaei | Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook | Yes | [637] | 2023 | INFORMS Journal on Computing | 27 | 2 7 7 | 50 55 | 1563 | 1701 |
| NaderiR22 NaderiR22 | B. Naderi, V. Roshanaei | Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling | No | [635] | 2022 | INFORMS Journal on Optimization | 28 | 5 7 0 | 49 52 | No | n/a |
| NaderiRBAU21 NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | No | [636] | 2021 | Production and Operations Management | 28 | 22 23 23 | 61 66 | No | n/a |
| RoshanaeiN21 RoshanaeiN21 | V. Roshanaei, B. Naderi | Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut | Yes | [745] | 2021 | European Journal of Operational Research | 14 | 15 15 15 | 44 51 | 1608 | n/a |
| RoshanaeiBAUB20 RoshanaeiBAUB20 | V. Roshanaei, K. E. C. Booth, D. M. Aleman, D. R. Urbach, J. C. Beck | Branch-and-check methods for multi-level operating room planning and scheduling | Yes | [742] | 2020 | International Journal of Production Economics | 19 | 24 29 29 | 43 56 | 1606 | n/a |
| RoshanaeiLAU17 RoshanaeiLAU17 | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling | Yes | [744] | 2017 | European Journal of Operational Research | 17 | 61 66 65 | 46 53 | 1607 | n/a |
| RoshanaeiLAU17a RoshanaeiLAU17a | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Collaborative Operating Room Planning and Scheduling | No | [743] | 2017 | INFORMS Journal on Computing | 23 | 54 55 55 | 42 47 | No | n/a |

## D.43 8 Works by Stephen F. Smith

Table 71: Works by Stephen F. Smith (Total 8)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CestaOPS14 CestaOPS14 | A. Cesta, A. Oddi, N. Policella, S. F. Smith | A Precedence Constraint Posting Approach | No | [198] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 21 | 2 2 3 | 17 40 | No | n/a |
| OddiRCS11 OddiRCS11 | A. Oddi, R. Rasconi, A. Cesta, S. F. Smith | Iterative Flattening Search for the Flexible Job Shop Scheduling Problem | Yes | [664] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 750 | n/a |
| PolicellaWSO05 PolicellaWSO05 | N. Policella, X. Wang, S. F. Smith, A. Oddi | Exploiting Temporal Flexibility to Obtain High Quality Schedules | Yes | [703] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 766 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |
| OddiS97 OddiS97 | A. Oddi, S. F. Smith | Stochastic Procedures for Generating Feasible Schedules | Yes | [665] | 1997 | AAAI 1997 | 7 | 0 0 0 | 0 0 | 751 | n/a |
| SmithC93 SmithC93 | S. F. Smith, C.-C. Cheng | Slack-Based Heuristics for Constraint Satisfaction Scheduling | Yes | [796] | 1993 | AAAI 1993 | 6 | 0 0 0 | 0 0 | 805 | n/a |

## D.44 7 Works by Andrew J. Davenport

Table 72: Works by Andrew J. Davenport (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Davenport10 Davenport10 | A. J. Davenport | Integrated Maintenance Scheduling for Semiconductor Manufacturing | Yes | [229] | 2010 | CPAIOR 2010 | 5 | 9 9 13 | 2 2 | 555 | n/a |
| DavenportKRSH07 DavenportKRSH07 | A. J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou | An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing | Yes | [230] | 2007 | CP 2007 | 13 | 1 1 5 | 2 13 | 556 | n/a |
| OkanoDTRYA04 OkanoDTRYA04 | H. Okano, A. J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano | Finishing Line Scheduling in the steel industry | No | [667] | 2004 | IBM J. Res. Dev. | 20 | 19 20 26 | 0 0 | No | n/a |
| BeckDDF98 BeckDDF98 | J. C. Beck, A. J. Davenport, E. D. Davis, M. S. Fox | The ODO project: toward a unified basis for constraint-directed scheduling | Yes | [89] | 1998 | Journal of Scheduling | 37 | 9 8 0 | 0 0 | 1383 | n/a |
| BeckDF97 BeckDF97 | J. C. Beck, A. J. Davenport, M. S. Fox | Five Pitfalls of Empirical Scheduling Research | Yes | [90] | 1997 | CP 1997 | 15 | 3 3 6 | 12 41 | 484 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |

## D.45 7 Works by Diarmuid Grimes

Table 73: Works by Diarmuid Grimes (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| GrimesH15 GrimesH15 | D. Grimes, E. Hebrard | Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search | Yes | [360] | 2015 | INFORMS Journal on Computing | 17 | 12 13 16 | 41 66 | 1461 | n/a |
| GrimesIOS14 GrimesIOS14 | D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis | Analyzing the impact of electricity price forecasting on energy cost-aware scheduling | Yes | [362] | 2014 | Sustain. Comput. Informatics Syst. | 16 | 6 6 19 | 7 28 | 1462 | n/a |
| GrimesH11 GrimesH11 | D. Grimes, E. Hebrard | Models and Strategies for Variants of the Job Shop Scheduling Problem | Yes | [359] | 2011 | CP 2011 | 17 | 5 5 11 | 18 27 | 617 | n/a |
| GrimesH10 GrimesH10 | D. Grimes, E. Hebrard | Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach | Yes | [358] | 2010 | CPAIOR 2010 | 15 | 13 13 20 | 20 29 | 616 | n/a |
| GrimesHM09 GrimesHM09 | D. Grimes, E. Hebrard, A. Malapert | Closing the Open Shop: Contradicting Conventional Wisdom | Yes | [361] | 2009 | CP 2009 | 9 | 15 15 18 | 12 23 | 618 | n/a |

## D.46 7 Works by Ignacio E. Grossmann

Table 74: Works by Ignacio E. Grossmann (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| CastroGR10 CastroGR10 | P. M. Castro, I. E. Grossmann, L.-M. Rousseau | Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems | No | [192] | 2010 | Hybrid Optimization | 33 | 0 0 4 | 67 88 | No | n/a |
| MaraveliasCG04 MaraveliasCG04 | C. T. Maravelias, I. E. Grossmann | A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants | Yes | [585] | 2004 | Computers Chemical Engineering | 29 | 116 119 130 | 24 29 | 1540 | n/a |
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |
| HarjunkoskiG02 HarjunkoskiG02 | I. Harjunkoski, I. E. Grossmann | Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods | Yes | [388] | 2002 | Computers Chemical Engineering | 20 | 169 173 192 | 11 25 | 1476 | n/a |
| JainG01 JainG01 | V. Jain, I. E. Grossmann | Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems | Yes | [448] | 2001 | INFORMS Journal on Computing | 19 | 279 284 321 | 23 38 | 1497 | n/a |
| PintoG97 PintoG97 | J. M. Pinto, I. E. Grossmann | A logic-based approach to scheduling problems with resource constraints | No | [699] | 1997 | Computers Chemical Engineering | 18 | 56 56 60 | 12 24 | No | n/a |

## D.47 7 Works by Zdenek Hanzálek

Table 75: Works by Zdenek Hanzálek (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 | Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, B. V. Nouri | A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability | Yes | [592] | 2023 | APMS 2023 | 14 | 0 0 0 | 0 31 | 724 | 883 |
| abs-2305-19888 abs-2305-19888 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | Yes | [408] | 2023 | CoRR | 42 | 0 0 0 | 0 0 | 1680 | 1705 |
| HeinzNVH22 HeinzNVH22 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | Yes | [407] | 2022 | Computers Industrial Engineering | 16 | 5 7 8 | 25 31 | 1482 | 1713 |
| VlkHT21 VlkHT21 | M. Vlk, Z. Hanzálek, S. Tang | Constraint programming approaches to joint routing and scheduling in time-sensitive networks | Yes | [873] | 2021 | Computers Industrial Engineering | 14 | 7 18 20 | 22 36 | 1648 | 1721 |
| BenediktMH20 BenediktMH20 | O. Benedikt, I. Módos, Z. Hanzálek | Power of pre-processing: production scheduling with variable energy pricing and power-saving states | Yes | [116] | 2020 | Constraints An Int. J. | 19 | 1 2 2 | 18 18 | 1395 | 1722 |
| BenediktSMVH18 BenediktSMVH18 | O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek | Energy-Aware Production Scheduling with Power-Saving Modes | Yes | [117] | 2018 | CPAIOR 2018 | 10 | 2 2 4 | 12 13 | 497 | 936 |
| KelbelH11 KelbelH11 | J. Kelbel, Z. Hanzálek | Solving production scheduling with earliness/tardiness penalties by constraint programming | Yes | [470] | 2011 | Journal of Intelligent Manufacturing | 10 | 12 16 18 | 14 25 | 1506 | n/a |

## D.48 7 Works by András Kovács

Table 76: Works by András Kovács (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KovacsB11 KovacsB11 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for unary resources | Yes | [493] | 2011 | Constraints An Int. J. | 24 | 4 4 9 | 26 36 | 1511 | 1762 |
| KovacsK11 KovacsK11 | A. Kovács, T. Kis | Constraint programming approach to a bilevel scheduling problem | Yes | [495] | 2011 | Constraints An Int. J. | 24 | 3 4 5 | 24 37 | 1512 | 1763 |
| KovacsB08 KovacsB08 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for cumulative resources | Yes | [492] | 2008 | Eng. Appl. Artif. Intell. | 7 | 5 5 5 | 14 20 | 1510 | n/a |
| KovacsB07 KovacsB07 | A. Kovács, J. C. Beck | A Global Constraint for Total Weighted Completion Time | Yes | [491] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 12 18 | 673 | n/a |
| KovacsV06 KovacsV06 | A. Kovács, J. Váncza | Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP | Yes | [497] | 2006 | CPAIOR 2006 | 13 | 2 2 3 | 7 13 | 677 | n/a |
| KovacsEKV05 KovacsEKV05 | A. Kovács, P. Egri, T. Kis, J. Váncza | Proterv-II: An Integrated Production Planning and Scheduling System | Yes | [494] | 2005 | CP 2005 | 1 | 2 2 1 | 3 3 | 674 | n/a |
| KovacsV04 KovacsV04 | A. Kovács, J. Váncza | Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling | Yes | [496] | 2004 | CP 2004 | 15 | 3 3 4 | 12 21 | 676 | n/a |

## D.49 7 Works by Gilles Pesant

Table 77: Works by Gilles Pesant (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AalianPG23 AalianPG23 | Y. Aalian, G. Pesant, M. Gamache | Optimization of Short-Term Underground Mine Planning Using Constraint Programming | Yes | [1] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 446 | 875 |
| BofillCGGPSV23 BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| DoulabiRP16 DoulabiRP16 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling | Yes | [260] | 2016 | INFORMS Journal on Computing | 17 | 56 63 64 | 28 32 | 1433 | n/a |
| PesantRR15 PesantRR15 | G. Pesant, G. Rix, L.-M. Rousseau | A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem | Yes | [694] | 2015 | CPAIOR 2015 | 16 | 1 1 6 | 7 9 | 764 | n/a |
| DoulabiRP14 DoulabiRP14 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling | Yes | [259] | 2014 | CPAIOR 2014 | 9 | 3 3 10 | 10 10 | 567 | n/a |
| BourdaisGP03 BourdaisGP03 | S. Bourdais, P. Galinier, G. Pesant | HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care | Yes | [161] | 2003 | CP 2003 | 15 | 29 30 51 | 5 19 | 525 | n/a |
| PesantGPR99 PesantGPR99 | G. Pesant, M. Gendreau, J.-Y. Potvin, J.-M. Rousseau | On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem | Yes | [693] | 1999 | European Journal of Operational Research | 11 | 26 28 32 | 18 24 | 1590 | n/a |

## D.50 7 Works by Luis J. Zeballos

Table 78: Works by Luis J. Zeballos (Total 7)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZeballosNH11 ZeballosNH11 | L. J. Zeballos, J. M. Novas, G. P. Henning | A CP formulation for scheduling multiproduct multistage batch plants | Yes | [917] | 2011 | Computers Chemical Engineering | 17 | 26 26 28 | 29 39 | 1665 | n/a |
| Zeballos10 Zeballos10 | L. J. Zeballos | A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems | Yes | [913] | 2010 | Robotics and Computer-Integrated Manufacturing | 19 | 41 42 51 | 16 23 | 1662 | n/a |
| ZeballosCM10 ZeballosCM10 | L. J. Zeballos, P. M. Castro, C. A. Méndez | Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing | Yes | [914] | 2010 | Industrial Engineering Chemistry Research | 11 | 22 23 29 | 30 39 | 1663 | n/a |
| ZeballosQH10 ZeballosQH10 | L. J. Zeballos, O. Quiroga, G. P. Henning | A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations | Yes | [918] | 2010 | Eng. Appl. Artif. Intell. | 20 | 33 33 43 | 28 41 | 1666 | n/a |
| ZeballosM09 ZeballosM09 | L. J. Zeballos, C. A. Méndez | An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants | No | [916] | 2009 | Industrial Engineering Chemistry Research | 13 | 7 7 7 | 14 23 | No | n/a |
| QuirogaZH05 QuirogaZH05 | O. Quiroga, L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS | Yes | [720] | 2005 | ICRA 2005 | 6 | 2 1 2 | 7 11 | 774 | n/a |
| ZeballosH05 ZeballosH05 | L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources | Yes | [915] | 2005 | Inteligencia Artif. | 10 | 0 0 0 | 0 0 | 1664 | n/a |

## D.51 6 Works by Hadrien Cambazard

Table 79: Works by Hadrien Cambazard (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CatusseCBL16 CatusseCBL16 | N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A.-M. Lagrange, P. Rubini | A Branch-and-Price Algorithm for Scheduling Observations on a Telescope | Yes | [193] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 536 | n/a |
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| HladikCDJ08 HladikCDJ08 | P.-E. Hladik, H. Cambazard, A.-M. Déplanche, N. Jussien | Solving a real-time allocation problem with constraint programming | Yes | [419] | 2008 | Journal of Systems and Software | 18 | 36 37 48 | 27 66 | 1486 | n/a |
| CambazardJ05 CambazardJ05 | H. Cambazard, N. Jussien | Integrating Benders Decomposition Within Constraint Programming | Yes | [177] | 2005 | CP 2005 | 5 | 6 6 7 | 8 8 | 530 | n/a |
| CambazardHDJT04 CambazardHDJT04 | H. Cambazard, P.-E. Hladik, A.-M. Déplanche, N. Jussien, Y. Trinquet | Decomposition and Learning for a Hard Real Time Task Allocation Problem | Yes | [176] | 2004 | CP 2004 | 15 | 33 33 45 | 13 23 | 529 | n/a |

## D.52 6 Works by Yves Deville

Table 80: Works by Yves Deville (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DejemeppeD14 DejemeppeD14 | C. Dejemeppe, Y. Deville | Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling | Yes | [240] | 2014 | CPAIOR 2014 | 9 | 0 0 0 | 7 8 | 558 | 952 |
| HoundjiSWD14 HoundjiSWD14 | V. R. Houndji, P. Schaus, L. A. Wolsey, Y. Deville | The StockingCost Constraint | Yes | [439] | 2014 | CP 2014 | 16 | 5 5 8 | 7 13 | 645 | 953 |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| MonetteDH09 MonetteDH09 | J.-N. Monette, Y. Deville, P. V. Hentenryck | Just-In-Time Scheduling with Constraint Programming | Yes | [615] | 2009 | ICAPS 2009 | 8 | 9 10 0 | 0 0 | 732 | n/a |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |
| MonetteDD07 MonetteDD07 | J.-N. Monette, Y. Deville, P. Dupont | A Position-Based Propagator for the Open-Shop Problem | Yes | [614] | 2007 | CPAIOR 2007 | 14 | 0 0 1 | 12 15 | 731 | n/a |

## D.53 6 Works by Jeremy Frank

Table 81: Works by Jeremy Frank (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FrankDT16 FrankDT16 | J. Frank, M. Do, T. T. Tran | Scheduling Ocean Color Observations for a GEO-Stationary Satellite | Yes | [307] | 2016 | ICAPS 2016 | 9 | 4 5 0 | 0 0 | 587 | n/a |
| TranDRFWOVB16 TranDRFWOVB16 | T. T. Tran, M. Do, E. G. Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. C. Beck | A Hybrid Quantum-Classical Approach to Solving Scheduling Problems | Yes | [838] | 2016 | SOCS 2016 | 9 | 3 9 0 | 0 0 | 827 | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| ReddyFIBKAJ11 ReddyFIBKAJ11 | S. Y. Reddy, J. Frank, M. Iatauro, M. E. Boyce, E. Kürklü, M. Ai-Chang, A. K. Jónsson | Planning solar array operations on the international space station | Yes | [726] | 2011 | ACM Trans. Intell. Syst. Technol. | 24 | 3 3 11 | 8 22 | 1600 | n/a |
| FrankK05 FrankK05 | J. Frank, E. Kürklü | Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations | Yes | [309] | 2005 | CPAIOR 2005 | 18 | 4 4 4 | 4 15 | 589 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |

## D.54 6 Works by Andy Ham

Table 82: Works by Andy Ham (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HamP21 HamP21 | A. Ham, M.-J. Park | Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study | Yes | [381] | 2021 | IEEE Robotics and Automation Letters | 8 | 13 16 17 | 26 30 | 1474 | 1718 |
| HamPK21 HamPK21 | A. Ham, M.-J. Park, K. M. Kim | Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming | Yes | [382] | 2021 | Mathematical Problems in Engineering | 12 | 6 9 11 | 46 51 | 1475 | 1719 |
| Ham20 Ham20 | A. Ham | Transfer-robot task scheduling in job shop | No | [379] | 2020 | International Journal of Production Research | 11 | 15 19 37 | 27 41 | No | n/a |
| Ham20a Ham20a | A. Ham | Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center | Yes | [378] | 2020 | IEEE Transactions on Automation Science and Engineering | 9 | 15 19 19 | 27 41 | 1471 | n/a |
| Ham18a Ham18a | A. Ham | Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP | Yes | [377] | 2018 | IEEE Transactions on Semiconductor Manufacturing | 10 | 20 24 28 | 21 28 | 1470 | n/a |
| HamFC17 HamFC17 | A. Ham, J. W. Fowler, E. Cakici | Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines | Yes | [380] | 2017 | IEEE Transactions on Semiconductor Manufacturing | 8 | 21 24 25 | 28 33 | 1473 | n/a |

## D.55 6 Works by Stefan Heinz

Table 83: Works by Stefan Heinz (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HeinzKB13 HeinzKB13 | S. Heinz, W.-Y. Ku, J. C. Beck | Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling | Yes | [403] | 2013 | CPAIOR 2013 | 16 | 9 9 17 | 15 20 | 632 | n/a |
| HeinzSB13 HeinzSB13 | S. Heinz, J. Schulz, J. C. Beck | Using dual presolving reductions to reformulate cumulative constraints | Yes | [406] | 2013 | Constraints An Int. J. | 36 | 7 7 9 | 31 41 | 1483 | 1754 |
| HeinzB12 HeinzB12 | S. Heinz, J. C. Beck | Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling | Yes | [402] | 2012 | CPAIOR 2012 | 17 | 8 7 12 | 21 28 | 631 | n/a |
| HeinzSSW12 HeinzSSW12 | S. Heinz, T. Schlechte, R. Stephan, M. Winkler | Solving steel mill slab design problems | Yes | [404] | 2012 | Constraints An Int. J. | 12 | 10 11 12 | 9 16 | 1484 | 1758 |
| HeinzS11 HeinzS11 | S. Heinz, J. Schulz | Explanations for the Cumulative Constraint: An Experimental Study | Yes | [405] | 2011 | SEA 2011 | 10 | 5 6 5 | 12 14 | 633 | n/a |
| BertholdHLMS10 BertholdHLMS10 | T. Berthold, S. Heinz, M. E. Lübbecke, R. H. Möhring, J. Schulz | A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling | Yes | [126] | 2010 | CPAIOR 2010 | 5 | 28 27 34 | 10 13 | 504 | n/a |

## D.56 6 Works by Brahim Hnich

Table 84: Works by Brahim Hnich (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GokgurHO18 GokgurHO18 | B. Gökgür, B. Hnich, S. Özpeynirci | Parallel machine scheduling with tool loading: a constraint programming approach | Yes | [349] | 2018 | International Journal of Production Research | 17 | 31 40 51 | 43 62 | 1457 | n/a |
| OzturkTHO15 OzturkTHO15 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | Cyclic scheduling of flexible mixed model assembly lines with parallel stations | Yes | [677] | 2015 | Journal of Manufacturing Systems | 12 | 27 28 31 | 17 32 | 1584 | n/a |
| OzturkTHO13 OzturkTHO13 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Balancing and scheduling of flexible mixed model assembly lines | Yes | [676] | 2013 | Constraints An Int. J. | 36 | 31 31 34 | 44 62 | 1583 | 1756 |
| OzturkTHO12 OzturkTHO12 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations | Yes | [674] | 2012 | IFAC Proceedings Volumes | 6 | 5 4 5 | 5 10 | 1582 | n/a |
| OzturkTHO10 OzturkTHO10 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times | Yes | [675] | 2010 | Electronic Notes in Discrete Mathematics | 8 | 15 15 17 | 1 3 | 1581 | n/a |
| RossiTHP07 RossiTHP07 | R. Rossi, A. Tarim, B. Hnich, S. D. Prestwich | Replenishment Planning for Stochastic Inventory Systems with Shortage Cost | Yes | [746] | 2007 | CPAIOR 2007 | 15 | 6 6 9 | 10 17 | 784 | n/a |

## D.57 6 Works by Juan M. Novas

Table 85: Works by Juan M. Novas (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Novas19 Novas19 | J. M. Novas | Production scheduling and lot streaming at flexible job-shops environments using constraint programming | Yes | [652] | 2019 | Computers Industrial Engineering | 13 | 30 35 43 | 29 40 | 1572 | n/a |
| NovaraNH16 NovaraNH16 | F. M. Novara, J. M. Novas, G. P. Henning | A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation | Yes | [651] | 2016 | Computers Chemical Engineering | 17 | 18 17 19 | 31 40 | 1571 | n/a |
| NovasH14 NovasH14 | J. M. Novas, G. P. Henning | Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming | Yes | [655] | 2014 | Expert Systems with Applications | 14 | 35 37 44 | 26 30 | 1575 | n/a |
| NovasH12 NovasH12 | J. M. Novas, G. P. Henning | A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations | Yes | [654] | 2012 | Computers Chemical Engineering | 17 | 17 17 22 | 15 23 | 1574 | n/a |
| ZeballosNH11 ZeballosNH11 | L. J. Zeballos, J. M. Novas, G. P. Henning | A CP formulation for scheduling multiproduct multistage batch plants | Yes | [917] | 2011 | Computers Chemical Engineering | 17 | 26 26 28 | 29 39 | 1665 | n/a |
| NovasH10 NovasH10 | J. M. Novas, G. P. Henning | Reactive scheduling framework based on domain knowledge and constraint programming | Yes | [653] | 2010 | Computers Chemical Engineering | 20 | 48 49 50 | 19 29 | 1573 | n/a |

## D.58 6 Works by Emmanuel Poder

Table 86: Works by Emmanuel Poder (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| abs-0907-0939 abs-0907-0939 | T. Petit, E. Poder | The Soft Cumulative Constraint | Yes | [696] | 2009 | CoRR | 12 | 0 0 0 | 0 0 | 1672 | n/a |
| BeldiceanuCP08 BeldiceanuCP08 | N. Beldiceanu, M. Carlsson, E. Poder | New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles | Yes | [110] | 2008 | CPAIOR 2008 | 15 | 8 8 18 | 9 13 | 494 | n/a |
| PoderB08 PoderB08 | E. Poder, N. Beldiceanu | Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production | Yes | [700] | 2008 | ICAPS 2008 | 8 | 0 0 0 | 0 0 | 765 | n/a |
| BeldiceanuP07 BeldiceanuP07 | N. Beldiceanu, E. Poder | A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production | Yes | [112] | 2007 | CPAIOR 2007 | 15 | 4 4 6 | 7 12 | 495 | n/a |
| PoderBS04 PoderBS04 | E. Poder, N. Beldiceanu, E. Sanlaville | Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption | Yes | [701] | 2004 | European Journal of Operational Research | 16 | 7 7 10 | 8 18 | 1591 | n/a |

## D.59 6 Works by Michael A. Trick

Table 87: Works by Michael A. Trick (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trick11 Trick11 | M. A. Trick | Sports Scheduling | No | [846] | 2011 | HYBRID OPTIMIZATION: THE TEN YEARS OF CPAIOR | 20 | 2 2 5 | 43 59 | No | n/a |
| RasmussenT09 RasmussenT09 | R. V. Rasmussen, M. A. Trick | The timetable constrained distance minimization problem | Yes | [725] | 2009 | Annals of Operations Research | 15 | 8 9 9 | 15 25 | 1599 | n/a |
| RasmussenT07 RasmussenT07 | R. V. Rasmussen, M. A. Trick | A Benders approach for the constrained minimum break problem | No | [724] | 2007 | European Journal of Operational Research | 16 | 60 62 71 | 16 27 | No | n/a |
| RasmussenT06 RasmussenT06 | R. V. Rasmussen, M. A. Trick | The Timetable Constrained Distance Minimization Problem | Yes | [723] | 2006 | CPAIOR 2006 | 15 | 10 12 19 | 14 16 | 775 | n/a |
| Trick03 Trick03 | M. A. Trick | Integer and constraint programming approaches for round-robin tournament scheduling | Yes | [845] | 2003 | PATAT 2003 | 15 | 22 24 39 | 15 25 | 831 | n/a |
| EastonNT02 EastonNT02 | K. Easton, G. L. Nemhauser, M. A. Trick | Solving the Travelling Tournament Problem: A Combined Integer Programming and Constraint Programming Approach | Yes | [262] | 2002 | PATAT 2002 | 13 | 48 50 0 | 8 11 | 569 | n/a |

## D.60 6 Works by Arslan Örnek

Table 88: Works by Arslan Örnek (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OrnekOS20 OrnekOS20 | A. Örnek, C. Öztürk, I. Sugut | Integer and constraint programming model formulations for flight-gate assignment problem | Yes | [669] | 2022 | Operational Research | 29 | 0 0 0 | 0 0 | 1580 | n/a |
| OrnekO16 OrnekO16 | A. Örnek, C. Öztürk | Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems | Yes | [668] | 2016 | International Journal of Industrial Engineering: Theory, Applications and Practice | 25 | 0 0 0 | 0 0 | 1579 | n/a |
| OzturkTHO15 OzturkTHO15 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | Cyclic scheduling of flexible mixed model assembly lines with parallel stations | Yes | [677] | 2015 | Journal of Manufacturing Systems | 12 | 27 28 31 | 17 32 | 1584 | n/a |
| OzturkTHO13 OzturkTHO13 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Balancing and scheduling of flexible mixed model assembly lines | Yes | [676] | 2013 | Constraints An Int. J. | 36 | 31 31 34 | 44 62 | 1583 | 1756 |
| OzturkTHO12 OzturkTHO12 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations | Yes | [674] | 2012 | IFAC Proceedings Volumes | 6 | 5 4 5 | 5 10 | 1582 | n/a |
| OzturkTHO10 OzturkTHO10 | Ç. Öztürk, S. Tunali, B. Hnich, A. Örnek | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times | Yes | [675] | 2010 | Electronic Notes in Discrete Mathematics | 8 | 15 15 17 | 1 3 | 1581 | n/a |

## D.61 5 Works by Hacı Mehmet Alakaş

Table 89: Works by Hacı Mehmet Alakaş (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AlakaP23 AlakaP23 | H. M. Alakaş, M. Pınarbaşı | Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models | Yes | [22] | 2023 | Soft Computing | 14 | 0 0 0 | 35 42 | 1359 | n/a |
| Alaka21 Alaka21 | H. M. Alakaş | General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models | Yes | [21] | 2021 | Soft Computing | 11 | 7 9 9 | 20 27 | 1358 | n/a |
| PinarbasiA20 PinarbasiA20 | M. Pınarbaşı, H. M. Alakaş | Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models | No | [715] | 2020 | Engineering Optimization | 18 | 7 9 11 | 32 36 | No | n/a |
| AlakaPY19 AlakaPY19 | H. M. Alakaş, M. Pınarbaşı, M. Yüzükırmızı | Constraint programming model for resource-constrained assembly line balancing problem | Yes | [23] | 2019 | Soft Computing | 9 | 15 17 0 | 14 23 | 1360 | n/a |
| GurEA19 GurEA19 | Şeyda Gür, T. Eren, H. M. Alakaş | Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study | Yes | [934] | 2019 | Mathematics | 24 | 19 21 19 | 30 49 | 1465 | n/a |

## D.62 5 Works by Mehmet A. Begen

Table 90: Works by Mehmet A. Begen (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| NaderiBZR23 NaderiBZR23 | B. Naderi, M. A. Begen, G. S. Zaric, V. Roshanaei | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | Yes | [632] | 2023 | Omega | 15 | 4 6 6 | 64 80 | 1562 | 1700 |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |
| NaderiBZ22a NaderiBZ22a | B. Naderi, M. A. Begen, G. S. Zaric | Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms | Yes | [631] | 2022 | Computers Operations Research | 19 | 3 4 4 | 44 54 | 1560 | n/a |
| NaderiRBAU21 NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | No | [636] | 2021 | Production and Operations Management | 28 | 22 23 23 | 61 66 | No | n/a |

## D.63 5 Works by Miquel Bofill

Table 91: Works by Miquel Bofill (Total 5)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCGGPSV23<br>BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| BofillCSV17<br>BofillCSV17 | M. Bofill, J. Coll, J. Suy, M. Villaret | An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources | Yes | [143] | 2017 | CP 2017 | 9 | 1 1 5 | 12 17 | 511 | n/a |
| BofillCSV17a<br>BofillCSV17a | M. Bofill, J. Coll, J. Suy, M. Villaret | Compact MDDs for Pseudo-Boolean Constraints with At-Most-One Relations in Resource-Constrained Scheduling Problems | Yes | [142] | 2017 | IJCAI 2017 | 8 | 6 7 0 | 0 0 | 512 | n/a |
| BofillGSV15<br>BofillGSV15 | M. Bofill, M. Garcia, J. Suy, M. Villaret | MaxSAT-Based Scheduling of B2B Meetings | Yes | [145] | 2015 | CPAIOR 2015 | 9 | 7 8 22 | 8 12 | 514 | n/a |
| BofillEGPSV14<br>BofillEGPSV14 | M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret | Scheduling B2B Meetings | Yes | [144] | 2014 | CP 2014 | 16 | 3 4 10 | 10 17 | 513 | n/a |

## D.64 5 Works by Kenneth N. Brown

Table 92: Works by Kenneth N. Brown (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| MurphyMB15 MurphyMB15 | S. Óg Murphy, O. Manzano, K. N. Brown | Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System | Yes | [625] | 2015 | CP 2015 | 17 | 1 3 6 | 20 26 | 738 | n/a |
| WuBB09 WuBB09 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints | Yes | [898] | 2009 | Computers Operations Research | 9 | 42 42 48 | 5 16 | 1655 | n/a |
| WuBB05 WuBB05 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with Uncertain Start Dates | Yes | [897] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 859 | n/a |

## D.65 5 Works by André A. Ciré

Table 93: Works by André A. Ciré (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CireCH16 CireCH16 | A. A. Ciré, E. Coban, J. N. Hooker | Logic-based Benders decomposition for planning and scheduling: a computational analysis | Yes | [210] | 2016 | The Knowledge Engineering Review | 12 | 15 17 13 | 21 30 | 1421 | n/a |
| CireCH13 CireCH13 | A. A. Ciré, E. Coban, J. N. Hooker | Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling | Yes | [209] | 2013 | CPAIOR 2013 | 7 | 3 3 13 | 23 28 | 547 | 954 |
| LopesCSM10 LopesCSM10 | T. M. T. Lopes, A. A. Ciré, C. C. de Souza, A. V. Moura | A hybrid model for a multiproduct pipeline planning and scheduling problem | Yes | [559] | 2010 | Constraints An Int. J. | 39 | 31 31 35 | 18 31 | 1533 | 1766 |
| MouraSCL08 MouraSCL08 | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Planning and Scheduling the Operation of a Very Large Oil Pipeline Network | Yes | [621] | 2008 | CP 2008 | 16 | 11 11 22 | 10 14 | 735 | n/a |
| MouraSCL08a MouraSCL08a | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem | Yes | [620] | 2008 | CSE 2008 | 8 | 5 5 10 | 14 21 | 736 | n/a |

## D.66 5 Works by Cyrille Dejemeppe

Table 94: Works by Cyrille Dejemeppe (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CauwelaertDS20 CauwelaertDS20 | S. V. Cauwelaert, C. Dejemeppe, P. Schaus | An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities | Yes | [197] | 2020 | Journal of Scheduling | 19 | 2 2 2 | 21 36 | 1418 | 1723 |
| CauwelaertDMS16 CauwelaertDMS16 | S. V. Cauwelaert, C. Dejemeppe, J.-N. Monette, P. Schaus | Efficient Filtering for the Unary Resource with Family-Based Transition Times | Yes | [194] | 2016 | CP 2016 | 16 | 1 1 2 | 12 20 | 537 | 945 |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| DejemeppeCS15 DejemeppeCS15 | C. Dejemeppe, S. V. Cauwelaert, P. Schaus | The Unary Resource with Transition Times | Yes | [239] | 2015 | CP 2015 | 16 | 5 5 8 | 11 21 | 557 | 947 |
| DejemeppeD14 DejemeppeD14 | C. Dejemeppe, Y. Deville | Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling | Yes | [240] | 2014 | CPAIOR 2014 | 9 | 0 0 0 | 7 8 | 558 | 952 |

## D.67 5 Works by Sophie Demassey

Table 95: Works by Sophie Demassey (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| HermenierDL11 HermenierDL11 | F. Hermenier, S. Demassey, X. Lorca | Bin Repacking Scheduling in Virtualized Datacenters | Yes | [415] | 2011 | CP 2011 | 15 | 28 26 40 | 5 9 | 636 | n/a |
| NeronABCDD06 NeronABCDD06 | E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie | Lower Bounds for Resource Constrained Project Scheduling Problem | No | [660] | 2006 | Perspectives in Modern Project Scheduling | 38 | 3 3 0 | 34 49 | No | n/a |
| DemasseyAM05 DemasseyAM05 | S. Demassey, C. Artigues, P. Michelon | Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem | Yes | [242] | 2005 | INFORMS Journal on Computing | 14 | 43 43 51 | 25 30 | 1430 | n/a |
| Demassey03 Demassey03 | S. Demassey | Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem) | Yes | [241] | 2003 | University of Avignon, France | 148 | 0 0 0 | 0 0 | 3154 | n/a |

## D.68 5 Works by Hanyu Gu

Table 96: Works by Hanyu Gu (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EtminaniesfahaniGNMS22 Etminaniesfahani-haniGNMS22 | A. Etminaniesfahani, H. Gu, L. M. Naeni, A. Salehipour | A Forward–Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem | Yes | [282] | 2022 | SN Computer Science | 10 | 0 1 2 | 57 66 | 1439 | n/a |
| GuSSWC14 GuSSWC14 | H. Gu, A. Schutt, P. J. Stuckey, M. G. Wallace, G. Chu | Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem | No | [369] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 20 | 5 6 7 | 35 39 | No | n/a |
| ThiruvadyWGS14 ThiruvadyWGS14 | D. R. Thiruvady, M. G. Wallace, H. Gu, A. Schutt | A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows | Yes | [826] | 2014 | J. Heuristics | 34 | 19 20 19 | 18 24 | 1636 | n/a |
| GuSS13 GuSS13 | H. Gu, A. Schutt, P. J. Stuckey | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | Yes | [368] | 2013 | CPAIOR 2013 | 7 | 10 10 14 | 24 25 | 622 | 955 |
| GuSW12 GuSW12 | H. Gu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value of Large Resource-Constrained Projects | Yes | [370] | 2012 | CP 2012 | 15 | 5 5 5 | 20 25 | 623 | n/a |

## D.69 5 Works by Willem-Jan van Hoeve

Table 97: Works by Willem-Jan van Hoeve (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HookerH17 HookerH17 | J. N. Hooker, W.-J. van Hoeve | Constraint programming and operations research | Yes | [436] | 2017 | Constraints An Int. J. | 24 | 12 13 10 | 189 255 | 1490 | n/a |
| GilesH16 GilesH16 | K. Giles, W.-J. van Hoeve | Solving a Supply-Delivery Scheduling Problem with Constraint Programming | Yes | [340] | 2016 | CP 2016 | 16 | 2 2 2 | 6 8 | 607 | n/a |
| GoelSHFS15 GoelSHFS15 | V. Goel, M. Slusky, W.-J. van Hoeve, K. C. Furman, Y. Shao | Constraint programming for LNG ship scheduling and inventory management | Yes | [346] | 2015 | European Journal of Operational Research | 12 | 48 53 54 | 4 8 | 1455 | n/a |
| HoeveGSL07 HoeveGSL07 | W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi | Optimal Multi-Agent Scheduling with Constraint Programming | Yes | [859] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 639 | n/a |
| GomesHS06 GomesHS06 | C. P. Gomes, W.-J. van Hoeve, B. Selman | Constraint Programming for Distributed Planning and Scheduling | Yes | [354] | 2006 | AAAI 2006 | 2 | 0 0 0 | 0 0 | 615 | n/a |

## D.70 5 Works by Mikael Johansson

Table 98: Works by Mikael Johansson (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Astrand0F21 Astrand0F21 | M. Åstrand, M. Johansson, H. R. Feyzmahdavian | Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS | Yes | [51] | 2021 | CPAIOR 2021 | 18 | 2 2 2 | 25 31 | 466 | 908 |
| AstrandJZ20 AstrandJZ20 | M. Åstrand, M. Johansson, A. Zanarini | Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search | Yes | [53] | 2020 | Computers Operations Research | 13 | 16 19 19 | 24 53 | 1369 | n/a |
| AstrandJZ18 AstrandJZ18 | M. Åstrand, M. Johansson, A. Zanarini | Fleet Scheduling in Underground Mines Using Constraint Programming | Yes | [52] | 2018 | CPAIOR 2018 | 9 | 9 9 14 | 10 14 | 467 | n/a |
| CarlssonJL17 CarlssonJL17 | M. Carlsson, M. Johansson, J. Larson | Scheduling double round-robin tournaments with divisional play using constraint programming | No | [189] | 2017 | European Journal of Operational Research | 11 | 10 11 12 | 14 42 | No | n/a |
| LarsonJC14 LarsonJC14 | J. Larson, M. Johansson, M. Carlsson | An Integrated Constraint Programming Approach to Scheduling Sports Leagues with Divisional and Round-Robin Tournaments | Yes | [519] | 2014 | CPAIOR 2014 | 15 | 1 2 4 | 16 21 | 688 | n/a |

## D.71 5 Works by Christos T. Maravelias

Table 99: Works by Christos T. Maravelias (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Adelgren2023 Adelgren2023 | N. Adelgren, C. T. Maravelias | On the utility of production scheduling formulations including record keeping variables | Yes | [11] | 2023 | Computers Industrial Engineering | 12 | 0 1 1 | 43 52 | 1354 | 1688 |
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| AggounMV08 AggounMV08 | A. Aggoun, C. T. Maravelias, A. Vazacopoulos | Mixed Integer Programming/Constraint Programming Hybrid Methods | No | [14] | 2008 | Encyclopedia of Optimization | 7 | 0 0 0 | 34 53 | No | n/a |
| MaraveliasCG04 MaraveliasCG04 | C. T. Maravelias, I. E. Grossmann | A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants | Yes | [585] | 2004 | Computers Chemical Engineering | 29 | 116 119 130 | 24 29 | 1540 | n/a |
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |

## D.72 5 Works by Laurent Michel

Table 100: Works by Laurent Michel (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TardivoDFMP23 TardivoDFMP23 | F. Tardivo, A. Dovier, A. Formisano, L. Michel, E. Pontelli | Constraint Propagation on GPU: A Case Study for the Cumulative Constraint | Yes | [815] | 2023 | CPAIOR 2023 | 18 | 0 0 0 | 30 48 | 814 | 887 |
| FontaineMH16 FontaineMH16 | D. Fontaine, L. Michel, P. V. Hentenryck | Parallel Composition of Scheduling Solvers | Yes | [302] | 2016 | CPAIOR 2016 | 11 | 3 3 3 | 0 0 | 583 | n/a |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| HentenryckM04 HentenryckM04 | P. V. Hentenryck, L. Michel | Scheduling Abstractions for Local Search | Yes | [411] | 2004 | CPAIOR 2004 | 16 | 12 12 16 | 14 21 | 634 | n/a |

## D.73 5 Works by Goldie Nejat

Table 101: Works by Goldie Nejat (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TranVNB17 TranVNB17 | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots | Yes | [841] | 2017 | J. Artif. Intell. Res. | 68 | 12 12 21 | 0 0 | 1642 | n/a |
| TranVNB17a TranVNB17a | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract) | Yes | [842] | 2017 | IJCAI 2017 | 5 | 1 1 0 | 0 0 | 829 | n/a |
| BoothNB16 BoothNB16 | K. E. C. Booth, G. Nejat, J. C. Beck | A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes | Yes | [155] | 2016 | CP 2016 | 17 | 21 21 32 | 24 31 | 523 | n/a |
| BoothTNB16 BoothTNB16 | K. E. C. Booth, T. T. Tran, G. Nejat, J. C. Beck | Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning | Yes | [156] | 2016 | IEEE Robotics and Automation Letters | 8 | 27 28 35 | 21 34 | 1406 | n/a |
| LouieVNB14 LouieVNB14 | W.-Y. G. Louie, T. S. Vaquero, G. Nejat, J. C. Beck | An autonomous assistive robot for planning, scheduling and facilitating multi-user activities | Yes | [562] | 2014 | ICRA 2014 | 7 | 16 16 28 | 9 21 | 712 | n/a |

## D.74 5 Works by Cédric Pralet

Table 102: Works by Cédric Pralet (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SquillaciPR23 SquillaciPR23 | S. Squillaci, C. Pralet, S. Roussel | Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches | Yes | [798] | 2023 | CPAIOR 2023 | 17 | 0 0 0 | 19 23 | 806 | 886 |
| PachecoPR19 PachecoPR19 | A. Pacheco, C. Pralet, S. Roussel | Constraint-Based Scheduling with Complex Setup Operations: An Iterative Two-Layer Approach | Yes | [678] | 2019 | IJCAI 2019 | 7 | 1 1 0 | 0 0 | 756 | n/a |
| Pralet17 Pralet17 | C. Pralet | An Incomplete Constraint-Based System for Scheduling with Renewable Resources | Yes | [708] | 2017 | CP 2017 | 19 | 1 1 2 | 30 37 | 769 | n/a |
| HebrardHJMPV16 HebrardHJMPV16 | E. Hebrard, M.-J. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie | Approximation of the parallel machine scheduling problem with additional unit resources | Yes | [397] | 2016 | Discrete Applied Mathematics | 10 | 9 10 12 | 8 8 | 1480 | n/a |
| PraletLJ15 PraletLJ15 | C. Pralet, S. Lemai-Chenevier, J. Jaubert | Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search | Yes | [709] | 2015 | CP 2015 | 16 | 0 0 0 | 8 11 | 770 | n/a |

## D.75 5 Works by Joaquin Rodriguez

Table 103: Works by Joaquin Rodriguez (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MarliereSPR23 MarliereSPR23 | G. Marlière, S. Sobieraj Richard, P. Pellegrini, J. Rodriguez | A conditional time-intervals formulation of the real-time Railway Traffic Management Problem | Yes | [587] | 2023 | Control Engineering Practice | 22 | 1 3 4 | 75 101 | 1541 | n/a |
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| Rodriguez07 Rodriguez07 | J. Rodriguez | A constraint programming model for real-time train scheduling at junctions | Yes | [737] | 2007 | Transportation Research Part B: Methodological | 15 | 117 121 141 | 6 14 | 1603 | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |
| RodriguezDG02 RodriguezDG02 | J. Rodriguez, X. Delorme, X. Gandibleux | Railway infrastructure saturation using constraint programming approach | Yes | [739] | 2002 | Computers in Railways VIII | 10 | 0 0 0 | 0 0 | 1604 | n/a |

## D.76 5 Works by Martino Ruggiero

Table 104: Works by Martino Ruggiero (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |
| RuggieroBBMA09 RuggieroBBMA09 | M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei | Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms | Yes | [748] | 2009 | IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. | 14 | 9 9 7 | 27 37 | 1609 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |

## D.77 5 Works by Miguel A. Salido

Table 105: Works by Miguel A. Salido (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BartakS11 BartakS11 | R. Barták, M. A. Salido | Constraint satisfaction for planning and scheduling problems | Yes | [78] | 2011 | Constraints An Int. J. | 5 | 17 18 21 | 3 7 | 1379 | 1761 |
| BartakSR10 BartakSR10 | R. Barták, M. A. Salido, F. Rossi | New trends in constraint satisfaction, planning, and scheduling: a survey | Yes | [79] | 2010 | Knowl. Eng. Rev. | 31 | 28 29 31 | 47 88 | 1381 | n/a |
| Salido10 Salido10 | M. A. Salido | Introduction to planning, scheduling and constraint satisfaction | Yes | [757] | 2010 | Journal of Intelligent Manufacturing | 4 | 22 22 17 | 1 3 | 1614 | n/a |
| BartakSR08 BartakSR08 | R. Barták, M. A. Salido, F. Rossi | Constraint satisfaction techniques in planning and scheduling | Yes | [83] | 2008 | Journal of Intelligent Manufacturing | 11 | 54 57 76 | 21 51 | 1380 | n/a |
| AbrilSB05 AbrilSB05 | M. Abril, M. A. Salido, F. Barber | Distributed Constraints for Large-Scale Scheduling Problems | Yes | [6] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 448 | n/a |

## D.78 5 Works by Mohamed Siala

Table 106: Works by Mohamed Siala (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| Siala15 Siala15 | M. Siala | Search, propagation, and learning in sequencing and scheduling problems | Yes | [783] | 2015 | Constraints An Int. J. | 2 | 4 3 0 | 0 0 | 1623 | 1751 |
| Siala15a Siala15a | M. Siala | Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquencement et d'ordonnancement) | Yes | [784] | 2015 | INSA Toulouse, France | 199 | 0 0 0 | 0 0 | 3173 | n/a |
| SialaAH15 SialaAH15 | M. Siala, C. Artigues, E. Hebrard | Two Clause Learning Approaches for Disjunctive Scheduling | Yes | [785] | 2015 | CP 2015 | 10 | 4 4 4 | 17 27 | 798 | 951 |

## D.79 5 Works by Josep Suy

Table 107: Works by Josep Suy (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCGGPSV23 BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| BofillCSV17 BofillCSV17 | M. Bofill, J. Coll, J. Suy, M. Villaret | An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources | Yes | [143] | 2017 | CP 2017 | 9 | 1 1 5 | 12 17 | 511 | n/a |
| BofillCSV17a BofillCSV17a | M. Bofill, J. Coll, J. Suy, M. Villaret | Compact MDDs for Pseudo-Boolean Constraints with At-Most-One Relations in Resource-Constrained Scheduling Problems | Yes | [142] | 2017 | IJCAI 2017 | 8 | 6 7 0 | 0 0 | 512 | n/a |
| BofillGSV15 BofillGSV15 | M. Bofill, M. Garcia, J. Suy, M. Villaret | MaxSAT-Based Scheduling of B2B Meetings | Yes | [145] | 2015 | CPAIOR 2015 | 9 | 7 8 22 | 8 12 | 514 | n/a |
| BofillEGPSV14 BofillEGPSV14 | M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret | Scheduling B2B Meetings | Yes | [144] | 2014 | CP 2014 | 16 | 3 4 10 | 10 17 | 513 | n/a |

## D.80 5 Works by Reza Tavakkoli-Moghaddam

Table 108: Works by Reza Tavakkoli-Moghaddam (Total 5)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Fatemi-AnarakiTFV23<br>Fatemi-AnarakiTFV23 | S. Fatemi-Anaraki, R. Tavakkoli-Moghaddam, M. Foumani, B. Vahedi-Nouri | Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches | Yes | [294] | 2023 | Omega | 15 | 7 14 16 | 60 66 | 1447 | 1692 |
| GhasemiMH23<br>GhasemiMH23 | S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid | Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method | No | [339] | 2023 | International Journal of Systems Science: Operations Logistics | null | 0 0 1 | 104 130 | No | n/a |
| Mehdizadeh-Somarin23<br>Mehdizadeh-Somarin23 | Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, B. V. Nouri | A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability | Yes | [592] | 2023 | APMS 2023 | 14 | 0 0 0 | 0 31 | 724 | 883 |
| NouriMHD23<br>NouriMHD23 | B. Vahedi-Nouri, R. Tavakkoli-Moghaddam, Z. Hanzálek, A. Dolgui | Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration | No | [852] | 2023 | International Journal of Production Research | 17 | 2 6 5 | 44 49 | No | n/a |
| MokhtarzadehTNF20<br>MokhtarzadehTNF20 | M. Mokhtarzadeh, R. Tavakkoli-Moghaddam, B. V. Nouri, A. Farsi | Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach | Yes | [613] | 2020 | Int. J. Comput. Integr. Manuf. | 14 | 25 29 30 | 32 34 | 1555 | n/a |

## D.81 5 Works by Mateu Villaret

Table 109: Works by Mateu Villaret (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCGGPSV23 BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| BofillCSV17 BofillCSV17 | M. Bofill, J. Coll, J. Suy, M. Villaret | An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources | Yes | [143] | 2017 | CP 2017 | 9 | 1 1 5 | 12 17 | 511 | n/a |
| BofillCSV17a BofillCSV17a | M. Bofill, J. Coll, J. Suy, M. Villaret | Compact MDDs for Pseudo-Boolean Constraints with At-Most-One Relations in Resource-Constrained Scheduling Problems | Yes | [142] | 2017 | IJCAI 2017 | 8 | 6 7 0 | 0 0 | 512 | n/a |
| BofillGSV15 BofillGSV15 | M. Bofill, M. Garcia, J. Suy, M. Villaret | MaxSAT-Based Scheduling of B2B Meetings | Yes | [145] | 2015 | CPAIOR 2015 | 9 | 7 8 22 | 8 12 | 514 | n/a |
| BofillEGPSV14 BofillEGPSV14 | M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret | Scheduling B2B Meetings | Yes | [144] | 2014 | CP 2014 | 16 | 3 4 10 | 10 17 | 513 | n/a |

## D.82 5 Works by Marek Vlk

Table 110: Works by Marek Vlk (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-2305-19888 abs-2305-19888 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | Yes | [408] | 2023 | CoRR | 42 | 0 0 0 | 0 0 | 1680 | 1705 |
| HeinzNVH22 HeinzNVH22 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | Yes | [407] | 2022 | Computers Industrial Engineering | 16 | 5 7 8 | 25 31 | 1482 | 1713 |
| VlkHT21 VlkHT21 | M. Vlk, Z. Hanzálek, S. Tang | Constraint programming approaches to joint routing and scheduling in time-sensitive networks | Yes | [873] | 2021 | Computers Industrial Engineering | 14 | 7 18 20 | 22 36 | 1648 | 1721 |
| BenediktSMVH18 BenediktSMVH18 | O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek | Energy-Aware Production Scheduling with Power-Saving Modes | Yes | [117] | 2018 | CPAIOR 2018 | 10 | 2 2 4 | 12 13 | 497 | 936 |
| BartakV15 BartakV15 | R. Barták, M. Vlk | Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints | Yes | [80] | 2015 | ICAART 2015 | 12 | 0 0 1 | 0 0 | 479 | n/a |

## D.83 5 Works by Nic Wilson

Table 111: Works by Nic Wilson (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |
| BeckW07 BeckW07 | J. C. Beck, N. Wilson | Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations | Yes | [102] | 2007 | J. Artif. Intell. Res. | 50 | 27 31 61 | 0 0 | 1389 | n/a |
| BeckW05 BeckW05 | J. C. Beck, N. Wilson | Proactive Algorithms for Scheduling with Probabilistic Durations | Yes | [101] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 490 | n/a |
| BeckW04 BeckW04 | J. C. Beck, N. Wilson | Job Shop Scheduling with Probabilistic Durations | Yes | [100] | 2004 | ECAI 2004 | 5 | 0 0 0 | 0 0 | 489 | n/a |

# E Other Works

## E.1 Books from bibtex

Table 112: BOOK (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ArtiguesDN08 ArtiguesDN08 | | Resource Constrained Project Scheduling | No | [43] | 2008 | Book | null | 63 0 0 | 0 0 | No | n/a |
| BaptistePN01 BaptistePN01 | P. Baptiste, C. L. Pape, W. Nuijten | Constraint-Based Scheduling | No | [70] | 2001 | Book | null | 296 302 0 | 0 0 | No | n/a |
| Hooker00 Hooker00 | J. N. Hooker | Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction | No | [421] | 2000 | Book | null | 185 186 0 | 0 0 | No | n/a |

## E.2 PhDThesis from bibtex

Table 113: THESIS (Total 28)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Astrand21 Astrand21 | M. Åstrand | Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming | Yes | [50] | 2021 | Royal Institute of Technology, Stockholm, Sweden | 142 | 0 0 0 | 0 0 | 3148 | n/a |
| Godet21a Godet21a | A. Godet | Sur le tri de tâches pour résoudre des problèmes d'ordonnancement avec la programmation par contraintes. (On the use of tasks ordering to solve scheduling problems with constraint programming) | Yes | [344] | 2021 | IMT Atlantique Bretagne Pays de la Loire, Brest, France | 168 | 0 0 0 | 0 0 | 3160 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Lemos21 Lemos21 | Alexandre Duarte de Almeida Lemos | Solving scheduling problems under disruptions | Yes | [524] | 2021 | UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO | 188 | 0 0 0 | 0 0 | 3164 | n/a |
| Zahout21 Zahout21 | B. Zahout | Algorithmes exacts et approchés pour l'ordonnancement des travaux multiressources à intervalles fixes dans des systèmes distribués : approche monocritère et multiagent | Yes | [909] | 2021 | Université de Tours - LIFAT | 185 | 0 0 0 | 0 0 | 3174 | n/a |
| Lunardi20 Lunardi20 | W. T. Lunardi | A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics | Yes | [568] | 2020 | University of Luxembourg, Luxembourg City, Luxembourg | 181 | 0 0 0 | 0 0 | 3167 | n/a |
| Arkhipov19 Arkhipov19 | D. Arkhipov | Planification socio-responsable du travail dans les chaînes de montage d'aéronefs : comment satisfaire à la fois objectifs ergonomiques et économiques | No | [36] | 2019 | Toulouse 3 | null | 0 0 0 | 0 0 | No | n/a |
| Caballero19 Caballero19 | J. C. Caballero | Scheduling Through Logic-Based Tools | Yes | [174] | 2019 | Universitat de Girona, Spain | 194 | 0 0 0 | 0 0 | 3151 | n/a |
| German18 German18 | G. German | Constraint programming for lot-sizing problems | Yes | [335] | 2018 | Université Grenoble Alpes | 112 | 0 0 0 | 0 0 | 3159 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Fahimi16 Fahimi16 | H. Fahimi | Efficient algorithms to solve scheduling problems with a variety of optimization criteria | Yes | [286] | 2016 | Université Laval, Quebec, Canada | 120 | 0 0 0 | 0 0 | 3157 | n/a |
| Froger16 Froger16 | A. Froger | Maintenance scheduling in the electricity industry : a particular focus on a problem rising in the onshore wind industry | Yes | [313] | 2016 | Université d'Angers | 181 | 0 0 0 | 0 0 | 3158 | n/a |
| Nattaf16 Nattaf16 | M. Nattaf | Ordonnancement sous contraintes d'énergie | Yes | [639] | 2016 | UPS Toulouse - Université Toulouse 3 Paul Sabatier | 199 | 0 0 0 | 0 0 | 3171 | n/a |
| Derrien15 Derrien15 | A. Derrien | Ordonnancement cumulatif en programmation par contraintes : caractérisation énergétique des raisonnements et solutions robustes. (Cumulative scheduling in constraint programming : energetic characterization of reasoning and robust solutions) | Yes | [244] | 2015 | École des mines de Nantes, France | 113 | 0 0 0 | 0 0 | 3155 | n/a |
| Siala15a Siala15a | M. Siala | Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquencement et d'ordonnancement) | Yes | [784] | 2015 | INSA Toulouse, France | 199 | 0 0 0 | 0 0 | 3173 | n/a |

Table 113: THESIS (Total 28)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kameugne14 Kameugne14 | R. Kameugne | Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif | Yes | [461] | 2014 | University of Yaounde I, Cameroon | 139 | 0 0 0 | 0 0 | 3162 | n/a |
| Letort13 Letort13 | A. Letort | Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources | Yes | [525] | 2013 | Ecole des Mines de Nantes | 132 | 0 0 0 | 0 0 | 3165 | n/a |
| Clercq12 Clercq12 | A. D. Clercq | Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions | Yes | [235] | 2012 | Ecole des Mines de Nantes | 196 | 0 0 0 | 0 0 | 3152 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Menana11 Menana11 | J. Menana | Automates et programmation par contraintes pour la planification de personnel. (Automata and Constraint Programming for Personnel Scheduling Problems) | Yes | [594] | 2011 | University of Nantes, France | 148 | 0 0 0 | 0 0 | 3170 | n/a |
| Schutt11 Schutt11 | A. Schutt | Improving Scheduling by Learning | Yes | [765] | 2011 | University of Melbourne, Australia | 209 | 0 0 0 | 0 0 | 3172 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| Malik08 Malik08 | A. M. Malik | Constraint Programming Techniques for Optimal Instruction Scheduling | Yes | [583] | 2008 | University of Waterloo, Ontario, Canada | 151 | 0 0 0 | 0 0 | 3169 | n/a |
| Demassey03 Demassey03 | S. Demassey | Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem) | Yes | [241] | 2003 | University of Avignon, France | 148 | 0 0 0 | 0 0 | 3154 | n/a |
| Elkhyari03 Elkhyari03 | A. Elkhyari | Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques | Yes | [271] | 2003 | Université de Nantes | 333 | 0 0 0 | 0 0 | 3156 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| Layfield02 Layfield02 | C. J. Layfield | A constraint programming pre-processor for duty scheduling | Yes | [522] | 2002 | University of Leeds, UK | 230 | 0 0 0 | 0 0 | 3163 | n/a |
| Beck99 Beck99 | J. C. Beck | Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling | Yes | [85] | 1999 | University of Toronto, Canada | 418 | 0 0 0 | 0 0 | 3150 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Astrand21 [50] | 142 | sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability | RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine | cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint | C++, Julia | Cplex, OPL, Gecode | satellite, agriculture, semiconductor, drone, robot | potash industry, mineral industry, mining industry, maritime industry, shipping industry | generated instance, benchmark, real-world, real-life | time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH | 3120 | n/a |
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |
| Beck99 [85] | 418 | due-date, COP, order, distributed, preempt, explanation, preemptive, CLP, CP, release-date, CSP, tardiness, activity, transportation, precedence, re-scheduling, resource, job, constraint optimization, stochastic, multi-agent, scheduling, inventory, machine, job-shop, constraint programming, task, constraint satisfaction, stock level, make-span, producer/consumer | single machine | cumulative, disjunctive, Disjunctive constraint, circuit | Prolog, C++ | Ilog Solver, CHIP, Ilog Scheduler, OPL | telescope, evacuation, robot, medical | | real-world, benchmark | column generation, not-last, edge-finding, simulated annealing, machine learning, meta heuristic, not-first, genetic algorithm | 3147 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Caballero19 [174] | 194 | machine, setup-time, preempt, CP, periodic, constraint satisfaction, order, distributed, cmax, scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, release-date, make-span, preemptive, completion-time | psplib, Resource-constrained Project Scheduling Problem, RCPSP | circuit, Cardinality constraint, cycle, Arithmetic constraint, cumulative, alldifferent | C++ | MiniZinc, SCIP, CHIP, Z3, CPO, Chuffed, OPL | | | real-life, benchmark, instance generator | lazy clause generation, energetic reasoning, timetabling, meta heuristic, edge-finding, bi-partite matching, GRASP, conflict-driven clause learning | 3127 | n/a |
| Clercq12 [235] | 196 | task, CSP, manpower, activity, job-shop, CP, make-span, explanation, constraint optimization, resource, COP, due-date, order, machine, job, CLP, scheduling, constraint programming, constraint satisfaction | psplib | Cumulatives constraint, alldifferent, circuit, SoftCumulative, cumulative, disjunctive, SoftCumulativeSum | Prolog | Choco Solver, Gecode, ECLiPSe, SICStus, CHIP | patient | | benchmark | energetic reasoning, sweep, not-first, not-last, edge-finding, time-tabling | 3137 | n/a |
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |
| Demassey03 [241] | 148 | job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, CLP, single-machine scheduling, open-shop, order, constraint logic programming, scheduling, preempt, task, machine, constraint satisfaction, Logic-Based Benders Decomposition, preemptive, job-shop, activity, flow-shop, CP, resource | single machine, Resource-constrained Project Scheduling Problem, CuSP, psplib, TCSP, RCPSP | circuit, cumulative, disjunctive, cycle | C++ | Ilog Solver, Cplex, Claire | tournament, travelling tournament problem | | benchmark | column generation, not-last, meta heuristic, edge-finding, time-tabling, not-first, Lagrangian relaxation | 3143 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Derrien15 [244] | 113 | scheduling, precedence, make-span, task, COP, preemptive, CSP, CP, machine, stochastic, constraint programming, constraint optimization, open-shop, order, activity, job-shop, resource, job, constraint satisfaction, preempt | psplib, CuSP | cumulative, alldifferent, Disjunctive constraint, circuit, disjunctive | | Claire, Choco Solver | robot | | benchmark | edge-finding, sweep, time-tabling, energetic reasoning | 3133 | n/a |
| Elkhyari03 [271] | 333 | periodic, preemptive, job-shop, activity, flow-shop, explanation, CP, open-shop, order, breakdown, re-scheduling, reactive scheduling, job, constraint programming, CSP, precedence, release-date, scheduling, task, CLP, machine, make-span, cmax, tardiness, COP, constraint logic programming, preempt, constraint satisfaction, resource | RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Temporal Constraint Satisfaction Problem, single machine, CuSP | cycle, cumulative, disjunctive | | CPO, Choco Solver, Claire | airport | | benchmark, Roadef | meta heuristic, time-tabling, mat heuristic, genetic algorithm | 3144 | n/a |
| Fahimi16 [286] | 120 | reactive scheduling, completion-time, flow-shop, constraint satisfaction, task, open-shop, stochastic, CSP, periodic, activity, job-shop, CP, Logic-Based Benders Decomposition, constraint logic programming, preempt, precedence, batch process, setup-time, due-date, preemptive, order, make-span, machine, job, resource, lateness, transportation, sequence dependent setup, tardiness, scheduling, constraint programming, Benders Decomposition | single machine, CuSP, parallel machine, RCPSP | Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive | Java, C++ | Choco Solver, Ilog Scheduler, Gecode, CHIP | airport, aircraft | | benchmark, random instance, Roadef, real-world | time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow | 3130 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Froger16 [313] | 181 | constraint logic programming, preempt, distributed, resource, COP, inventory, batch process, re-scheduling, preemptive, order, sustainability, completion-time, machine, job, release-date, transportation, unavailability, breakdown, scheduling, multi-objective, constraint programming, Benders Decomposition, reactive scheduling, constraint satisfaction, task, stochastic, manpower, Pareto, CP, Logic-Based Benders Decomposition, explanation | single machine, CuSP, TMS | cumulative, disjunctive, cycle | Java | Gurobi, OZ, Choco Solver | maintenance scheduling, satellite, tournament, train schedule, energy-price, offshore | wind industry, power industry, electricity industry, energy industry | real-life, real-world, industrial partner, instance generator, benchmark, Roadef, generated instance | genetic algorithm, neural network, simulated annealing, max-flow, mat heuristic, meta heuristic, ant colony, particle swarm, large neighborhood search, Lagrangian relaxation, column generation | 3131 | n/a |
| German18 [335] | 112 | CSP, setup-time, activity, CP, explanation, earliness, machine, resource, COP, cmax, order, scheduling, constraint satisfaction, stock level, job, task, stochastic, constraint programming, job-shop, inventory | | Disjunctive constraint, cumulative, disjunctive, Cardinality constraint, bin-packing, Balance constraint, Among constraint | Prolog | SICStus, Cplex, Z3, OPL, Choco Solver | nurse | | real-life, real-world, benchmark, CSPlib, generated instance | | 3128 | n/a |
| Godet21a [344] | 168 | activity, CP, make-span, explanation, machine, distributed, resource, COP, lateness, precedence, cmax, due-date, preemptive, order, scheduling, Benders Decomposition, completion-time, constraint satisfaction, job, task, open-shop, release-date, transportation, periodic, constraint programming, job-shop, flow-shop, constraint optimization, preempt, CSP | PMSP, Resource-constrained Project Scheduling Problem, single machine, RCPSP, parallel machine, JSSP, psplib | cycle, AllDiff constraint, cumulative, Element constraint, Cardinality constraint, bin-packing, GeneralizedAllDiffPrec, BinPacking constraint, disjunctive, AllDiffPrec constraint, Disjunctive constraint, alldifferent | | Claire, Chuffed, MiniZinc, CHIP, OR-Tools, OPL, Choco Solver | maintenance scheduling, satellite, robot, railway | electricity industry | real-life, github, benchmark, random instance, generated instance | meta heuristic, edge-finding, sweep, lazy clause generation, time-tabling | 3121 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Kameugne14 [461] | 139 | constraint satisfaction, resource, preemptive, job-shop, flow-shop, completion-time, CP, order, job, constraint programming, CSP, scheduling, task, CLP, machine, make-span, preempt | RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, CuSP, psplib | Cumulatives constraint, Balance constraint, circuit, Disjunctive constraint, cumulative, disjunctive | C++, Java, Prolog | Claire, ECLiPSe, SICStus, Cplex, Mistral, Choco Solver, Gecode, CHIP | | | Roadef | not-last, edge-finder, energetic reasoning, timetabling, not-first, edge-finding | 3135 | n/a |
| Layfield02 [522] | 230 | CP | | | C | OPL, OZ, Z3 | | | | | 3146 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lemos21 [524] | 188 | transportation, CSP, machine, COP, distributed, unavailability, constraint satisfaction, bi-objective, job, order, energy efficiency, constraint optimization, scheduling, CP, precedence, job-shop, constraint programming, explanation, multi-objective, re-scheduling, multi-agent, constraint logic programming, task, stochastic, periodic, Pareto, resource | RCPSP | alldifferent, cumulative, Cardinality constraint, cycle | C++, Python, Java | Cplex, OPL, Gurobi | surgery, COVID, train schedule, tournament, crew-scheduling, railway, meeting scheduling, high school timetabling, medical | railway industry | github, real-life, Roadef, real-world, benchmark | time-tabling, large neighborhood search, reinforcement learning, conflict-driven clause learning, machine learning, simulated annealing, meta heuristic, GRASP, genetic algorithm, evolutionary computing | 3123 | n/a |
| Letort13 [525] | 132 | constraint programming, job-shop, CP, CSP, machine, resource, precedence, cmax, order, CLP, scheduling, constraint satisfaction, job, task | psplib | bin-packing, alldifferent, Cumulatives constraint, cumulative, geost, disjunctive | Java, Prolog | Choco Solver, SICStus, Claire, CHIP | datacenter, steel mill | | CSPlib, Roadef, benchmark | energetic reasoning, sweep, not-last, edge-finding, meta heuristic, not-first, time-tabling, large neighborhood search | 3136 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lombardi10 [548] | 175 | re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency | single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit | C | Ilog Solver, OPL, Cplex | pipeline, aircraft, semiconductor, business process, medical, automotive | semiconductor industry | generated instance, benchmark, instance generator, real-life, real-world | large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation | 3141 | n/a |
| Lunardi20 [568] | 181 | reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness | parallel machine, FJS, single machine | cycle, endBeforeStart, noOverlap, alldifferent, disjunctive | Python | CPO, OPL, Cplex | high performance computing, robot, airport, tournament | printing industry, glass industry | industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance | particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning | 3125 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malapert11 [578] | 194 | tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date | Open Shop Scheduling Problem, single machine | diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint | C++, Java, Prolog | Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL | robot, semiconductor, rectangle-packing, maintenance scheduling, patient | | real-world, industrial partner, generated instance, benchmark | edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep | 3138 | n/a |
| Malik08 [583] | 151 | scheduling, CP, constraint programming, completion-time, CSP, breakdown, task, resource, make-span, cyclic scheduling, order, machine, activity, distributed, precedence, constraint satisfaction, job | | alldifferent, Cardinality constraint, cycle | | | pipeline | | benchmark, real-life | edge-finding, machine learning | 3142 | n/a |
| Menana11 [594] | 148 | CSP, manpower, activity, CP, distributed, resource, cyclic scheduling, precedence, CLP, scheduling, machine, task, multi-objective, constraint programming, constraint satisfaction, constraint optimization | | alldifferent, Regular constraint, Cardinality constraint | Prolog | Claire, Z3, CHIP, OPL, Choco Solver | nurse | | Roadef, github, benchmark | meta heuristic, large neighborhood search, Lagrangian relaxation, timetabling, genetic algorithm, column generation | 3139 | n/a |
| Nattaf16 [639] | 199 | inventory, CSP, setup-time, make-span, machine, resource, cmax, due-date, preemptive, order, tardiness, scheduling, flow-shop, constraint satisfaction, job, task, constraint programming, job-shop, CP, bi-objective, preempt | CECSP, psplib, RCPSP, Resource-constrained Project Scheduling Problem, single machine, CuSP, parallel machine | cumulative, disjunctive, alldifferent | C++ | Claire, Cplex | maintenance scheduling, robot | process industry | Roadef | genetic algorithm, column generation, edge-finding, mat heuristic, energetic reasoning, sweep | 3132 | n/a |

Table 114: Automatically Extracted THESIS Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Schutt11 [765] | 209 | constraint logic programming, resource, precedence, cmax, preemptive, order, tardiness, CLP, scheduling, completion-time, machine, job, task, open-shop, one-machine scheduling, release-date, constraint programming, job-shop, constraint satisfaction, preempt, CSP, setup-time, periodic, activity, CP, make-span, explanation | Resource-constrained Project Scheduling Problem, RCPSP, Open Shop Scheduling Problem, psplib | UTVPI constraint, cumulative, circuit, Element constraint, geost, disjunctive, Arithmetic constraint, bin-packing, Reified constraint, Disjunctive constraint, alldifferent, cycle | C++, Prolog | SICStus, Ilog Scheduler, SCIP, ECLiPSe, CHIP, Ilog Solver | rectangle-packing | carpet industry | real-world, industrial instance, instance generator, benchmark | meta heuristic, not-first, simulated annealing, edge-finding, sweep, ant colony, lazy clause generation, edge-finder, time-tabling, energetic reasoning, not-last | 3140 | n/a |
| Siala15a [784] | 199 | constraint programming, job-shop, CP, explanation, earliness, constraint logic programming, COP, CSP, setup-time, activity, make-span, machine, job, resource, precedence, cmax, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, constraint satisfaction, task, open-shop, periodic | OSP, RCPSP, single machine, TMS | Among constraint, AmongSeq constraint, At-most constraint, Disjunctive constraint, GCC constraint, CardPath, AtMostSeqCard, AtMostSeq, table constraint, Balance constraint, cumulative, circuit, disjunctive, Regular constraint, Cardinality constraint, MultiAtMostSeqCard, Reified constraint, alldifferent, cycle | | Ilog Solver, Mistral, Claire, CHIP, OPL | rectangle-packing, automotive | | Roadef, real-world, github, benchmark, random instance, CSPlib | evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, time-tabling, large neighborhood search, ant colony, GRASP | 3134 | n/a |
| Zahout21 [909] | 185 | completion-time, machine, job, online scheduling, release-date, multi-agent, energy efficiency, multi-objective, constraint programming, job-shop, flow-shop, bi-objective, preempt, task, CSP, activity, Pareto, CP, make-span, distributed, resource, precedence, due-date, re-scheduling, preemptive, scheduling | CuSP, RCPSP, TCSP, single machine, parallel machine, SCC | bin-packing, cycle, cumulative, circuit | | CPO, Cplex, Claire | datacenter, business process, high performance computing, crew-scheduling, satellite | | benchmark | meta heuristic, reinforcement learning, GRASP, column generation, genetic algorithm | 3124 | n/a |

## E.3 InBook from bibtex

Table 115: INBOOK (Total 17)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SchuttFSW15 SchuttFSW15 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | A Satisfiability Solving Approach | No | [773] | 2015 | Handbook on Project Management and Scheduling Vol.1 | 26 | 3 4 6 | 28 41 | No | n/a |
| CestaOPS14 CestaOPS14 | A. Cesta, A. Oddi, N. Policella, S. F. Smith | A Precedence Constraint Posting Approach | No | [198] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 21 | 2 2 3 | 17 40 | No | n/a |
| GuSSWC14 GuSSWC14 | H. Gu, A. Schutt, P. J. Stuckey, M. G. Wallace, G. Chu | Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem | No | [369] | 2014 | Handbook on Project Management and Scheduling Vol.1 | 20 | 5 6 7 | 35 39 | No | n/a |
| Milano11 Milano11 | M. Milano | Constraint Programming Links with Math Programming | No | [606] | 2011 | Wiley Encyclopedia of Operations Research and Management Science | null | 0 0 0 | 28 65 | No | n/a |
| CastroGR10 CastroGR10 | P. M. Castro, I. E. Grossmann, L.-M. Rousseau | Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems | No | [192] | 2010 | Hybrid Optimization | 33 | 0 0 4 | 67 88 | No | n/a |
| Hooker10 Hooker10 | J. N. Hooker | Hybrid Modeling | No | [430] | 2010 | Hybrid Optimization | 52 | 9 9 12 | 39 65 | No | n/a |
| GongLMW09 GongLMW09 | J. Gong, E. E. Lee, J. E. Mitchell, W. A. Wallace | Logic-based MultiObjective Optimization for Restoration Planning | No | [356] | 2009 | Optimization and Logistics Challenges in the Enterprise | 20 | 14 14 30 | 13 20 | No | n/a |
| AggounMV08 AggounMV08 | A. Aggoun, C. T. Maravelias, A. Vazacopoulos | Mixed Integer Programming/Constraint Programming Hybrid Methods | No | [14] | 2008 | Encyclopedia of Optimization | 7 | 0 0 0 | 34 53 | No | n/a |
| Hooker06a Hooker06a | J. N. Hooker | Operations Research Methods in Constraint Programming | No | [428] | 2006 | Foundations of Artificial Intelligence | 44 | 11 11 13 | 44 133 | No | n/a |
| NeronABCDD06 NeronABCDD06 | E. Néron, C. Artigues, P. Baptiste, J. Carlier, J. Damay, S. Demassey, P. Laborie | Lower Bounds for Resource Constrained Project Scheduling Problem | No | [660] | 2006 | Perspectives in Modern Project Scheduling | 38 | 3 3 0 | 34 49 | No | n/a |
| WolfS05a WolfS05a | A. Wolf, H. Schlenker | Realising the Alternative Resources Constraint | Yes | [893] | 2005 | Applications of Declarative Programming and Knowledge Management | 15 | 5 5 5 | 6 8 | ?? | n/a |
| AggounV04 AggounV04 | A. Aggoun, A. Vazacopoulos | Solving Sports Scheduling and Timetabling Problems with Constraint Programming | No | [15] | 2004 | Economics, Management and Optimization in Sports | 22 | 7 7 0 | 4 18 | No | n/a |
| AjiliW04 AjiliW04 | F. Ajili, M. G. Wallace | Hybrid Problem Solving in ECLiPSe | No | [18] | 2004 | Constraint and Integer Programming | 38 | 4 4 0 | 24 42 | No | n/a |
| DannaP04 DannaP04 | E. Danna, C. L. Pape | Two Generic Schemes for Efficient and Robust Cooperative Algorithms | No | [225] | 2004 | Constraints and Integer Programming | 25 | 2 2 0 | 34 63 | No | n/a |
| DomdorfPH03 DomdorfPH03 | U. Domdorf, E. Pesch, T. P. Huy | Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling | No | [254] | 2003 | Advances in Evolutionary Computing | 26 | 0 0 0 | 57 96 | No | n/a |
| Rgin2001 Rgin2001 | J.-C. Régin | Minimization of the number of breaks in sports scheduling problems using constraint programming | No | [750] | 2001 | DIMACS Series in Discrete Mathematics and Theoretical Computer Science | 16 | 28 29 0 | 0 0 | No | n/a |

Table 115: INBOOK (Total 17)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DorndorfHP99<br>DorndorfHP99 | U. Dorndorf, T. P. Huy, E. Pesch | A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling | No | [256] | 1999 | Project Scheduling | 26 | 18 18 0 | 20 40 | No | n/a |

## E.4 InCollection from bibtex

Table 116: INCOLLECTION (Total 10)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BlazewiczEP19 BlazewiczEP19 | J. Blazewicz, K. H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz | Constraint Programming and Disjunctive Scheduling | No | [133] | 2019 | Handbook on Scheduling | 62 | 38 38 0 | 0 0 | No | n/a |
| Hooker19 Hooker19 | J. N. Hooker | Logic-Based Benders Decomposition for Large-Scale Optimization | Yes | [432] | 2019 | Large Scale Optimization in Supply Chains and Smart Manufacturing | 26 | 8 10 17 | 0 130 | 3202 | n/a |
| HurleyOS16 HurleyOS16 | B. Hurley, B. O'Sullivan, H. Simonis | ICON Loop Energy Show Case | Yes | [442] | 2016 | Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach | 14 | 0 0 0 | 16 20 | 3203 | n/a |
| Bartak14 Bartak14 | R. Barták | Planning and Scheduling | No | [76] | 2014 | Computing Handbook, Third Edition: Computer Science and Software Engineering | null | 0 0 0 | 0 0 | No | n/a |
| Trick11 Trick11 | M. A. Trick | Sports Scheduling | No | [846] | 2011 | HYBRID OPTIMIZATION: THE TEN YEARS OF CPAIOR | 20 | 2 2 5 | 43 59 | No | n/a |
| BriandHHL08 BriandHHL08 | C. Briand, M.-J. Huguet, H. T. La, P. Lopez | Constraint-based Approaches for Robust Scheduling | No | [165] | 2008 | Flexibility and Robustness in Scheduling | 28 | 1 1 1 | 22 51 | No | n/a |
| EsquirolLH2008 EsquirolLH2008 | P. Esquirol, P. Lopez, M.-J. Huguet | Constraint Propagation and Scheduling | No | [281] | 2008 | Production Scheduling | 36 | 0 0 0 | 28 60 | No | n/a |
| BaptisteLPN06 BaptisteLPN06 | P. Baptiste, P. Laborie, C. L. Pape, W. Nuijten | Constraint-Based Scheduling and Planning | No | [65] | 2006 | Handbook of Constraint Programming | 39 | 30 30 34 | 25 78 | No | n/a |
| KanetAG04 KanetAG04 | J. J. Kanet, S. Ahire, M. F. Gorman | Constraint Programming for Scheduling | Yes | [468] | 2004 | Handbook of Scheduling - Algorithms, Models, and Performance Analysis | 22 | 0 0 0 | 0 0 | 3204 | n/a |
| BreitingerL95 BreitingerL95 | S. Breitinger, H. C. R. Lock | Using Constraint Logic Programming for Industrial Scheduling Problems | No | [164] | 1995 | Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence | 27 | 0 0 0 | 0 0 | No | n/a |

Table 117: Automatically Extracted INCOLLECTION Features (Requires Local Copy)

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker19 [432] | 26 | constraint satisfaction, machine, job, task, one-machine scheduling, release-date, transportation, stochastic, constraint programming, job-shop, Logic-Based Benders Decomposition, constraint optimization, inventory, activity, CP, make-span, explanation, single-machine scheduling, constraint logic programming, distributed, resource, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, multi-objective, Benders Decomposition | single machine, parallel machine | disjunctive, cycle, cumulative, circuit | | OPL, MiniZinc | tournament, container terminal, yard crane, operating room, sports scheduling, railway, maintenance scheduling, satellite, torpedo, round-robin, patient, aircraft | | industrial instance | mat heuristic, large neighborhood search, timetabling, column generation, quadratic programming, meta heuristic | 3193 | n/a |
| HurleyOS16 [442] | 14 | resource, constraint programming, CP, order, re-scheduling, scheduling, task, machine, distributed | | cumulative | | | datacentre, airport, energy-price, supercomputer, high performance computing | | real-world, benchmark | machine learning | 3194 | n/a |
| KanetAG04 [468] | 22 | scheduling, precedence, make-span, tardiness, task, COP, earliness, CSP, due-date, CP, machine, inventory, constraint programming, transportation, CLP, order, completion-time, activity, job-shop, resource, constraint logic programming, job, constraint satisfaction, setup-time, single-machine scheduling | single machine, parallel machine | alldifferent, Disjunctive constraint, disjunctive | | ECLiPSe, Cplex, Ilog Solver, OPL | tournament, high school timetabling, patient, round-robin | | | timetabling, meta heuristic | 3200 | n/a |

# F Papers by Conference Series

## F.1 AAAI

Table 118: Papers in Conference Series AAAI (Total 51) (Total 51)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FalqueALM24 FalqueALM24 | T. Falque, G. Audemard, C. Lecoutre, B. Mazure | Check-In Desk Scheduling Optimisation at CDG International Airport | Yes | [291] | 2024 | AAAI 2024 | 9 | 0 0 0 | 0 0 | 580 | 873 |
| LiLZDZW24 LiLZDZW24 | L. Li, S. Liang, Z. Zhu, C. Ding, H. Zha, B. Wu | Learning to Optimize Permutation Flow Shop Scheduling via Graph-Based Imitation Learning | Yes | [530] | 2024 | AAAI 2024 | 9 | 0 0 0 | 0 0 | 694 | 874 |
| KotaryFH22 KotaryFH22 | J. Kotary, F. Fioretto, P. V. Hentenryck | Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method | Yes | [490] | 2022 | AAAI 2022 | 8 | 0 2 0 | 0 0 | 672 | 895 |
| GeibingerMM21 GeibingerMM21 | T. Geibinger, F. Mischek, N. Musliu | Constraint Logic Programming for Real-World Test Laboratory Scheduling | Yes | [331] | 2021 | AAAI 2021 | 9 | 0 1 0 | 0 0 | 602 | 911 |
| KletzanderMH21 KletzanderMH21 | L. Kletzander, N. Musliu, P. V. Hentenryck | Branch and Price for Bus Driver Scheduling with Complex Break Constraints | Yes | [482] | 2021 | AAAI 2021 | 9 | 2 2 0 | 0 0 | 669 | n/a |
| GodetLHS20 GodetLHS20 | A. Godet, X. Lorca, E. Hebrard, G. Simonin | Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources | Yes | [345] | 2020 | AAAI 2020 | 8 | 1 1 0 | 0 0 | 611 | 919 |
| AgussurjaKL18 AgussurjaKL18 | L. Agussurja, A. Kumar, H. C. Lau | Resource-Constrained Scheduling for Maritime Traffic Management | Yes | [17] | 2018 | AAAI 2018 | 8 | 4 4 0 | 0 0 | 451 | n/a |
| KinsellaS0OS16 KinsellaS0OS16 | A. Kinsella, A. F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis | Optimizing Energy Costs in a Zinc and Lead Mine | Yes | [477] | 2016 | AAAI 2016 | 6 | 1 2 0 | 0 0 | 665 | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| LimBTBB15a LimBTBB15a | B. Lim, M. van den Briel, S. Thiébaux, S. Backhaus, R. Bent | HVAC-Aware Occupancy Scheduling | Yes | [536] | 2015 | AAAI 2015 | 8 | 3 3 0 | 0 0 | 697 | n/a |
| ChunS14 ChunS14 | A. H. W. Chun, T. Y. T. Suen | Engineering Works Scheduling for Hong Kong's Rail Network | Yes | [207] | 2014 | AAAI 2014 | 8 | 3 3 0 | 0 0 | 546 | n/a |
| LudwigKRBMS14 LudwigKRBMS14 | J. Ludwig, A. Kalton, R. Richards, B. Bautsch, C. Markusic, J. Schumacher | A Schedule Optimization Tool for Destructive and Non-Destructive Vehicle Tests | Yes | [566] | 2014 | AAAI 2014 | 6 | 1 1 0 | 0 0 | 714 | n/a |
| DoRZ08 DoRZ08 | M. B. Do, W. Ruml, R. Zhou | On-line Planning and Scheduling: An Application to Controlling Modular Printers | Yes | [253] | 2008 | AAAI 2008 | 5 | 0 0 0 | 0 0 | 565 | n/a |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |
| ElhouraniDM07 ElhouraniDM07 | T. Elhourani, N. Denny, M. M. Marefat | A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem | Yes | [270] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 572 | n/a |
| HoeveGSL07 HoeveGSL07 | W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi | Optimal Multi-Agent Scheduling with Constraint Programming | Yes | [859] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 639 | n/a |
| GomesHS06 GomesHS06 | C. P. Gomes, W.-J. van Hoeve, B. Selman | Constraint Programming for Distributed Planning and Scheduling | Yes | [354] | 2006 | AAAI 2006 | 2 | 0 0 0 | 0 0 | 615 | n/a |
| Johnston05 Johnston05 | B. J. Clement, M. D. Johnston | The Deep Space Network Scheduling Problem | Yes | [212] | 2005 | AAAI 2005 | 7 | 0 0 0 | 0 0 | 651 | n/a |
| MoffittPP05 MoffittPP05 | M. D. Moffitt, B. Peintner, M. E. Pollack | Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints | Yes | [612] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 730 | n/a |
| PolicellaWSO05 PolicellaWSO05 | N. Policella, X. Wang, S. F. Smith, A. Oddi | Exploiting Temporal Flexibility to Obtain High Quality Schedules | Yes | [703] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 766 | n/a |
| BarbulescuWH04 BarbulescuWH04 | L. Barbulescu, L. D. Whitley, A. E. Howe | Leap Before You Look: An Effective Strategy in an Oversubscribed Scheduling Problem | Yes | [72] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 475 | n/a |
| DilkinaH04 DilkinaH04 | B. N. Dilkina, W. S. Havens | The U.S. National Football League Scheduling Problem | Yes | [249] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 563 | n/a |

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| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GlobusCLP04 GlobusCLP04 | A. Globus, J. Crawford, J. D. Lohn, A. Pryor | A Comparison of Techniques for Scheduling Earth Observing Satellites | Yes | [342] | 2004 | AAAI 2004 | 8 | 0 0 0 | 0 0 | 609 | n/a |
| FukunagaHFAMN02 FukunagaHFAMN02 | A. S. Fukunaga, E. Hamilton, J. Fama, D. Andre, O. Matan, I. R. Nourbakhsh | Staff Scheduling for Inbound Call Centers and Customer Contact Centers | Yes | [316] | 2002 | AAAI 2002 | 8 | 0 0 0 | 0 0 | 593 | n/a |
| LimAHO02a LimAHO02a | A. Lim, J. C. Ang, W.-K. Ho, W.-C. Oon | UTTSExam: A University Examination Timetable Scheduler | Yes | [533] | 2002 | AAAI 2002 | 2 | 0 0 0 | 0 0 | 695 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| Junker00 Junker00 | U. Junker | Preference-Based Search for Scheduling | Yes | [454] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 653 | n/a |
| AbdennadherS99 AbdennadherS99 | S. Abdennadher, H. Schlenker | Nurse Scheduling using Constraint Logic Programming | Yes | [2] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 447 | n/a |
| BeckF99 BeckF99 | J. C. Beck, M. S. Fox | Scheduling Alternative Activities | Yes | [95] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 487 | n/a |
| ChunCTY99 ChunCTY99 | A. H. W. Chun, S. H. C. Chan, F. M. F. Tsang, D. W. M. Yeung | HKIA SAS: A Constraint-Based Airport Stand Allocation System Developed with Software Components | Yes | [206] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 545 | n/a |
| JoLLH99 JoLLH99 | G. Jo, K.-H. Lee, H.-Y. Lee, S.-H. Hyun | Ramp Activity Expert System for Scheduling and Co-ordination at an Airport | Yes | [451] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 650 | n/a |
| WatsonBHW99 WatsonBHW99 | J.-P. Watson, L. Barbulescu, A. E. Howe, L. D. Whitley | Algorithm Performance and Problem Structure for Flow-shop Scheduling | Yes | [883] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 850 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |
| GetoorOFC97 GetoorOFC97 | L. Getoor, G. Ottosson, M. P. J. Fromherz, B. Carlson | Effective Redundant Constraints for Online Scheduling | Yes | [337] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 606 | n/a |
| LeeKLKKYHP97 LeeKLKKYHP97 | K. J. Lee, H. W. Kim, J. K. Lee, T. H. Kim, C. G. Kim, M. K. Yoon, E. J. Hwang, H. J. Park | Case and Constraint-Based Apartment Construction Project Planning System: FASTrak-APT | Yes | [523] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 690 | n/a |
| MorgadoM97 MorgadoM97 | E. M. Morgado, J. P. Martins | CREWS NS: Scheduling Train Crew in The Netherlands | Yes | [618] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 733 | n/a |
| MurphyRFSS97 MurphyRFSS97 | K. Murphy, E. Ralston, D. Friedlander, R. Swab, P. Steege | The Scheduling of Rail at Union Pacific Railroad | Yes | [624] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 739 | n/a |
| MurthyRAW97 MurthyRAW97 | S. S. Murthy, J. Rachlin, R. Akkiraju, F. Y. Wu | Agent-Based Cooperative Scheduling | No | [626] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | No | n/a |
| OddiS97 OddiS97 | A. Oddi, S. F. Smith | Stochastic Procedures for Generating Feasible Schedules | Yes | [665] | 1997 | AAAI 1997 | 7 | 0 0 0 | 0 0 | 751 | n/a |
| RoweJCA96 RoweJCA96 | J. Rowe, K. Jewers, A. Codd, A. Alcock | Intelligent Retail Logistics Scheduling | Yes | [747] | 1996 | AAAI 1996 | 9 | 0 0 0 | 0 0 | 785 | n/a |
| CrawfordB94 CrawfordB94 | J. M. Crawford, A. B. Baker | Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems | Yes | [221] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 553 | n/a |
| Muscettola94 Muscettola94 | N. Muscettola | On the Utility of Bottleneck Reasoning for Scheduling | Yes | [627] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 741 | n/a |
| YoshikawaKNW94 YoshikawaKNW94 | M. Yoshikawa, K. Kaneko, Y. Nomura, M. Watanabe | A Constraint-Based Approach to High-School Timetabling Problems: A Case Study | Yes | [901] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 861 | n/a |
| SmithC93 SmithC93 | S. F. Smith, C.-C. Cheng | Slack-Based Heuristics for Constraint Satisfaction Scheduling | Yes | [796] | 1993 | AAAI 1993 | 6 | 0 0 0 | 0 0 | 805 | n/a |
| Hamscher91 Hamscher91 | W. Hamscher | ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals | Yes | [386] | 1991 | AAAI 1991 | 6 | 0 0 0 | 0 0 | 625 | n/a |
| EskeyZ90 EskeyZ90 | M. Eskey, M. Zweben | Learning Search Control for Constraint-Based Scheduling | Yes | [280] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 578 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| MintonJPL90 MintonJPL90 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Solving Large-Scale Constraint-Satisfaction and Scheduling Problems Using a Heuristic Repair Method | Yes | [610] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 729 | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |
| Rit86 Rit86 | J.-F. Rit | Propagating Temporal Constraints for Scheduling | Yes | [733] | 1986 | AAAI 1986 | 6 | 0 0 0 | 0 0 | 780 | n/a |
| FoxAS82 FoxAS82 | M. S. Fox, B. P. Allen, G. Strohm | Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning | Yes | [305] | 1982 | AAAI 1982 | 4 | 0 0 0 | 0 0 | 585 | n/a |

## F.2 ACIIDS

Table 119: Papers in Conference Series ACIIDS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ArbaouiY18 ArbaouiY18 | T. Arbaoui, F. Yalaoui | Solving the Unrelated Parallel Machine Scheduling Problem with Additional Resources Using Constraint Programming | Yes | [35] | 2018 | ACIIDS 2018 | 10 | 2 2 8 | 14 15 | 459 | n/a |

## F.3 AIAI

Table 120: Papers in Conference Series AIAI (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LiuLH19 LiuLH19 | K. Liu, S. Löffler, P. Hofstedt | Solving the Talent Scheduling Problem by Parallel Constraint Programming | Yes | [543] | 2019 | AIAI 2019 | 9 | 1 1 1 | 5 11 | 705 | n/a |

## F.4 AICCC

Table 121: Papers in Conference Series AICCC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HoYCLLCLC18 HoYCLLCLC18 | T.-W. Ho, J.-S. Yao, Y.-T. Chang, F. Lai, J.-F. Lai, S.-M. Chu, W.-C. Liao, H.-M. Chiu | A Platform for Dynamic Optimal Nurse Scheduling Based on Integer Linear Programming along with Multiple Criteria Constraints | Yes | [420] | 2018 | AICCC 2018 | 6 | 2 3 1 | 14 14 | 638 | n/a |

## F.5 AIPS

Table 122: Papers in Conference Series AIPS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FocacciLN00 FocacciLN00 | F. Focacci, P. Laborie, W. Nuijten | Solving Scheduling Problems with Setup Times and Alternative Resources | Yes | [300] | 2000 | AIPS 2000 | 10 | 0 0 0 | 0 0 | 582 | n/a |

## F.6 ANT

Table 123: Papers in Conference Series ANT (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YuraszeckMC23 YuraszeckMC23 | F. Yuraszeck, G. Mejía, D. Canut-de-Bon | A competitive constraint programming approach for the group shop scheduling problem | Yes | [906] | 2023 | ANT 2023 | 6 | 1 1 1 | 15 18 | 863 | 890 |

## F.7 ANTS

Table 124: Papers in Conference Series ANTS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MeyerE04 MeyerE04 | B. Meyer, A. Ernst | Integrating ACO and Constraint Propagation | Yes | [605] | 2004 | ANTS 2004 | 12 | 37 37 45 | 14 17 | 728 | n/a |

## F.8 APMS

Table 125: Papers in Conference Series APMS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 | Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, B. V. Nouri | A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability | Yes | [592] | 2023 | APMS 2023 | 14 | 0 0 0 | 0 31 | 724 | 883 |

## F.9 ASTAIR

Table 126: Papers in Conference Series ASTAIR (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DincbasS91 DincbasS91 | M. Dincbas, H. Simonis | Apache-a constraint based, automated stand allocation system | Yes | [251] | 1991 | ASTAIR 1991 | 13 | 0 0 0 | 0 0 | 564 | n/a |

## F.10 ATMOS

Table 127: Papers in Conference Series ATMOS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AronssonBK09 AronssonBK09 | M. Aronsson, M. Bohlin, P. Kreuger | MILP formulations of cumulative constraints for railway scheduling - A comparative study | Yes | [41] | 2009 | ATMOS 2009 | 13 | 0 0 0 | 0 0 | 462 | n/a |

## F.11 CANDAR

Table 128: Papers in Conference Series CANDAR (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NishikawaSTT18 NishikawaSTT18 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Fork-Join Tasks with Constraint Programming | Yes | [648] | 2018 | CANDAR 2018 | 6 | 2 2 2 | 14 21 | 745 | n/a |

## F.12 CAiSE

Table 129: Papers in Conference Series CAiSE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhuS02 ZhuS02 | K. Q. Zhu, A. E. Santosa | A Meeting Scheduling System Based on Open Constraint Programming | Yes | [929] | 2002 | CAiSE 2002 | 5 | 0 0 0 | 5 7 | 870 | n/a |

## F.13 CCL'99

Table 130: Papers in Conference Series CCL'99 (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Simonis99 Simonis99 | H. Simonis | Building Industrial Applications with Constraint Programming | Yes | [790] | 1999 | CCL'99 1999 | 39 | 5 5 0 | 18 63 | 802 | n/a |

## F.14 CIT

Table 131: Papers in Conference Series CIT (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhangLS12 ZhangLS12 | X. Zhang, Z. Lv, X. Song | Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method | Yes | [924] | 2012 | CIT 2012 | 4 | 1 1 1 | 3 9 | 867 | n/a |

## F.15 CONTESSA

Table 132: Papers in Conference Series CONTESSA (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Simonis95a Simonis95a | H. Simonis | Application Development with the CHIP System | Yes | [788] | 1995 | CONTESSA 1995 | 21 | 1 1 0 | 12 30 | 801 | n/a |

## F.16 CP

Table 133: Papers in Conference Series CP (Total 132) (Total 132)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AalianPG23 AalianPG23 | Y. Aalian, G. Pesant, M. Gamache | Optimization of Short-Term Underground Mine Planning Using Constraint Programming | Yes | [1] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 446 | 875 |
| JuvinHHL23 JuvinHHL23 | C. Juvin, E. Hebrard, L. Houssin, P. Lopez | An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling | Yes | [456] | 2023 | CP 2023 | 16 | 0 0 0 | 0 0 | 654 | 879 |
| KameugneFND23 KameugneFND23 | R. Kameugne, S. B. Fetgo, T. Noulamo, C. T. Djamégni | Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density | Yes | [464] | 2023 | CP 2023 | 17 | 0 0 0 | 0 0 | 658 | 881 |
| PovedaAA23 PovedaAA23 | G. Povéda, N. Álvarez, C. Artigues | Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars | Yes | [707] | 2023 | CP 2023 | 21 | 0 0 0 | 0 0 | 768 | 885 |
| BoudreaultSLQ22 BoudreaultSLQ22 | R. Boudreault, V. Simard, D. Lafond, C.-G. Quimper | A Constraint Programming Approach to Ship Refit Project Scheduling | Yes | [160] | 2022 | CP 2022 | 16 | 0 0 0 | 0 0 | 524 | 892 |
| PopovicCGNC22 PopovicCGNC22 | L. Popovic, A. Côté, M. Gaha, F. Nguewouo, Q. Cappart | Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming | Yes | [705] | 2022 | CP 2022 | 15 | 0 0 0 | 0 0 | 767 | 900 |
| WinterMMW22 WinterMMW22 | F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz | Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry | Yes | [889] | 2022 | CP 2022 | 18 | 0 0 0 | 0 0 | 852 | 904 |
| AntuoriHHEN21 AntuoriHHEN21 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem | Yes | [32] | 2021 | CP 2021 | 16 | 0 0 1 | 0 0 | 458 | 906 |
| ArmstrongGOS21 ArmstrongGOS21 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | The Hybrid Flexible Flowshop with Transportation Times | Yes | [38] | 2021 | CP 2021 | 18 | 1 0 1 | 0 0 | 460 | 907 |
| KovacsTKSG21 KovacsTKSG21 | B. Kovács, P. Tassel, W. Kohlenbrein, P. Schrott-Kostwein, M. Gebser | Utilizing Constraint Optimization for Industrial Machine Workload Balancing | Yes | [498] | 2021 | CP 2021 | 17 | 0 0 4 | 0 0 | 675 | 915 |
| LacknerMMWW21 LacknerMMWW21 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem | Yes | [514] | 2021 | CP 2021 | 18 | 0 0 3 | 0 0 | 686 | 916 |
| AntuoriHHEN20 AntuoriHHEN20 | V. Antuori, E. Hebrard, M.-J. Huguet, S. Essodaigui, A. Nguyen | Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing | Yes | [31] | 2020 | CP 2020 | 16 | 3 3 6 | 8 16 | 457 | 917 |
| GroleazNS20 GroleazNS20 | L. Groleaz, S. N. Ndiaye, C. Solnon | Solving the Group Cumulative Scheduling Problem with CPO and ACO | Yes | [365] | 2020 | CP 2020 | 17 | 1 1 1 | 25 29 | 619 | 920 |
| NattafM20 NattafM20 | M. Nattaf, A. Malapert | Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem | Yes | [645] | 2020 | CP 2020 | 16 | 0 0 0 | 6 12 | 744 | 923 |
| ColT19 ColT19 | G. D. Col, E. C. Teppan | Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers | Yes | [218] | 2019 | CP 2019 | 17 | 11 12 17 | 12 20 | 551 | 931 |
| FrimodigS19 FrimodigS19 | S. Frimodig, C. Schulte | Models for Radiation Therapy Patient Scheduling | Yes | [312] | 2019 | CP 2019 | 17 | 3 4 4 | 26 32 | 590 | 932 |
| GalleguillosKSB19 GalleguillosKSB19 | C. Galleguillos, Z. Kiziltan, A. Sîrbu, Özalp Babaoglu | Constraint Programming-Based Job Dispatching for Modern HPC Applications | Yes | [317] | 2019 | CP 2019 | 18 | 1 2 3 | 27 39 | 594 | 933 |
| MurinR19 MurinR19 | S. Murín, H. Rudová | Scheduling of Mobile Robots Using Constraint Programming | Yes | [623] | 2019 | CP 2019 | 16 | 2 2 2 | 22 26 | 737 | 934 |
| CappartTSR18 CappartTSR18 | Q. Cappart, C. Thomas, P. Schaus, L.-M. Rousseau | A Constraint Programming Approach for Solving Patient Transportation Problems | Yes | [180] | 2018 | CP 2018 | 17 | 6 6 11 | 31 37 | 532 | 937 |
| He0GLW18 He0GLW18 | S. He, M. G. Wallace, G. Gange, A. Liebman, C. Wilson | A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing | Yes | [395] | 2018 | CP 2018 | 18 | 6 6 10 | 26 35 | 627 | 938 |
| Tesch18 Tesch18 | A. Tesch | Improving Energetic Propagations for Cumulative Scheduling | Yes | [824] | 2018 | CP 2018 | 17 | 5 6 7 | 21 22 | 819 | n/a |
| BofillCSV17 BofillCSV17 | M. Bofill, J. Coll, J. Suy, M. Villaret | An Efficient SMT Approach to Solve MRCPSP/max Instances with Tight Constraints on Resources | Yes | [143] | 2017 | CP 2017 | 9 | 1 1 5 | 12 17 | 511 | n/a |

Table 133: Papers in Conference Series CP (Total 132) (Total 132)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GoldwaserS17 GoldwaserS17 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [350] | 2017 | CP 2017 | 16 | 0 0 2 | 10 14 | 613 | 940 |
| Hooker17 Hooker17 | J. N. Hooker | Job Sequencing Bounds from Decision Diagrams | Yes | [431] | 2017 | CP 2017 | 14 | 6 6 11 | 24 27 | 643 | n/a |
| LiuCGM17 LiuCGM17 | T. Liu, R. D. Cosmo, M. Gabbrielli, J. Mauro | NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities | Yes | [546] | 2017 | CP 2017 | 17 | 0 0 0 | 15 31 | 702 | 941 |
| MossigeGSMC17 MossigeGSMC17 | M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson | Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems | Yes | [619] | 2017 | CP 2017 | 18 | 6 7 8 | 33 39 | 734 | n/a |
| Pralet17 Pralet17 | C. Pralet | An Incomplete Constraint-Based System for Scheduling with Renewable Resources | Yes | [708] | 2017 | CP 2017 | 19 | 1 1 2 | 30 37 | 769 | n/a |
| YoungFS17 YoungFS17 | K. D. Young, T. Feydy, A. Schutt | Constraint Programming Applied to the Multi-Skill Project Scheduling Problem | Yes | [903] | 2017 | CP 2017 | 10 | 6 8 13 | 21 28 | 862 | 942 |
| BonfiettiZLM16 BonfiettiZLM16 | A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano | The Multirate Resource Constraint | Yes | [153] | 2016 | CP 2016 | 17 | 0 0 0 | 11 18 | 521 | 944 |
| BoothNB16 BoothNB16 | K. E. C. Booth, G. Nejat, J. C. Beck | A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes | Yes | [155] | 2016 | CP 2016 | 17 | 21 21 32 | 24 31 | 523 | n/a |
| CauwelaertDMS16 CauwelaertDMS16 | S. V. Cauwelaert, C. Dejemeppe, J.-N. Monette, P. Schaus | Efficient Filtering for the Unary Resource with Family-Based Transition Times | Yes | [194] | 2016 | CP 2016 | 16 | 1 1 2 | 12 20 | 537 | 945 |
| GilesH16 GilesH16 | K. Giles, W.-J. van Hoeve | Solving a Supply-Delivery Scheduling Problem with Constraint Programming | Yes | [340] | 2016 | CP 2016 | 16 | 2 2 2 | 6 8 | 607 | n/a |
| LimHTB16 LimHTB16 | B. Lim, H. L. Hijazi, S. Thiébaux, M. van den Briel | Online HVAC-Aware Occupancy Scheduling with Adaptive Temperature Control | Yes | [535] | 2016 | CP 2016 | 18 | 2 2 7 | 23 32 | 698 | n/a |
| SchuttS16 SchuttS16 | A. Schutt, P. J. Stuckey | Explaining Producer/Consumer Constraints | Yes | [774] | 2016 | CP 2016 | 17 | 3 3 3 | 23 23 | 793 | n/a |
| SzerediS16 SzerediS16 | R. Szeredi, A. Schutt | Modelling and Solving Multi-mode Resource-Constrained Project Scheduling | Yes | [808] | 2016 | CP 2016 | 10 | 9 9 15 | 14 16 | 810 | n/a |
| Tesch16 Tesch16 | A. Tesch | A Nearly Exact Propagation Algorithm for Energetic Reasoning in \mathcal O(n^2 \log n) | Yes | [823] | 2016 | CP 2016 | 27 | 4 5 4 | 14 18 | 818 | n/a |
| DejemeppeCS15 DejemeppeCS15 | C. Dejemeppe, S. V. Cauwelaert, P. Schaus | The Unary Resource with Transition Times | Yes | [239] | 2015 | CP 2015 | 16 | 5 5 8 | 11 21 | 557 | 947 |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| GayHLS15 GayHLS15 | S. Gay, R. Hartert, C. Lecoutre, P. Schaus | Conflict Ordering Search for Scheduling Problems | Yes | [322] | 2015 | CP 2015 | 9 | 20 20 31 | 15 19 | 596 | 948 |
| GayHS15 GayHS15 | S. Gay, R. Hartert, P. Schaus | Simple and Scalable Time-Table Filtering for the Cumulative Constraint | Yes | [323] | 2015 | CP 2015 | 9 | 10 10 17 | 9 15 | 597 | 949 |
| KreterSS15 KreterSS15 | S. Kreter, A. Schutt, P. J. Stuckey | Modeling and Solving Project Scheduling with Calendars | Yes | [499] | 2015 | CP 2015 | 17 | 7 7 9 | 16 23 | 678 | n/a |
| LombardiBM15 LombardiBM15 | M. Lombardi, A. Bonfietti, M. Milano | Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty | Yes | [549] | 2015 | CP 2015 | 16 | 0 0 0 | 8 15 | 707 | n/a |
| MurphyMB15 MurphyMB15 | S. Óg Murphy, O. Manzano, K. N. Brown | Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System | Yes | [625] | 2015 | CP 2015 | 17 | 1 3 6 | 20 26 | 738 | n/a |
| PraletLJ15 PraletLJ15 | C. Pralet, S. Lemai-Chenevier, J. Jaubert | Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search | Yes | [709] | 2015 | CP 2015 | 16 | 0 0 0 | 8 11 | 770 | n/a |
| SialaAH15 SialaAH15 | M. Siala, C. Artigues, E. Hebrard | Two Clause Learning Approaches for Disjunctive Scheduling | Yes | [785] | 2015 | CP 2015 | 10 | 4 4 4 | 17 27 | 798 | 951 |
| AlesioNBG14 AlesioNBG14 | S. Di Alesio, S. Nejati, L. C. Briand, A. Gotlieb | Worst-Case Scheduling of Software Tasks - A Constraint Optimization Model to Support Performance Testing | Yes | [247] | 2014 | CP 2014 | 18 | 3 2 3 | 19 28 | 453 | n/a |
| BartoliniBBLM14 BartoliniBBLM14 | A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano | Proactive Workload Dispatching on the EURORA Supercomputer | Yes | [81] | 2014 | CP 2014 | 16 | 12 12 16 | 3 9 | 480 | n/a |
| BofillEGPSV14 BofillEGPSV14 | M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret | Scheduling B2B Meetings | Yes | [144] | 2014 | CP 2014 | 16 | 3 4 10 | 10 17 | 513 | n/a |

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| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DerrienP14 DerrienP14 | A. Derrien, T. Petit | A New Characterization of Relevant Intervals for Energetic Reasoning | Yes | [245] | 2014 | CP 2014 | 9 | 14 15 14 | 0 0 | 560 | n/a |
| DerrienPZ14 DerrienPZ14 | A. Derrien, T. Petit, S. Zampelli | A Declarative Paradigm for Robust Cumulative Scheduling | Yes | [246] | 2014 | CP 2014 | 9 | 3 3 3 | 10 17 | 561 | n/a |
| GaySS14 GaySS14 | S. Gay, P. Schaus, V. D. Smedt | Continuous Casting Scheduling with Constraint Programming | Yes | [325] | 2014 | CP 2014 | 15 | 7 9 11 | 11 19 | 599 | n/a |
| HoundjiSWD14 HoundjiSWD14 | V. R. Houndji, P. Schaus, L. A. Wolsey, Y. Deville | The StockingCost Constraint | Yes | [439] | 2014 | CP 2014 | 16 | 5 5 8 | 7 13 | 645 | 953 |
| OuelletQ13 OuelletQ13 | P. Ouellet, C.-G. Quimper | Time-Table Extended-Edge-Finding for the Cumulative Constraint | Yes | [670] | 2013 | CP 2013 | 16 | 12 12 18 | 14 16 | 752 | n/a |
| SchuttFS13 SchuttFS13 | A. Schutt, T. Feydy, P. J. Stuckey | Scheduling Optional Tasks with Explanation | Yes | [768] | 2013 | CP 2013 | 17 | 10 10 13 | 20 32 | 790 | n/a |
| ZampelliVSDR13 ZampelliVSDR13 | S. Zampelli, Y. Vergados, R. V. Schaeren, W. Dullaert, B. Raa | The Berth Allocation and Quay Crane Assignment Problem Using a CP Approach | Yes | [910] | 2013 | CP 2013 | 17 | 20 21 31 | 19 23 | 864 | n/a |
| GuSW12 GuSW12 | H. Gu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value of Large Resource-Constrained Projects | Yes | [370] | 2012 | CP 2012 | 15 | 5 5 5 | 20 25 | 623 | n/a |
| IfrimOS12 IfrimOS12 | G. Ifrim, B. O'Sullivan, H. Simonis | Properties of Energy-Price Forecasts for Scheduling | Yes | [443] | 2012 | CP 2012 | 16 | 6 5 13 | 20 29 | 647 | n/a |
| LetortBC12 LetortBC12 | A. Letort, N. Beldiceanu, M. Carlsson | A Scalable Sweep Algorithm for the cumulative Constraint | Yes | [526] | 2012 | CP 2012 | 16 | 18 19 27 | 12 21 | 691 | n/a |
| LozanoCDS12 LozanoCDS12 | R. C. Lozano, M. Carlsson, F. Drejhammar, C. Schulte | Constraint-Based Register Allocation and Instruction Scheduling | Yes | [563] | 2012 | CP 2012 | 17 | 21 17 25 | 30 36 | 713 | n/a |
| SerraNM12 SerraNM12 | T. Serra, G. Nishioka, F. J. M. Marcellino | The Offshore Resources Scheduling Problem: Detailing a Constraint Programming Approach | Yes | [778] | 2012 | CP 2012 | 17 | 0 0 2 | 8 24 | 797 | n/a |
| SimoninAHL12 SimoninAHL12 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling Scientific Experiments on the Rosetta/Philae Mission | Yes | [786] | 2012 | CP 2012 | 15 | 3 3 4 | 8 10 | 799 | 959 |
| BonfiettiLBM11 BonfiettiLBM11 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | A Constraint Based Approach to Cyclic RCPSP | Yes | [147] | 2011 | CP 2011 | 15 | 3 3 4 | 14 24 | 516 | n/a |
| ClercqPBJ11 ClercqPBJ11 | A. D. Clercq, T. Petit, N. Beldiceanu, N. Jussien | Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource | Yes | [213] | 2011 | CP 2011 | 16 | 3 3 4 | 11 13 | 548 | n/a |
| GrimesH11 GrimesH11 | D. Grimes, E. Hebrard | Models and Strategies for Variants of the Job Shop Scheduling Problem | Yes | [359] | 2011 | CP 2011 | 17 | 5 5 11 | 18 27 | 617 | n/a |
| HermenierDL11 HermenierDL11 | F. Hermenier, S. Demassey, X. Lorca | Bin Repacking Scheduling in Virtualized Datacenters | Yes | [415] | 2011 | CP 2011 | 15 | 28 26 40 | 5 9 | 636 | n/a |
| KameugneFSN11 KameugneFSN11 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints | Yes | [466] | 2011 | CP 2011 | 15 | 7 8 7 | 9 14 | 659 | n/a |
| Beck10 Beck10 | J. C. Beck | Checking-Up on Branch-and-Check | Yes | [88] | 2010 | CP 2010 | 15 | 19 21 45 | 11 12 | 483 | n/a |
| LombardiM10 LombardiM10 | M. Lombardi, M. Milano | Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution | Yes | [553] | 2010 | CP 2010 | 15 | 1 1 0 | 11 17 | 710 | n/a |
| SchuttW10 SchuttW10 | A. Schutt, A. Wolf | A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints | Yes | [775] | 2010 | CP 2010 | 15 | 13 14 16 | 14 19 | 794 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| GrimesHM09 GrimesHM09 | D. Grimes, E. Hebrard, A. Malapert | Closing the Open Shop: Contradicting Conventional Wisdom | Yes | [361] | 2009 | CP 2009 | 9 | 15 15 18 | 12 23 | 618 | n/a |
| LombardiM09 LombardiM09 | M. Lombardi, M. Milano | A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations | Yes | [551] | 2009 | CP 2009 | 15 | 7 7 15 | 12 20 | 709 | n/a |
| SchuttFSW09 SchuttFSW09 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Why Cumulative Decomposition Is Not as Bad as It Sounds | Yes | [769] | 2009 | CP 2009 | 16 | 34 34 44 | 11 18 | 792 | n/a |
| Vilim09 Vilim09 | P. Vilím | Edge Finding Filtering Algorithm for Discrete Cumulative Resources in $O(kn \log n)$ {\mathcal O}(kn {\rm log} n) | Yes | [866] | 2009 | CP 2009 | 15 | 25 26 34 | 4 7 | 840 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| BeniniLMR08 BeniniLMR08 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | A Constraint Programming Approach for Allocation and Scheduling on the CELL Broadband Engine | Yes | [122] | 2008 | CP 2008 | 15 | 7 6 7 | 23 34 | 502 | n/a |
| MouraSCL08 MouraSCL08 | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Planning and Scheduling the Operation of a Very Large Oil Pipeline Network | Yes | [621] | 2008 | CP 2008 | 16 | 11 11 22 | 10 14 | 735 | n/a |
| DavenportKRSH07 DavenportKRSH07 | A. J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou | An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing | Yes | [230] | 2007 | CP 2007 | 13 | 1 1 5 | 2 13 | 556 | n/a |
| GarganiR07 GarganiR07 | A. Gargani, P. Refalo | An Efficient Model and Strategy for the Steel Mill Slab Design Problem | Yes | [319] | 2007 | CP 2007 | 13 | 17 18 28 | 5 12 | 595 | n/a |
| KrogtLPHJ07 KrogtLPHJ07 | R. van der Krogt, J. Little, K. Pulliam, S. Hanhilammi, Y. Jin | Scheduling for Cellular Manufacturing | Yes | [858] | 2007 | CP 2007 | 13 | 2 2 3 | 3 9 | 679 | n/a |
| KhemmoudjPB06 KhemmoudjPB06 | M. O. I. Khemmoudj, M. Porcheron, H. Bennaceur | When Constraint Programming and Local Search Solve the Scheduling Problem of Electricité de France Nuclear Power Plant Outages | Yes | [475] | 2006 | CP 2006 | 13 | 8 8 15 | 8 12 | 663 | n/a |
| AbrilSB05 AbrilSB05 | M. Abril, M. A. Salido, F. Barber | Distributed Constraints for Large-Scale Scheduling Problems | Yes | [6] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 448 | n/a |
| ArtiouchineB05 ArtiouchineB05 | K. Artiouchine, P. Baptiste | Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs | Yes | [49] | 2005 | CP 2005 | 15 | 3 3 9 | 11 24 | 465 | n/a |
| BeniniBGM05 BeniniBGM05 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation | Yes | [118] | 2005 | CP 2005 | 15 | 25 25 41 | 21 29 | 498 | n/a |
| CambazardJ05 CambazardJ05 | H. Cambazard, N. Jussien | Integrating Benders Decomposition Within Constraint Programming | Yes | [177] | 2005 | CP 2005 | 5 | 6 6 7 | 8 8 | 530 | n/a |
| CarchraeBF05 CarchraeBF05 | T. Carchrae, J. C. Beck, E. C. Freuder | Methods to Learn Abstract Scheduling Models | Yes | [182] | 2005 | CP 2005 | 1 | 0 0 0 | 0 0 | 533 | n/a |
| DilkinaDH05 DilkinaDH05 | B. N. Dilkina, L. Duan, W. S. Havens | Extending Systematic Local Search for Job Shop Scheduling Problems | Yes | [248] | 2005 | CP 2005 | 5 | 2 2 4 | 7 8 | 562 | n/a |
| FortinZDF05 FortinZDF05 | J. Fortin, P. Zielinski, D. Dubois, H. Fargier | Interval Analysis in Scheduling | Yes | [304] | 2005 | CP 2005 | 15 | 13 12 24 | 11 15 | 584 | n/a |
| HebrardTW05 HebrardTW05 | E. Hebrard, P. Tyler, T. Walsh | Computing Super-Schedules | Yes | [398] | 2005 | CP 2005 | 1 | 0 0 1 | 3 5 | 629 | n/a |
| Hooker05a Hooker05a | J. N. Hooker | Planning and Scheduling to Minimize Tardiness | Yes | [425] | 2005 | CP 2005 | 14 | 30 31 35 | 10 12 | 641 | n/a |
| KovacsEKV05 KovacsEKV05 | A. Kovács, P. Egri, T. Kis, J. Váncza | Proterv-II: An Integrated Production Planning and Scheduling System | Yes | [494] | 2005 | CP 2005 | 1 | 2 2 1 | 3 3 | 674 | n/a |
| Perron05 Perron05 | L. Perron | Alternate modeling in sport scheduling | Yes | [691] | 2005 | CP 2005 | 5 | 1 1 2 | 3 9 | 762 | n/a |
| WuBB05 WuBB05 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with Uncertain Start Dates | Yes | [897] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 859 | n/a |
| CambazardHDJT04 CambazardHDJT04 | H. Cambazard, P.-E. Hladik, A.-M. Déplanche, N. Jussien, Y. Trinquet | Decomposition and Learning for a Hard Real Time Task Allocation Problem | Yes | [176] | 2004 | CP 2004 | 15 | 33 33 45 | 13 23 | 529 | n/a |
| Hooker04 Hooker04 | J. N. Hooker | A Hybrid Method for Planning and Scheduling | Yes | [423] | 2004 | CP 2004 | 12 | 39 40 46 | 9 10 | 640 | n/a |
| KovacsV04 KovacsV04 | A. Kovács, J. Váncza | Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling | Yes | [496] | 2004 | CP 2004 | 15 | 3 3 4 | 12 21 | 676 | n/a |
| LimRX04 LimRX04 | A. Lim, B. Rodrigues, Z. Xu | Solving the Crane Scheduling Problem Using Intelligent Search Schemes | Yes | [534] | 2004 | CP 2004 | 5 | 5 6 8 | 6 9 | 699 | n/a |
| PerronSF04 PerronSF04 | L. Perron, P. Shaw, V. Furnon | Propagation Guided Large Neighborhood Search | Yes | [692] | 2004 | CP 2004 | 14 | 34 34 67 | 8 16 | 763 | n/a |
| VilimBC04 VilimBC04 | P. Vilím, R. Barták, O. Cepek | Unary Resource Constraint with Optional Activities | Yes | [869] | 2004 | CP 2004 | 15 | 13 12 17 | 4 11 | 843 | n/a |
| BourdaisGP03 BourdaisGP03 | S. Bourdais, P. Galinier, G. Pesant | HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care | Yes | [161] | 2003 | CP 2003 | 15 | 29 30 51 | 5 19 | 525 | n/a |
| DannaP03 DannaP03 | E. Danna, L. Perron | Structured vs. Unstructured Large Neighborhood Search: A Case Study on Job-Shop Scheduling Problems with Earliness and Tardiness Costs | Yes | [226] | 2003 | CP 2003 | 5 | 21 20 34 | 3 9 | 554 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Kumar03 Kumar03 | T. K. S. Kumar | Incremental Computation of Resource-Envelopes in Producer-Consumer Models | Yes | [505] | 2003 | CP 2003 | 15 | 4 4 7 | 2 6 | 681 | n/a |
| OddiPCC03 OddiPCC03 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Generating High Quality Schedules for a Spacecraft Memory Downlink Problem | Yes | [661] | 2003 | CP 2003 | 15 | 8 7 14 | 6 12 | 748 | n/a |
| Vilim03 Vilim03 | P. Vilím | Computing Explanations for Global Scheduling Constraints | Yes | [863] | 2003 | CP 2003 | 1 | 1 1 1 | 1 4 | 837 | n/a |
| Wolf03 Wolf03 | A. Wolf | Pruning while Sweeping over Task Intervals | Yes | [890] | 2003 | CP 2003 | 15 | 11 11 10 | 7 13 | 853 | n/a |
| Bartak02 Bartak02 | R. Barták | Visopt ShopFloor: On the Edge of Planning and Scheduling | Yes | [75] | 2002 | CP 2002 | 16 | 6 6 11 | 4 20 | 477 | n/a |
| BeldiceanuC02 BeldiceanuC02 | N. Beldiceanu, M. Carlsson | A New Multi-resource cumulatives Constraint with Negative Heights | Yes | [108] | 2002 | CP 2002 | 17 | 33 33 48 | 9 20 | 493 | n/a |
| BenoistGR02 BenoistGR02 | T. Benoist, E. Gaudin, B. Rottembourg | Constraint Programming Contribution to Benders Decomposition: A Case Study | Yes | [124] | 2002 | CP 2002 | 15 | 13 13 19 | 11 19 | 503 | n/a |
| ElkhyariGJ02 ElkhyariGJ02 | A. Elkhyari, C. Guéret, N. Jussien | Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems | Yes | [272] | 2002 | CP 2002 | 6 | 1 1 0 | 6 12 | 573 | n/a |
| HookerY02 HookerY02 | J. N. Hooker, H. Yan | A Relaxation of the Cumulative Constraint | Yes | [437] | 2002 | CP 2002 | 5 | 8 7 13 | 7 19 | 644 | n/a |
| KamarainenS02 KamarainenS02 | O. Kamarainen, H. E. Sakkout | Local Probing Applied to Scheduling | Yes | [460] | 2002 | CP 2002 | 17 | 9 10 16 | 13 28 | 656 | n/a |
| Muscettola02 Muscettola02 | N. Muscettola | Computing the Envelope for Stepwise-Constant Resource Allocations | Yes | [628] | 2002 | CP 2002 | 16 | 14 14 26 | 4 15 | 740 | n/a |
| Vilim02 Vilim02 | P. Vilím | Batch Processing with Sequence Dependent Setup Times | Yes | [862] | 2002 | CP 2002 | 1 | 6 5 1 | 1 3 | 836 | n/a |
| BeldiceanuC01 BeldiceanuC01 | N. Beldiceanu, M. Carlsson | Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint | Yes | [107] | 2001 | CP 2001 | 15 | 34 33 45 | 0 13 | 492 | n/a |
| EreminW01 EreminW01 | A. Eremin, M. G. Wallace | Hybrid Benders Decomposition Algorithms in Constraint Logic Programming | Yes | [276] | 2001 | CP 2001 | 15 | 27 27 30 | 7 13 | 575 | n/a |
| Thorsteinsson01 Thorsteinsson01 | E. S. Thorsteinsson | Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming | Yes | [828] | 2001 | CP 2001 | 15 | 67 68 97 | 12 25 | 822 | n/a |
| VanczaM01 VanczaM01 | J. Váncza, A. Márkus | A Constraint Engine for Manufacturing Process Planning | Yes | [860] | 2001 | CP 2001 | 15 | 2 2 4 | 19 29 | 834 | n/a |
| VerfaillieL01 VerfaillieL01 | G. Verfaillie, M. Lemaître | Selecting and Scheduling Observations for Agile Satellites: Some Lessons from the Constraint Reasoning Community Point of View | Yes | [861] | 2001 | CP 2001 | 15 | 11 11 20 | 6 15 | 835 | n/a |
| AngelsmarkJ00 AngelsmarkJ00 | O. Angelsmark, P. Jonsson | Some Observations on Durations, Scheduling and Allen's Algebra | Yes | [28] | 2000 | CP 2000 | 5 | 1 1 6 | 9 17 | 455 | n/a |
| Refalo00 Refalo00 | P. Refalo | Linear Formulation of Constraint Programming Models and Hybrid Solvers | Yes | [727] | 2000 | CP 2000 | 15 | 35 37 49 | 11 22 | 776 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |
| FrostD98 FrostD98 | D. Frost, R. Dechter | Optimizing with Constraints: A Case Study in Scheduling Maintenance of Electric Power Units | Yes | [315] | 1998 | CP 1998 | 1 | 10 10 11 | 2 3 | 592 | n/a |
| RodosekW98 RodosekW98 | R. Rodosek, M. G. Wallace | A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems | Yes | [735] | 1998 | CP 1998 | 15 | 19 20 32 | 10 23 | 781 | n/a |
| BaptisteP97 BaptisteP97 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [68] | 1997 | CP 1997 | 15 | 8 9 14 | 10 22 | 474 | n/a |
| BeckDF97 BeckDF97 | J. C. Beck, A. J. Davenport, M. S. Fox | Five Pitfalls of Empirical Scheduling Research | Yes | [90] | 1997 | CP 1997 | 15 | 3 3 6 | 12 41 | 484 | n/a |
| Caseau97 Caseau97 | Y. Caseau | Using Constraint Propagation for Complex Scheduling Problems: Managing Size, Complex Resources and Travel | Yes | [191] | 1997 | CP 1997 | 4 | 0 1 0 | 0 0 | 535 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Colombani96 Colombani96 | Y. Colombani | Constraint Programming: an Efficient and Practical Approach to Solving the Job-Shop Problem | Yes | [219] | 1996 | CP 1996 | 15 | 4 4 10 | 5 12 | 552 | n/a |
| Zhou96 Zhou96 | J. Zhou | A Constraint Program for Solving the Job-Shop Problem | Yes | [926] | 1996 | CP 1996 | 15 | 10 10 8 | 7 17 | 868 | n/a |
| Goltz95 Goltz95 | H.-J. Goltz | Reducing Domains for Search in CLP(FD) and Its Application to Job-Shop Scheduling | Yes | [352] | 1995 | CP 1995 | 14 | 7 7 8 | 7 14 | 614 | n/a |
| Puget95 Puget95 | J.-F. Puget | Applications of Constraint Programming | Yes | [713] | 1995 | CP 1995 | 4 | 6 6 11 | 2 11 | 772 | n/a |
| Simonis95 Simonis95 | H. Simonis | The CHIP System and Its Applications | Yes | [789] | 1995 | CP 1995 | 4 | 7 7 13 | 3 7 | 800 | n/a |
| SimonisC95 SimonisC95 | H. Simonis, T. Cornelissens | Modelling Producer/Consumer Constraints | Yes | [793] | 1995 | CP 1995 | 14 | 17 16 21 | 8 23 | 803 | n/a |
| Touraivane95 Touraivane95 | Touraïvane | Constraint Programming and Industrial Applications | Yes | [835] | 1995 | CP 1995 | 3 | 2 0 1 | 1 0 | 825 | n/a |

## F.17 CPAIOR

Table 134: Papers in Conference Series CPAIOR (Total 99) (Total 99)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EfthymiouY23 EfthymiouY23 | N. Efthymiou, N. Yorke-Smith | Predicting the Optimal Period for Cyclic Hoist Scheduling Problems | Yes | [267] | 2023 | CPAIOR 2023 | 16 | 0 0 1 | 23 26 | 571 | 877 |
| JuvinHL23 JuvinHL23 | C. Juvin, L. Houssin, P. Lopez | Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty | Yes | [458] | 2023 | CPAIOR 2023 | 16 | 0 1 0 | 11 12 | 655 | 880 |
| KimCMLLP23 KimCMLLP23 | D. Kim, Y. Choi, K. Moon, M. Lee, K. Lee, M. L. Pinedo | Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting | Yes | [476] | 2023 | CPAIOR 2023 | 16 | 0 0 0 | 13 14 | 664 | 882 |
| SquillaciPR23 SquillaciPR23 | S. Squillaci, C. Pralet, S. Roussel | Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches | Yes | [798] | 2023 | CPAIOR 2023 | 17 | 0 0 0 | 19 23 | 806 | 886 |
| TardivoDFMP23 TardivoDFMP23 | F. Tardivo, A. Dovier, A. Formisano, L. Michel, E. Pontelli | Constraint Propagation on GPU: A Case Study for the Cumulative Constraint | Yes | [815] | 2023 | CPAIOR 2023 | 18 | 0 0 0 | 30 48 | 814 | 887 |
| ArmstrongGOS22 ArmstrongGOS22 | E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis | A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times | Yes | [39] | 2022 | CPAIOR 2022 | 13 | 0 0 0 | 14 15 | 461 | 891 |
| GeitzGSSW22 GeitzGSSW22 | M. Geitz, C. Grozea, W. Steigerwald, R. Stöhr, A. Wolf | Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches | Yes | [332] | 2022 | CPAIOR 2022 | 18 | 0 1 3 | 24 36 | 603 | 893 |
| LuoB22 LuoB22 | Y. L. Luo, J. C. Beck | Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem | Yes | [570] | 2022 | CPAIOR 2022 | 17 | 0 0 1 | 28 34 | 715 | 897 |
| OuelletQ22 OuelletQ22 | Y. Ouellet, C.-G. Quimper | A MinCumulative Resource Constraint | Yes | [672] | 2022 | CPAIOR 2022 | 17 | 1 1 0 | 22 27 | 754 | 898 |
| Astrand0F21 Astrand0F21 | M. Åstrand, M. Johansson, H. R. Feyzmahdavian | Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS | Yes | [51] | 2021 | CPAIOR 2021 | 18 | 2 2 2 | 25 31 | 466 | 908 |
| GeibingerKKMMW21 GeibingerKKMMW21 | T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter | Physician Scheduling During a Pandemic | Yes | [328] | 2021 | CPAIOR 2021 | 10 | 0 0 0 | 6 13 | 600 | 910 |
| HanenKP21 HanenKP21 | C. Hanen, A. M. Kordon, T. Pedersen | Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors | Yes | [387] | 2021 | CPAIOR 2021 | 17 | 1 2 0 | 24 29 | 626 | 912 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| HillTV21 HillTV21 | A. Hill, J. Ticktin, T. W. M. Vossen | A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects | Yes | [418] | 2021 | CPAIOR 2021 | 19 | 0 0 3 | 38 42 | 637 | 913 |
| KlankeBYE21 KlankeBYE21 | C. Klanke, D. R. Bleidorn, V. Yfantis, S. Engell | Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant | Yes | [479] | 2021 | CPAIOR 2021 | 16 | 3 3 2 | 13 14 | 666 | 914 |
| GokGSTO20 GokGSTO20 | Y. S. Gök, D. Guimarans, P. J. Stuckey, M. Tomasella, C. Öztürk | Robust Resource Planning for Aircraft Ground Operations | Yes | [347] | 2020 | CPAIOR 2020 | 17 | 2 3 8 | 14 23 | 612 | n/a |
| Mercier-AubinGQ20 Mercier-AubinGQ20 | A. Mercier-Aubin, J. Gaudreault, C.-G. Quimper | Leveraging Constraint Scheduling: A Case Study to the Textile Industry | Yes | [602] | 2020 | CPAIOR 2020 | 13 | 2 2 2 | 13 17 | 726 | 922 |
| TangB20 TangB20 | T. Y. Tang, J. C. Beck | CP and Hybrid Models for Two-Stage Batching and Scheduling | Yes | [813] | 2020 | CPAIOR 2020 | 16 | 6 6 6 | 12 14 | 813 | 924 |
| ThomasKS20 ThomasKS20 | C. Thomas, R. Kameugne, P. Schaus | Insertion Sequence Variables for Hybrid Routing and Scheduling Problems | Yes | [827] | 2020 | CPAIOR 2020 | 18 | 0 0 2 | 16 28 | 821 | 925 |
| WessenCS20 WessenCS20 | J. Wessén, M. Carlsson, C. Schulte | Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization | Yes | [886] | 2020 | CPAIOR 2020 | 10 | 2 2 2 | 11 19 | 851 | 927 |
| BogaerdtW19 BogaerdtW19 | P. van den Bogaerdt, M. de Weerdt | Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams | Yes | [857] | 2019 | CPAIOR 2019 | 16 | 1 1 2 | 16 20 | 515 | 930 |
| GeibingerMM19 GeibingerMM19 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling | Yes | [330] | 2019 | CPAIOR 2019 | 16 | 6 9 10 | 15 23 | 601 | n/a |
| MalapertN19 MalapertN19 | A. Malapert, M. Nattaf | A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications | Yes | [582] | 2019 | CPAIOR 2019 | 17 | 1 1 1 | 7 16 | 722 | n/a |
| YangSS19 YangSS19 | M. Yang, A. Schutt, P. J. Stuckey | Time Table Edge Finding with Energy Variables | Yes | [899] | 2019 | CPAIOR 2019 | 10 | 1 1 1 | 14 18 | 860 | n/a |
| AstrandJZ18 AstrandJZ18 | M. Åstrand, M. Johansson, A. Zanarini | Fleet Scheduling in Underground Mines Using Constraint Programming | Yes | [52] | 2018 | CPAIOR 2018 | 9 | 9 9 14 | 10 14 | 467 | n/a |
| BenediktSMVH18 BenediktSMVH18 | O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek | Energy-Aware Production Scheduling with Power-Saving Modes | Yes | [117] | 2018 | CPAIOR 2018 | 10 | 2 2 4 | 12 13 | 497 | 936 |
| DemirovicS18 DemirovicS18 | E. Demirovic, P. J. Stuckey | Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts | Yes | [243] | 2018 | CPAIOR 2018 | 18 | 4 4 8 | 16 34 | 559 | n/a |
| KameugneFGOQ18 KameugneFGOQ18 | R. Kameugne, S. B. Fetgo, V. Gingras, Y. Ouellet, C.-G. Quimper | Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint | Yes | [463] | 2018 | CPAIOR 2018 | 17 | 1 2 2 | 12 17 | 657 | n/a |
| Laborie18a Laborie18a | P. Laborie | An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling | Yes | [511] | 2018 | CPAIOR 2018 | 9 | 18 19 25 | 10 15 | 685 | n/a |
| MusliuSS18 MusliuSS18 | N. Musliu, A. Schutt, P. J. Stuckey | Solver Independent Rotating Workforce Scheduling | Yes | [630] | 2018 | CPAIOR 2018 | 17 | 7 7 10 | 23 28 | 743 | n/a |
| OuelletQ18 OuelletQ18 | Y. Ouellet, C.-G. Quimper | A O(n \log ^2 n) Checker and O(n^2 \log n) Filtering Algorithm for the Energetic Reasoning | Yes | [671] | 2018 | CPAIOR 2018 | 18 | 6 8 8 | 16 23 | 753 | n/a |
| CappartS17 CappartS17 | Q. Cappart, P. Schaus | Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables | Yes | [179] | 2017 | CPAIOR 2017 | 16 | 2 2 3 | 28 34 | 531 | 939 |
| GelainPRVW17 GelainPRVW17 | M. Gelain, M. S. Pini, F. Rossi, K. B. Venable, T. Walsh | A Local Search Approach for Incomplete Soft Constraint Problems: Experimental Results on Meeting Scheduling Problems | Yes | [333] | 2017 | CPAIOR 2017 | 16 | 1 2 2 | 5 16 | 604 | n/a |
| KletzanderM17 KletzanderM17 | L. Kletzander, N. Musliu | A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem | Yes | [480] | 2017 | CPAIOR 2017 | 15 | 1 1 6 | 9 14 | 667 | n/a |
| FontaineMH16 FontaineMH16 | D. Fontaine, L. Michel, P. V. Hentenryck | Parallel Composition of Scheduling Solvers | Yes | [302] | 2016 | CPAIOR 2016 | 11 | 3 3 3 | 0 0 | 583 | n/a |
| HechingH16 HechingH16 | A. R. Heching, J. N. Hooker | Scheduling Home Hospice Care with Logic-Based Benders Decomposition | Yes | [400] | 2016 | CPAIOR 2016 | 11 | 10 11 18 | 0 0 | 630 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Madi-WambaB16 Madi-WambaB16 | G. Madi-Wamba, N. Beldiceanu | The TaskIntersection Constraint | Yes | [573] | 2016 | CPAIOR 2016 | 16 | 0 0 2 | 0 0 | 717 | n/a |
| BofillGSV15 BofillGSV15 | M. Bofill, M. Garcia, J. Suy, M. Villaret | MaxSAT-Based Scheduling of B2B Meetings | Yes | [145] | 2015 | CPAIOR 2015 | 9 | 7 8 22 | 8 12 | 514 | n/a |
| BurtLPS15 BurtLPS15 | C. N. Burt, N. Lipovetzky, A. R. Pearce, P. J. Stuckey | Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study | Yes | [172] | 2015 | CPAIOR 2015 | 17 | 0 0 3 | 8 16 | 528 | n/a |
| CauwelaertLS15 CauwelaertLS15 | S. V. Cauwelaert, M. Lombardi, P. Schaus | Understanding the Potential of Propagators | Yes | [195] | 2015 | CPAIOR 2015 | 10 | 12 11 9 | 0 21 | 538 | 946 |
| GayHS15a GayHS15a | S. Gay, R. Hartert, P. Schaus | Time-Table Disjunctive Reasoning for the Cumulative Constraint | Yes | [324] | 2015 | CPAIOR 2015 | 16 | 5 5 6 | 12 16 | 598 | 950 |
| LimBTBB15 LimBTBB15 | B. Lim, M. van den Briel, S. Thiébaux, R. Bent, S. Backhaus | Large Neighborhood Search for Energy Aware Meeting Scheduling in Smart Buildings | Yes | [537] | 2015 | CPAIOR 2015 | 15 | 4 4 5 | 18 24 | 696 | n/a |
| MelgarejoLS15 MelgarejoLS15 | P. Aguiar-Melgarejo, P. Laborie, C. Solnon | A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems | Yes | [16] | 2015 | CPAIOR 2015 | 17 | 14 14 22 | 17 30 | 725 | n/a |
| PesantRR15 PesantRR15 | G. Pesant, G. Rix, L.-M. Rousseau | A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem | Yes | [694] | 2015 | CPAIOR 2015 | 16 | 1 1 6 | 7 9 | 764 | n/a |
| VilimLS15 VilimLS15 | P. Vilím, P. Laborie, P. Shaw | Failure-Directed Search for Constraint-Based Scheduling | Yes | [871] | 2015 | CPAIOR 2015 | 17 | 31 31 55 | 19 38 | 844 | n/a |
| BessiereHMQW14 BessiereHMQW14 | C. Bessiere, E. Hebrard, M.-A. Ménard, C.-G. Quimper, T. Walsh | Buffered Resource Constraint: Algorithms and Complexity | Yes | [127] | 2014 | CPAIOR 2014 | 16 | 1 1 1 | 3 7 | 505 | n/a |
| BonfiettiLM14 BonfiettiLM14 | A. Bonfietti, M. Lombardi, M. Milano | Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can! | Yes | [151] | 2014 | CPAIOR 2014 | 16 | 3 3 9 | 12 18 | 519 | n/a |
| DejemeppeD14 DejemeppeD14 | C. Dejemeppe, Y. Deville | Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling | Yes | [240] | 2014 | CPAIOR 2014 | 9 | 0 0 0 | 7 8 | 558 | 952 |
| DoulabiRP14 DoulabiRP14 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling | Yes | [259] | 2014 | CPAIOR 2014 | 9 | 3 3 10 | 10 10 | 567 | n/a |
| KoschB14 KoschB14 | S. Kosch, J. C. Beck | A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes | Yes | [489] | 2014 | CPAIOR 2014 | 16 | 4 4 6 | 18 25 | 671 | n/a |
| LarsonJC14 LarsonJC14 | J. Larson, M. Johansson, M. Carlsson | An Integrated Constraint Programming Approach to Scheduling Sports Leagues with Divisional and Round-Robin Tournaments | Yes | [519] | 2014 | CPAIOR 2014 | 15 | 1 2 4 | 16 21 | 688 | n/a |
| CireCH13 CireCH13 | A. A. Ciré, E. Coban, J. N. Hooker | Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling | Yes | [209] | 2013 | CPAIOR 2013 | 7 | 3 3 13 | 23 28 | 547 | 954 |
| GuSS13 GuSS13 | H. Gu, A. Schutt, P. J. Stuckey | A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects | Yes | [368] | 2013 | CPAIOR 2013 | 7 | 10 10 14 | 24 25 | 622 | 955 |
| HeinzKB13 HeinzKB13 | S. Heinz, W.-Y. Ku, J. C. Beck | Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling | Yes | [403] | 2013 | CPAIOR 2013 | 16 | 9 9 17 | 15 20 | 632 | n/a |
| KelarevaTK13 KelarevaTK13 | E. Kelareva, K. Tierney, P. Kilby | CP Methods for Scheduling and Routing with Time-Dependent Task Costs | Yes | [469] | 2013 | CPAIOR 2013 | 17 | 16 15 13 | 28 39 | 660 | 956 |
| LetortCB13 LetortCB13 | A. Letort, M. Carlsson, N. Beldiceanu | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | Yes | [527] | 2013 | CPAIOR 2013 | 16 | 3 3 4 | 10 16 | 692 | 957 |
| SchuttFS13a SchuttFS13a | A. Schutt, T. Feydy, P. J. Stuckey | Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint | Yes | [767] | 2013 | CPAIOR 2013 | 17 | 20 20 33 | 27 35 | 791 | 958 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| BillautHL12 BillautHL12 | J.-C. Billaut, E. Hebrard, P. Lopez | Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem | Yes | [131] | 2012 | CPAIOR 2012 | 15 | 1 0 2 | 19 28 | 508 | n/a |
| BonfiettiLBM12 BonfiettiLBM12 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | Global Cyclic Cumulative Constraint | Yes | [148] | 2012 | CPAIOR 2012 | 16 | 2 2 4 | 11 18 | 517 | n/a |
| HeinzB12 HeinzB12 | S. Heinz, J. C. Beck | Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling | Yes | [402] | 2012 | CPAIOR 2012 | 17 | 8 7 12 | 21 28 | 631 | n/a |
| RendlPHPR12 RendlPHPR12 | A. Rendl, M. Prandtstetter, G. Hiermann, J. Puchinger, G. R. Raidl | Hybrid Heuristics for Multimodal Homecare Scheduling | Yes | [729] | 2012 | CPAIOR 2012 | 17 | 14 14 24 | 14 22 | 778 | n/a |
| SchuttCSW12 SchuttCSW12 | A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace | Maximising the Net Present Value for Resource-Constrained Project Scheduling | Yes | [766] | 2012 | CPAIOR 2012 | 17 | 18 19 24 | 21 25 | 789 | n/a |
| ChapadosJR11 ChapadosJR11 | N. Chapados, M. Joliveau, L.-M. Rousseau | Retail Store Workforce Scheduling by Expected Operating Income Maximization | Yes | [202] | 2011 | CPAIOR 2011 | 6 | 5 5 12 | 12 13 | 542 | n/a |
| EdisO11 EdisO11 | E. B. Edis, C. Oguz | Parallel Machine Scheduling with Additional Resources: A Lagrangian-Based Constraint Programming Approach | Yes | [264] | 2011 | CPAIOR 2011 | 7 | 5 5 15 | 16 21 | 570 | n/a |
| LahimerLH11 LahimerLH11 | A. Lahimer, P. Lopez, M. Haouari | Climbing Depth-Bounded Adjacent Discrepancy Search for Solving Hybrid Flow Shop Scheduling Problems with Multiprocessor Tasks | Yes | [516] | 2011 | CPAIOR 2011 | 14 | 3 3 5 | 15 23 | 687 | n/a |
| LombardiBMB11 LombardiBMB11 | M. Lombardi, A. Bonfietti, M. Milano, L. Benini | Precedence Constraint Posting for Cyclic Scheduling Problems | Yes | [550] | 2011 | CPAIOR 2011 | 17 | 1 1 3 | 13 26 | 708 | n/a |
| Vilim11 Vilim11 | P. Vilím | Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources | Yes | [868] | 2011 | CPAIOR 2011 | 16 | 28 29 46 | 6 11 | 842 | n/a |
| BertholdHLMS10 BertholdHLMS10 | T. Berthold, S. Heinz, M. E. Lübbecke, R. H. Möhring, J. Schulz | A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling | Yes | [126] | 2010 | CPAIOR 2010 | 5 | 28 27 34 | 10 13 | 504 | n/a |
| CobanH10 CobanH10 | E. Coban, J. N. Hooker | Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition | Yes | [214] | 2010 | CPAIOR 2010 | 5 | 9 9 10 | 9 11 | 549 | n/a |
| Davenport10 Davenport10 | A. J. Davenport | Integrated Maintenance Scheduling for Semiconductor Manufacturing | Yes | [229] | 2010 | CPAIOR 2010 | 5 | 9 9 13 | 2 2 | 555 | n/a |
| GrimesH10 GrimesH10 | D. Grimes, E. Hebrard | Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach | Yes | [358] | 2010 | CPAIOR 2010 | 15 | 13 13 20 | 20 29 | 616 | n/a |
| Acuna-AgostMFG09 Acuna-AgostMFG09 | R. Acuna-Agost, P. Michelon, D. Feillet, S. Gueye | Constraint Programming and Mixed Integer Linear Programming for Rescheduling Trains under Disrupted Operations | Yes | [9] | 2009 | CPAIOR 2009 | 2 | 3 3 5 | 2 5 | 450 | n/a |
| Laborie09 Laborie09 | P. Laborie | IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems | Yes | [510] | 2009 | CPAIOR 2009 | 15 | 53 52 91 | 2 9 | 684 | n/a |
| Vilim09a Vilim09a | P. Vilím | Max Energy Filtering Algorithm for Discrete Cumulative Resources | Yes | [867] | 2009 | CPAIOR 2009 | 15 | 13 13 18 | 4 7 | 841 | n/a |
| AchterbergBKW08 AchterbergBKW08 | T. Achterberg, T. Berthold, T. Koch, K. Wolter | Constraint Integer Programming: A New Approach to Integrate CP and MIP | Yes | [8] | 2008 | CPAIOR 2008 | 15 | 80 80 125 | 25 43 | 449 | n/a |
| BarlattCG08 BarlattCG08 | A. Barlatt, A. M. Cohn, O. Y. Gusikhin | A Hybrid Approach for Solving Shift-Selection and Task-Sequencing Problems | Yes | [73] | 2008 | CPAIOR 2008 | 5 | 1 1 1 | 9 10 | 476 | n/a |
| BeldiceanuCP08 BeldiceanuCP08 | N. Beldiceanu, M. Carlsson, E. Poder | New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles | Yes | [110] | 2008 | CPAIOR 2008 | 15 | 8 8 18 | 9 13 | 494 | n/a |
| BeniniLMMR08 BeniniLMMR08 | L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero | Multi-stage Benders Decomposition for Optimizing Multicore Architectures | Yes | [121] | 2008 | CPAIOR 2008 | 15 | 12 12 17 | 13 17 | 501 | n/a |
| DoomsH08 DoomsH08 | G. Dooms, P. V. Hentenryck | Gap Reduction Techniques for Online Stochastic Project Scheduling | Yes | [255] | 2008 | CPAIOR 2008 | 16 | 1 1 0 | 2 8 | 566 | n/a |
| HentenryckM08 HentenryckM08 | P. V. Hentenryck, L. Michel | The Steel Mill Slab Design Problem Revisited | Yes | [412] | 2008 | CPAIOR 2008 | 5 | 13 14 23 | 3 7 | 635 | n/a |
| LauLN08 LauLN08 | H. C. Lau, K. W. Lye, V. B. Nguyen | A Combinatorial Auction Framework for Solving Decentralized Scheduling Problems (Extended Abstract) | Yes | [520] | 2008 | CPAIOR 2008 | 5 | 0 0 0 | 4 5 | 689 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| WatsonB08 WatsonB08 | J.-P. Watson, J. C. Beck | A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem | Yes | [884] | 2008 | CPAIOR 2008 | 15 | 14 14 24 | 17 25 | 849 | n/a |
| AkkerDH07 AkkerDH07 | J. M. van den Akker, G. Diepen, J. A. Hoogeveen | A Column Generation Based Destructive Lower Bound for Resource Constrained Project Scheduling Problems | Yes | [856] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 8 10 | 452 | n/a |
| BeldiceanuP07 BeldiceanuP07 | N. Beldiceanu, E. Poder | A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production | Yes | [112] | 2007 | CPAIOR 2007 | 15 | 4 4 6 | 7 12 | 495 | n/a |
| KeriK07 KeriK07 | A. Kéri, T. Kis | Computing Tight Time Windows for RCPSPWET with the Primal-Dual Method | Yes | [473] | 2007 | CPAIOR 2007 | 14 | 1 1 2 | 13 21 | 662 | n/a |
| KovacsB07 KovacsB07 | A. Kovács, J. C. Beck | A Global Constraint for Total Weighted Completion Time | Yes | [491] | 2007 | CPAIOR 2007 | 15 | 2 2 4 | 12 18 | 673 | n/a |
| MonetteDD07 MonetteDD07 | J.-N. Monette, Y. Deville, P. Dupont | A Position-Based Propagator for the Open-Shop Problem | Yes | [614] | 2007 | CPAIOR 2007 | 14 | 0 0 1 | 12 15 | 731 | n/a |
| RossiTHP07 RossiTHP07 | R. Rossi, A. Tarim, B. Hnich, S. D. Prestwich | Replenishment Planning for Stochastic Inventory Systems with Shortage Cost | Yes | [746] | 2007 | CPAIOR 2007 | 15 | 6 6 9 | 10 17 | 784 | n/a |
| BeniniBGM06 BeniniBGM06 | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs | Yes | [120] | 2006 | CPAIOR 2006 | 15 | 18 19 19 | 10 12 | 500 | n/a |
| KovacsV06 KovacsV06 | A. Kovács, J. Váncza | Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP | Yes | [497] | 2006 | CPAIOR 2006 | 13 | 2 2 3 | 7 13 | 677 | n/a |
| RasmussenT06 RasmussenT06 | R. V. Rasmussen, M. A. Trick | The Timetable Constrained Distance Minimization Problem | Yes | [723] | 2006 | CPAIOR 2006 | 15 | 10 12 19 | 14 16 | 775 | n/a |
| ChuX05 ChuX05 | Y. Chu, Q. Xia | A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems | Yes | [205] | 2005 | CPAIOR 2005 | 15 | 13 13 21 | 13 15 | 544 | n/a |
| FrankK05 FrankK05 | J. Frank, E. Kürklü | Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations | Yes | [309] | 2005 | CPAIOR 2005 | 18 | 4 4 4 | 4 15 | 589 | n/a |
| Hooker05b Hooker05b | J. N. Hooker | A Search-Infer-and-Relax Framework for Integrating Solution Methods | Yes | [426] | 2005 | CPAIOR 2005 | 15 | 7 6 12 | 19 26 | 642 | n/a |
| Vilim05 Vilim05 | P. Vilím | Computing Explanations for the Unary Resource Constraint | Yes | [865] | 2005 | CPAIOR 2005 | 14 | 5 5 6 | 8 11 | 839 | n/a |
| ArtiguesBF04 ArtiguesBF04 | C. Artigues, S. Belmokhtar, D. Feillet | A New Exact Solution Algorithm for the Job Shop Problem with Sequence-Dependent Setup Times | Yes | [42] | 2004 | CPAIOR 2004 | 13 | 16 17 17 | 9 16 | 463 | n/a |
| HentenryckM04 HentenryckM04 | P. V. Hentenryck, L. Michel | Scheduling Abstractions for Local Search | Yes | [411] | 2004 | CPAIOR 2004 | 16 | 12 12 16 | 14 21 | 634 | n/a |
| MaraveliasG04 MaraveliasG04 | C. T. Maravelias, I. E. Grossmann | Using MILP and CP for the Scheduling of Batch Chemical Processes | Yes | [586] | 2004 | CPAIOR 2004 | 20 | 15 14 23 | 15 23 | 723 | n/a |
| Sadykov04 Sadykov04 | R. Sadykov | A Hybrid Branch-And-Cut Algorithm for the One-Machine Scheduling Problem | Yes | [753] | 2004 | CPAIOR 2004 | 7 | 11 11 10 | 7 10 | 786 | n/a |
| Vilim04 Vilim04 | P. Vilím | O(n log n) Filtering Algorithms for Unary Resource Constraint | Yes | [864] | 2004 | CPAIOR 2004 | 13 | 22 22 32 | 5 11 | 838 | n/a |

## F.18 CSCLP

Table 135: Papers in Conference Series CSCLP (Total 4) (Total 4)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SimonisH11 SimonisH11 | H. Simonis, T. Hadzic | A Resource Cost Aware Cumulative | Yes | [794] | 2011 | CSCLP 2011 | 14 | 3 3 7 | 9 10 | 804 | n/a |
| Wolf11 Wolf11 | A. Wolf | Constraint-Based Modeling and Scheduling of Clinical Pathways | Yes | [892] | 2011 | CSCLP 2011 | 17 | 5 5 6 | 19 26 | 856 | n/a |
| Wallace06 Wallace06 | M. G. Wallace | Hybrid Algorithms in Constraint Programming | Yes | [876] | 2006 | CSCLP 2006 | 32 | 1 1 3 | 35 63 | 845 | n/a |
| Wolf05 Wolf05 | A. Wolf | Better Propagation for Non-preemptive Single-Resource Constraint Problems | Yes | [891] | 2005 | CSCLP 2005 | 15 | 4 4 4 | 8 12 | 854 | n/a |

## F.19 CSE

Table 136: Papers in Conference Series CSE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MouraSCL08a MouraSCL08a | A. V. Moura, C. C. de Souza, A. A. Ciré, T. M. T. Lopes | Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem | Yes | [620] | 2008 | CSE 2008 | 8 | 5 5 10 | 14 21 | 736 | n/a |

## F.20 Canadian AI

Table 137: Papers in Conference Series Canadian AI (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TanT18 TanT18 | Y. Tan, D. Terekhov | Logic-Based Benders Decomposition for Two-Stage Flexible Flow Shop Scheduling with Unrelated Parallel Machines | Yes | [810] | 2018 | Canadian AI 2018 | 12 | 1 1 2 | 23 23 | 812 | n/a |

## F.21 Chinese Control and Decision Conference

Table 138: Papers in Conference Series Chinese Control and Decision Conference (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TanSD10 TanSD10 | Y. Tan, S. Liu, D. Wang | A constraint programming-based branch and bound algorithm for job shop problems | Yes | [811] | 2010 | Chinese Control and Decision Conference 2010 | 6 | 1 0 4 | 11 0 | 811 | n/a |

## F.22 CoDIT

Table 139: Papers in Conference Series CoDIT (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OujanaAYB22 OujanaAYB22 | S. Oujana, L. Amodeo, F. Yalaoui, D. Brodart | Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company | Yes | [673] | 2022 | CoDIT 2022 | 6 | 1 1 2 | 21 24 | 755 | 899 |

## F.23 Constraint Programming

Table 140: Papers in Conference Series Constraint Programming (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Wallace94 Wallace94 | M. G. Wallace | Applying Constraints for Scheduling | No | [874] | 1994 | Constraint Programming 1994 | 19 | 0 0 0 | 0 0 | No | n/a |

## F.24 DC SIAAI

Table 141: Papers in Conference Series DC SIAAI (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonfiettiM12 BonfiettiM12 | A. Bonfietti, M. Milano | A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem | Yes | [152] | 2012 | DC SIAAI 2012 | 3 | 0 0 0 | 0 0 | 520 | n/a |

## F.25 DIMACS

Table 142: Papers in Conference Series DIMACS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PembertonG98 PembertonG98 | J. C. Pemberton, F. G. III | A constraint-based approach to satellite scheduling | Yes | [686] | 1998 | DIMACS 1998 | 14 | 26 0 0 | 0 0 | 760 | n/a |

## F.26 DSD

Table 143: Papers in Conference Series DSD (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WolinskiKG04 WolinskiKG04 | C. Wolinski, K. Kuchcinski, M. B. Gokhale | A Constraints Programming Approach to Communication Scheduling on SoPC Architectures | Yes | [896] | 2004 | DSD 2004 | 8 | 0 0 1 | 9 14 | 858 | n/a |

## F.27 ECAI

Table 144: Papers in Conference Series ECAI (Total 18) (Total 18)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bit-Monnot23 Bit-Monnot23 | A. Bit-Monnot | Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling | Yes | [132] | 2023 | ECAI 2023 | 8 | 0 0 0 | 0 0 | 509 | 876 |
| WangB20 WangB20 | R. Wang, N. Barnier | Global Propagation of Transition Cost for Fixed Job Scheduling | Yes | [879] | 2020 | ECAI 2020 | 8 | 0 0 0 | 0 0 | 847 | 926 |
| BridiLBBM16 BridiLBBM16 | T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano | DARDIS: Distributed And Randomized DIspatching and Scheduling | Yes | [167] | 2016 | ECAI 2016 | 2 | 0 0 0 | 0 0 | 526 | n/a |
| TranB12 TranB12 | T. T. Tran, J. C. Beck | Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups | Yes | [837] | 2012 | ECAI 2012 | 6 | 0 0 30 | 0 0 | 826 | n/a |
| OddiRC10 OddiRC10 | A. Oddi, R. Rasconi, A. Cesta | Project Scheduling as a Disjunctive Temporal Problem | Yes | [663] | 2010 | ECAI 2010 | 2 | 0 0 2 | 0 0 | 749 | n/a |
| Hunsberger08 Hunsberger08 | L. Hunsberger | A Practical Temporal Constraint Management System for Real-Time Applications | Yes | [441] | 2008 | ECAI 2008 | 5 | 0 0 1 | 0 0 | 646 | n/a |
| BeckW04 BeckW04 | J. C. Beck, N. Wilson | Job Shop Scheduling with Probabilistic Durations | Yes | [100] | 2004 | ECAI 2004 | 5 | 0 0 0 | 0 0 | 489 | n/a |
| TsurutaS00 TsurutaS00 | T. Tsuruta, T. Shintani | Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm | No | [849] | 2000 | ECAI 2000 | 5 | 0 0 0 | 0 0 | No | n/a |
| WallaceF00 WallaceF00 | R. J. Wallace, E. C. Freuder | Dispatchability Conditions for Schedules with Consumable Resources | Yes | [878] | 2000 | ECAI 2000 | 7 | 0 0 0 | 0 0 | 846 | n/a |
| SakkoutRW98 SakkoutRW98 | H. E. Sakkout, T. Richards, M. G. Wallace | Minimal Perturbance in Dynamic Scheduling | No | [755] | 1998 | ECAI 1998 | 5 | 0 0 0 | 0 0 | No | n/a |
| PapeB96 PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | No | [682] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| Schaerf96 Schaerf96 | A. Schaerf | Scheduling Sport Tournaments using Constraint Logic Programming | No | [758] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| StidsenKM96 StidsenKM96 | T. R. Stidsen, L. V. Kragelund, O. Mateescu | Jobshop Scheduling in a Shipyard | No | [799] | 1996 | ECAI 1996 | 8 | 0 0 0 | 0 0 | No | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |
| NuijtenA94a NuijtenA94a | W. P. M. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | No | [656] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| Rodosek94 Rodosek94 | R. Rodosek | Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective | No | [734] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |

Table 144: Papers in Conference Series ECAI (Total 18) (Total 18)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YeGMH94 YeGMH94 | P. Ye, D. Glass, M. F. McTear, J. G. Hughes | Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm | No | [900] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| FoxS90 FoxS90 | M. S. Fox, N. M. Sadeh | Why is Scheduling Difficult? A CSP Perspective | Yes | [306] | 1990 | ECAI 1990 | 14 | 0 0 0 | 0 0 | 586 | n/a |

## F.28 ECC

Table 145: Papers in Conference Series ECC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KorbaaYG99 KorbaaYG99 | O. Korbaa, P. Yim, J.-C. Gentina | Solving transient scheduling problem for cyclic production using timed Petri nets and constraint programming | Yes | [487] | 1999 | ECC 1999 | 8 | 1 1 1 | 0 0 | 670 | n/a |

## F.29 ERCIM/CologNet

Table 146: Papers in Conference Series ERCIM/CologNet (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bartak02a Bartak02a | R. Barták | Visopt ShopFloor: Going Beyond Traditional Scheduling | Yes | [74] | 2002 | ERCIM/CologNet 2002 | 15 | 1 1 1 | 9 22 | 478 | n/a |

## F.30 ESCAPE

Table 147: Papers in Conference Series ESCAPE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MagataoAN05 MagataoAN05 | L. Magatao, L. Arruda, F. Neves-Jr | Using CLP and MILP for scheduling commodities in a pipeline | No | [575] | 2005 | ESCAPE 2005 | 6 | 7 7 12 | 2 7 | No | n/a |

## F.31 EUROCAST

Table 148: Papers in Conference Series EUROCAST (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FrohnerTR19 FrohnerTR19 | N. Frohner, S. Teuschl, G. R. Raidl | Casual Employee Scheduling with Constraint Programming and Metaheuristics | Yes | [314] | 2019 | EUROCAST 2019 | 9 | 0 0 0 | 6 7 | 591 | n/a |

## F.32 EUROMICRO

Table 149: Papers in Conference Series EUROMICRO (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GruianK98 GruianK98 | F. Gruian, K. Kuchcinski | Operation Binding and Scheduling for Low Power Using Constraint Logic Programming | Yes | [367] | 1998 | EUROMICRO 1998 | 8 | 5 5 8 | 10 16 | 621 | n/a |

## F.33 FSKD

Table 150: Papers in Conference Series FSKD (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhouGL15 ZhouGL15 | J. Zhou, Y. Guo, G. Li | On complex hybrid flexible flowshop scheduling problems based on constraint programming | Yes | [928] | 2015 | FSKD 2015 | 5 | 0 0 2 | 16 0 | 869 | n/a |

## F.34 FUZZ-IEEE

Table 151: Papers in Conference Series FUZZ-IEEE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tom19 Tom19 | M. Tom | Fuzzy Multi-Constraint Programming Model for Weekly Meals Scheduling | Yes | [830] | 2019 | FUZZ-IEEE 2019 | 6 | 0 0 0 | 21 24 | 823 | n/a |

## F.35 Fog-IoT

Table 152: Papers in Conference Series Fog-IoT (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BarzegaranZP20 BarzegaranZP20 | M. Barzegaran, B. Zarrin, P. Pop | Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming | Yes | [84] | 2020 | Fog-IoT 2020 | 9 | 0 0 0 | 0 0 | 481 | 918 |

## F.36 GECCO

Table 153: Papers in Conference Series GECCO (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GroleazNS20a GroleazNS20a | L. Groleaz, S. N. Ndiaye, C. Solnon | ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint | Yes | [364] | 2020 | GECCO 2020 | 9 | 3 3 3 | 28 31 | 620 | 921 |

## F.37 GOR

Table 154: Papers in Conference Series GOR (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FriedrichFMRSST14 FriedrichFMRSST14 | G. Friedrich, M. Frühstück, V. Mersheeva, A. Ryabokon, M. Sander, A. Starzacher, E. Teppan | Representing Production Scheduling with Constraint Answer Set Programming | No | [310] | 2014 | GOR 2014 | 7 | 3 3 0 | 2 6 | No | n/a |
| Limtanyakul07 Limtanyakul07 | K. Limtanyakul | Scheduling of Tests on Vehicle Prototypes Using Constraint and Integer Programming | Yes | [538] | 2007 | GOR 2007 | 6 | 2 2 0 | 3 6 | 700 | n/a |

## F.38 GreenCom

Table 155: Papers in Conference Series GreenCom (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SunLYL10 SunLYL10 | Z. Sun, H. Li, M. Yao, N. Li | Scheduling Optimization Techniques for FlexRay Using Constraint-Programming | Yes | [805] | 2010 | GreenCom 2010 | 6 | 4 4 3 | 8 17 | 808 | n/a |

## F.39 HM

Table 156: Papers in Conference Series HM (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ThiruvadyBME09 ThiruvadyBME09 | D. R. Thiruvady, C. Blum, B. Meyer, A. T. Ernst | Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling | Yes | [825] | 2009 | HM 2009 | 15 | 13 12 15 | 12 19 | 820 | n/a |

## F.40 ICAART

Table 157: Papers in Conference Series ICAART (Total 5) (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SvancaraB22 SvancaraB22 | J. Svancara, R. Barták | Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling | Yes | [807] | 2022 | ICAART 2022 | 8 | 0 0 0 | 0 0 | 809 | n/a |
| Teppan22 Teppan22 | E. C. Teppan | Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment | Yes | [820] | 2022 | ICAART 2022 | 8 | 0 1 4 | 0 0 | 817 | 902 |
| TouatBT22 TouatBT22 | M. Touat, B. Benhamou, F. B.-S. Tayeb | A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints | Yes | [834] | 2022 | ICAART 2022 | 8 | 0 0 0 | 0 0 | 824 | 903 |
| LiuLH19a LiuLH19a | K. Liu, S. Loeffler, P. Hofstedt | Solving the Social Golfers Problems by Constraint Programming in Sequential and Parallel | Yes | [542] | 2019 | ICAART 2019 | 11 | 3 3 4 | 0 0 | 706 | n/a |
| BartakV15 BartakV15 | R. Barták, M. Vlk | Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints | Yes | [80] | 2015 | ICAART 2015 | 12 | 0 0 1 | 0 0 | 479 | n/a |

## F.41 ICAPS

Table 158: Papers in Conference Series ICAPS (Total 18) (Total 18)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 TasselGS23 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [817] | 2023 | ICAPS 2023 | 9 | 0 1 2 | 0 0 | 816 | 888 |
| ZhangBB22 ZhangBB22 | J. Zhang, G. L. Bianco, J. C. Beck | Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware | Yes | [921] | 2022 | ICAPS 2022 | 9 | 1 2 2 | 0 0 | 865 | n/a |
| KletzanderM20 KletzanderM20 | L. Kletzander, N. Musliu | Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints | Yes | [481] | 2020 | ICAPS 2020 | 10 | 0 0 0 | 0 0 | 668 | n/a |
| SenderovichBB19 SenderovichBB19 | A. Senderovich, K. E. C. Booth, J. C. Beck | Learning Scheduling Models from Event Data | Yes | [777] | 2019 | ICAPS 2019 | 9 | 0 0 0 | 0 0 | 796 | 935 |
| RiahiNS018 RiahiNS018 | V. Riahi, M. A. H. Newton, K. Su, A. Sattar | Local Search for Flowshops with Setup Times and Blocking Constraints | Yes | [730] | 2018 | ICAPS 2018 | 9 | 4 4 0 | 0 0 | 779 | n/a |
| FrankDT16 FrankDT16 | J. Frank, M. Do, T. T. Tran | Scheduling Ocean Color Observations for a GEO-Stationary Satellite | Yes | [307] | 2016 | ICAPS 2016 | 9 | 4 5 0 | 0 0 | 587 | n/a |
| LipovetzkyBPS14 LipovetzkyBPS14 | N. Lipovetzky, C. N. Burt, A. R. Pearce, P. J. Stuckey | Planning for Mining Operations with Time and Resource Constraints | Yes | [540] | 2014 | ICAPS 2014 | 9 | 5 5 0 | 0 0 | 701 | n/a |
| BonfiettiLM13 BonfiettiLM13 | A. Bonfietti, M. Lombardi, M. Milano | De-Cycling Cyclic Scheduling Problems | Yes | [150] | 2013 | ICAPS 2013 | 5 | 1 1 0 | 0 0 | 518 | n/a |
| LombardiM13 LombardiM13 | M. Lombardi, M. Milano | A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling | Yes | [556] | 2013 | ICAPS 2013 | 2 | 3 0 0 | 13 0 | 711 | n/a |
| MalapertCGJLR13 MalapertCGJLR13 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [580] | 2013 | ICAPS 2013 | 2 | 0 0 0 | 0 0 | 721 | n/a |
| TranTDB13 TranTDB13 | T. T. Tran, D. Terekhov, D. G. Down, J. C. Beck | Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times | Yes | [840] | 2013 | ICAPS 2013 | 9 | 2 2 0 | 0 0 | 828 | n/a |
| BajestaniB11 BajestaniB11 | M. A. Bajestani, J. C. Beck | Scheduling an Aircraft Repair Shop | Yes | [57] | 2011 | ICAPS 2011 | 8 | 2 2 0 | 0 0 | 469 | n/a |
| MonetteDH09 MonetteDH09 | J.-N. Monette, Y. Deville, P. V. Hentenryck | Just-In-Time Scheduling with Constraint Programming | Yes | [615] | 2009 | ICAPS 2009 | 8 | 9 10 0 | 0 0 | 732 | n/a |
| PoderB08 PoderB08 | E. Poder, N. Beldiceanu | Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production | Yes | [700] | 2008 | ICAPS 2008 | 8 | 0 0 0 | 0 0 | 765 | n/a |
| Beck06 Beck06 | J. C. Beck | An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling | Yes | [86] | 2006 | ICAPS 2006 | 10 | 0 0 0 | 0 0 | 482 | n/a |
| GodardLN05 GodardLN05 | D. Godard, P. Laborie, W. Nuijten | Randomized Large Neighborhood Search for Cumulative Scheduling | Yes | [343] | 2005 | ICAPS 2005 | 9 | 0 0 0 | 0 0 | 610 | n/a |
| BeckPS03 BeckPS03 | J. C. Beck, P. Prosser, E. Selensky | Vehicle Routing and Job Shop Scheduling: What's the Difference? | Yes | [98] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 488 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |

## F.42 ICCL

Table 159: Papers in Conference Series ICCL (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BenderWS21 BenderWS21 | T. Bender, D. Wittwer, T. Schmidt | Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics | Yes | [114] | 2021 | ICCL 2021 | 16 | 1 1 2 | 16 20 | 496 | 909 |

## F.43 ICMSAO

Table 160: Papers in Conference Series ICMSAO (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HamdiL13 HamdiL13 | I. Hamdi, T. Loukil | Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags | Yes | [385] | 2013 | ICMSAO 2013 | 7 | 2 2 4 | 11 13 | 624 | n/a |

## F.44 ICNC

Table 161: Papers in Conference Series ICNC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MakMS10 MakMS10 | K.-L. Mak, J. Ma, W. Su | A constraint programming approach for production scheduling of multi-period virtual cellular manufacturing systems | Yes | [577] | 2010 | ICNC 2010 | 5 | 1 0 1 | 3 5 | 720 | n/a |

## F.45 ICNSC

Table 162: Papers in Conference Series ICNSC (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LiFJZLL22 LiFJZLL22 | X. Li, J. Fu, Z. Jia, Z. Zhao, S. Li, S. Liu | Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment | Yes | [531] | 2022 | ICNSC 2022 | 6 | 0 1 1 | 31 34 | 693 | 896 |
| ZhangJZL22 ZhangJZL22 | H. Zhang, Y. Ji, Z. Zhao, S. Liu | Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem | Yes | [920] | 2022 | ICNSC 2022 | 6 | 0 1 1 | 21 24 | 866 | 905 |

## F.46 ICORES

Table 163: Papers in Conference Series ICORES (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonninMNE24 BonninMNE24 | C. Bonnin, A. Malapert, M. Nattaf, M.-L. Espinouse | Toward a Global Constraint for Minimizing the Flowtime | Yes | [154] | 2024 | ICORES 2024 | 12 | 0 0 0 | 0 0 | 522 | n/a |
| ArtiguesHQT21 ArtiguesHQT21 | C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint | Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms | Yes | [45] | 2021 | ICORES 2021 | 8 | 0 0 0 | 0 0 | 464 | n/a |

## F.47 ICPADS

Table 164: Papers in Conference Series ICPADS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Madi-WambaLOBM17 Madi-WambaLOBM17 | G. Madi-Wamba, Y. Li, A.-C. Orgerie, N. Beldiceanu, J.-M. Menaud | Green Energy Aware Scheduling Problem in Virtualized Datacenters | Yes | [574] | 2017 | ICPADS 2017 | 8 | 1 1 1 | 8 18 | 718 | n/a |

## F.48 ICPC

Table 165: Papers in Conference Series ICPC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZibranR11 ZibranR11 | M. F. Zibran, C. K. Roy | Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach | Yes | [931] | 2011 | ICPC 2011 | 4 | 17 16 19 | 18 24 | 871 | n/a |

## F.49 ICRA

Table 166: Papers in Conference Series ICRA (Total 4) (Total 4)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BehrensLM19 BehrensLM19 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [105] | 2019 | ICRA 2019 | 7 | 12 17 27 | 18 27 | 491 | 929 |
| LouieVNB14 LouieVNB14 | W.-Y. G. Louie, T. S. Vaquero, G. Nejat, J. C. Beck | An autonomous assistive robot for planning, scheduling and facilitating multi-user activities | Yes | [562] | 2014 | ICRA 2014 | 7 | 16 16 28 | 9 21 | 712 | n/a |
| QuirogaZH05 QuirogaZH05 | O. Quiroga, L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS | Yes | [720] | 2005 | ICRA 2005 | 6 | 2 1 2 | 7 11 | 774 | n/a |
| BaptisteLV92 BaptisteLV92 | P. Baptiste, B. Legeard, C. Varnier | Hoist scheduling problem: an approach based on constraint logic programming | Yes | [71] | 1992 | ICRA 1992 | 6 | 13 11 0 | 6 14 | 472 | n/a |

## F.50 ICROMA

Table 167: Papers in Conference Series ICROMA (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |

## F.51 ICTAI

Table 168: Papers in Conference Series ICTAI (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PerezGSL23 PerezGSL23 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports | Yes | [689] | 2023 | ICTAI 2023 | 7 | 0 0 0 | 0 19 | 761 | 884 |
| WangB23 WangB23 | R. Wang, N. Barnier | Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling | Yes | [880] | 2023 | ICTAI 2023 | 8 | 0 0 0 | 0 19 | 848 | 889 |
| AntunesABD18 AntunesABD18 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [29] | 2018 | ICTAI 2018 | 8 | 1 1 3 | 24 29 | 456 | n/a |

## F.52 IDC

Table 169: Papers in Conference Series IDC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BadicaBIL19 BadicaBIL19 | A. Badica, C. Badica, M. Ivanovic, D. Logofatu | Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming | Yes | [56] | 2019 | IDC 2019 | 11 | 2 2 3 | 6 9 | 468 | 928 |

## F.53 IEEE International Conference on Automation and Logistics

Table 170: Papers in Conference Series IEEE International Conference on Automation and Logistics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RenT09 RenT09 | H. Ren, L. Tang | An improved hybrid MILP/CP algorithm framework for the job-shop scheduling | Yes | [728] | 2009 | IEEE International Conference on Automation and Logistics 2009 | 5 | 2 3 4 | 12 14 | 777 | n/a |

## F.54 IESM

Table 171: Papers in Conference Series IESM (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MeskensDHG11 MeskensDHG11 | N. Meskens, D. Duvivier, A. Hanset, D. Gossart | Multi-objective Constraint programming for Scheduling Operating Theatres | Yes | [603] | 2011 | IESM 2011 | 10 | 0 0 0 | 0 0 | 727 | n/a |

## F.55 IJCAI

Table 172: Papers in Conference Series IJCAI (Total 29) (Total 29)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BofillCGGPSV23 BofillCGGPSV23 | M. Bofill, J. Coll, M. Garcia, J. Giráldez-Cru, G. Pesant, J. Suy, M. Villaret | Constraint Solving Approaches to the Business-to-Business Meeting Scheduling Problem (Extended Abstract) | Yes | [141] | 2023 | IJCAI 2023 | 2 | 0 0 0 | 0 0 | 510 | n/a |
| IklassovMR023 IklassovMR023 | Z. Iklassov, D. Medvedev, Ruben Solozabal Ochoa de Retana, M. Takác | On the Study of Curriculum Learning for Inferring Dispatching Policies on the Job Shop Scheduling | Yes | [444] | 2023 | IJCAI 2023 | 9 | 0 0 0 | 0 0 | 648 | 878 |
| HebrardALLCMR22 HebrardALLCMR22 | E. Hebrard, C. Artigues, P. Lopez, A. Lusson, S. A. Chien, A. Maillard, G. R. Rabideau | An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration | Yes | [396] | 2022 | IJCAI 2022 | 7 | 0 0 0 | 0 0 | 628 | n/a |
| Tassel22 Tassel22 | P. Tassel | Adaptive Artificial Intelligence Scheduling Methods for Large-Scale, Stochastic, Industrial Applications | Yes | [816] | 2022 | IJCAI 2022 | 2 | 0 0 0 | 0 0 | 815 | 901 |
| BhatnagarKL19 BhatnagarKL19 | S. Bhatnagar, A. Kumar, H. C. Lau | Decision Making for Improving Maritime Traffic Safety Using Constraint Programming | Yes | [128] | 2019 | IJCAI 2019 | 7 | 1 1 0 | 0 0 | 506 | n/a |
| PachecoPR19 PachecoPR19 | A. Pacheco, C. Pralet, S. Roussel | Constraint-Based Scheduling with Complex Setup Operations: An Iterative Two-Layer Approach | Yes | [678] | 2019 | IJCAI 2019 | 7 | 1 1 0 | 0 0 | 756 | n/a |
| BofillCSV17a BofillCSV17a | M. Bofill, J. Coll, J. Suy, M. Villaret | Compact MDDs for Pseudo-Boolean Constraints with At-Most-One Relations in Resource-Constrained Scheduling Problems | Yes | [142] | 2017 | IJCAI 2017 | 8 | 6 7 0 | 0 0 | 512 | n/a |
| ErkingerM17 ErkingerM17 | C. Erkinger, N. Musliu | Personnel Scheduling as Satisfiability Modulo Theories | Yes | [277] | 2017 | IJCAI 2017 | 8 | 4 4 0 | 0 0 | 576 | n/a |
| TranVNB17a TranVNB17a | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract) | Yes | [842] | 2017 | IJCAI 2017 | 5 | 1 1 0 | 0 0 | 829 | n/a |
| CatusseCBL16 CatusseCBL16 | N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A.-M. Lagrange, P. Rubini | A Branch-and-Price Algorithm for Scheduling Observations on a Telescope | Yes | [193] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 536 | n/a |
| GingrasQ16 GingrasQ16 | V. Gingras, C.-G. Quimper | Generalizing the Edge-Finder Rule for the Cumulative Constraint | Yes | [341] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 608 | n/a |
| Maillard15 Maillard15 | A. Maillard | Flexible Scheduling for an Agile Earth-Observing Satelllite | Yes | [576] | 2015 | IJCAI 2015 | 2 | 0 0 0 | 0 0 | 719 | n/a |
| ChuGNSW13 ChuGNSW13 | G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh | On the Complexity of Global Scheduling Constraints under Structural Restrictions | Yes | [204] | 2013 | IJCAI 2013 | 7 | 0 0 0 | 0 0 | 543 | n/a |
| OddiRCS11 OddiRCS11 | A. Oddi, R. Rasconi, A. Cesta, S. F. Smith | Iterative Flattening Search for the Flexible Job Shop Scheduling Problem | Yes | [664] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 750 | n/a |
| PacinoH11 PacinoH11 | D. Pacino, P. V. Hentenryck | Large Neighborhood Search and Adaptive Randomized Decompositions for Flexible Jobshop Scheduling | Yes | [679] | 2011 | IJCAI 2011 | 6 | 0 0 0 | 0 0 | 757 | n/a |
| BidotVLB07 BidotVLB07 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A General Framework for Scheduling in a Stochastic Environment | Yes | [129] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 507 | n/a |
| KusterJF07 KusterJF07 | J. Kuster, D. Jannach, G. Friedrich | Handling Alternative Activities in Resource-Constrained Project Scheduling Problems | Yes | [506] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 682 | n/a |
| SultanikMR07 SultanikMR07 | E. Sultanik, P. J. Modi, W. C. Regli | On Modeling Multiagent Task Scheduling as a Distributed Constraint Optimization Problem | Yes | [802] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 807 | n/a |
| BeckW05 BeckW05 | J. C. Beck, N. Wilson | Proactive Algorithms for Scheduling with Probabilistic Durations | Yes | [101] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 490 | n/a |
| BeniniBGM05a BeniniBGM05a | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via decomposition and no-good generation | Yes | [119] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 499 | n/a |
| Laborie05 Laborie05 | P. Laborie | Complete MCS-Based Search: Application to Resource Constrained Project Scheduling | Yes | [509] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 683 | n/a |

Table 172: Papers in Conference Series IJCAI (Total 29) (Total 29)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Musliu05 Musliu05 | N. Musliu | Combination of Local Search Strategies for Rotating Workforce Scheduling Problem | Yes | [629] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 742 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| DraperJCJ99 DraperJCJ99 | D. Draper, A. K. Jónsson, D. P. Clements, D. Joslin | Cyclic Scheduling | Yes | [261] | 1999 | IJCAI 1999 | 6 | 0 0 0 | 0 0 | 568 | n/a |
| Schaerf97 Schaerf97 | A. Schaerf | Combining Local Search and Look-Ahead for Scheduling and Constraint Satisfaction Problems | Yes | [759] | 1997 | IJCAI 1997 | 6 | 0 0 0 | 0 0 | 787 | n/a |
| BaptisteP95 BaptisteP95 | P. Baptiste, C. L. Pape | A Theoretical and Experimental Comparison of Constraint Propagation Techniques for Disjunctive Scheduling | Yes | [67] | 1995 | IJCAI 1995 | 7 | 0 0 0 | 0 0 | 473 | n/a |
| FeldmanG89 FeldmanG89 | R. Feldman, M. C. Golumbic | Constraint Satisfiability Algorithms for Interactive Student Scheduling | Yes | [296] | 1989 | IJCAI 1989 | 7 | 0 0 0 | 0 0 | 581 | n/a |
| KengY89 KengY89 | N. Keng, D. Y. Y. Yun | A Planning/Scheduling Methodology for the Constrained Resource Problem | Yes | [472] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 661 | n/a |
| Prosser89 Prosser89 | P. Prosser | A Reactive Scheduling Agent | Yes | [712] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 771 | n/a |

## F.56 ILPS

Table 173: Papers in Conference Series ILPS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JourdanFRD94 JourdanFRD94 | J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure | Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming | No | [452] | 1994 | ILPS 1994 | 1 | 0 0 0 | 0 0 | No | n/a |

## F.57 INAP

Table 174: Papers in Conference Series INAP (Total 4) (Total 4)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Wolf09 Wolf09 | A. Wolf, G. Schrader | Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource | Yes | [895] | 2009 | INAP 2009 | 17 | 1 1 1 | 12 15 | 855 | n/a |
| Geske05 Geske05 | U. Geske | Railway Scheduling with Declarative Constraint Programming | Yes | [336] | 2005 | INAP 2005 | 18 | 2 2 6 | 3 17 | 605 | n/a |
| SchuttWS05 SchuttWS05 | A. Schutt, A. Wolf, G. Schrader | Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$ | Yes | [776] | 2005 | INAP 2005 | 15 | 6 6 9 | 4 11 | 795 | n/a |
| WolfS05 WolfS05 | A. Wolf, G. Schrader | $O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application | Yes | [894] | 2005 | INAP 2005 | 14 | 6 7 12 | 6 10 | 857 | n/a |

## F.58 IPDPS

Table 175: Papers in Conference Series IPDPS (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JungblutK22<br>JungblutK22 | P. Jungblut, D. Kranzlmüller | Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming | Yes | [453] | 2022 | IPDPS 2022 | 4 | 0 1 1 | 0 0 | 652 | 894 |

## F.59 ISCA

Table 176: Papers in Conference Series ISCA (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VillaverdeP04<br>VillaverdeP04 | K. Villaverde, E. Pontelli | An Investigation of Scheduling in Distributed Constraint Logic Programming | No | [872] | 2004 | ISCA 2004 | 6 | 0 0 0 | 0 0 | No | n/a |

## F.60 ISMIS

Table 177: Papers in Conference Series ISMIS (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BrusoniCLMMT96<br>BrusoniCLMMT96 | V. Brusoni, L. Console, E. Lamma, P. Mello, M. Milano, P. Terenziani | Resource-Based vs. Task-Based Approaches for Scheduling Problems | Yes | [170] | 1996 | ISMIS 1996 | 10 | 1 1 4 | 9 26 | 527 | n/a |

## F.61 KES

Table 178: Papers in Conference Series KES (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ValleMGT03<br>ValleMGT03 | C. D. Valle, A. A. Márquez, R. M. Gasca, M. Toro | On Selecting and Scheduling Assembly Plans Using Constraint Programming | Yes | [854] | 2003 | KES 2003 | 8 | 7 7 6 | 7 11 | 833 | n/a |

## F.62 KR

Table 179: Papers in Conference Series KR (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LuoVLBM16 LuoVLBM16 | R. Luo, R. A. Valenzano, Y. Li, J. C. Beck, S. A. McIlraith | Using Metric Temporal Logic to Specify Scheduling Problems | Yes | [569] | 2016 | KR 2016 | 4 | 0 0 0 | 0 0 | 716 | n/a |

## F.63 LION

Table 180: Papers in Conference Series LION (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AmadiniGM16 AmadiniGM16 | R. Amadini, M. Gabbrielli, J. Mauro | Parallelizing Constraint Solvers for Hard RCPSP Instances | Yes | [27] | 2016 | LION 2016 | 7 | 2 2 2 | 16 20 | 454 | 943 |

## F.64 LPNMR

Table 181: Papers in Conference Series LPNMR (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Balduccini11 Balduccini11 | M. Balduccini | Industrial-Size Scheduling with ASP+CP | Yes | [60] | 2011 | LPNMR 2011 | 13 | 20 22 38 | 9 13 | 470 | n/a |

## F.65 MIKE

Table 182: Papers in Conference Series MIKE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LiuLH18 LiuLH18 | K. Liu, S. Loeffler, P. Hofstedt | Solving the Traveling Tournament Problem with Predefined Venues by Parallel Constraint Programming | Yes | [541] | 2018 | MIKE 2018 | 16 | 2 2 1 | 7 12 | 704 | n/a |

## F.66 MISTA

Table 183: Papers in Conference Series MISTA (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OddiPCC05 OddiPCC05 | A. Oddi, N. Policella, A. Cesta, G. Cortellessa | Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems | No | [662] | 2005 | MISTA 2005 | 28 | 3 3 0 | 12 19 | No | n/a |

## F.67 Operations Research Proceedings

Table 184: Papers in Conference Series Operations Research Proceedings (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DorndorfPH99 DorndorfPH99 | U. Dorndorf, E. Pesch, T. P. Huy | Recent Developments in Scheduling | No | [257] | 1999 | Operations Research Proceedings 1999 | 13 | 0 0 0 | 34 61 | No | n/a |

## F.68 PACT

Table 185: Papers in Conference Series PACT (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BoucherBVBL97 BoucherBVBL97 | E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard | Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Schedulingt Problem | No | [159] | 1997 | PACT 1997 | 18 | 0 0 0 | 0 0 | No | n/a |
| PapeB97 PapeB97 | C. L. Pape, P. Baptiste | A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling | Yes | [683] | 1997 | PACT 1997 | 20 | 0 0 0 | 0 0 | 758 | n/a |

## F.69 PADL

Table 186: Papers in Conference Series PADL (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JelinekB16 JelinekB16 | J. Jelínek, R. Barták | Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station | Yes | [450] | 2016 | PADL 2016 | 10 | 0 0 0 | 5 8 | 649 | n/a |
| CarlssonKA99 CarlssonKA99 | M. Carlsson, P. Kreuger, E. Åström | Constraint-Based Resource Allocation and Scheduling in Steel Manufacturing | Yes | [190] | 1999 | PADL 1999 | 15 | 1 1 0 | 3 5 | 534 | n/a |

## F.70 PATAT

Table 187: Papers in Conference Series PATAT (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trick03 Trick03 | M. A. Trick | Integer and constraint programming approaches for round-robin tournament scheduling | Yes | [845] | 2003 | PATAT 2003 | 15 | 22 24 39 | 15 25 | 831 | n/a |
| EastonNT02 EastonNT02 | K. Easton, G. L. Nemhauser, M. A. Trick | Solving the Travelling Tournament Problem: A Combined Integer Programming and Constraint Programming Approach | Yes | [262] | 2002 | PATAT 2002 | 13 | 48 50 0 | 8 11 | 569 | n/a |
| ElkhyariGJ02a ElkhyariGJ02a | A. Elkhyari, C. Guéret, N. Jussien | Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools | Yes | [273] | 2002 | PATAT 2002 | 24 | 9 9 14 | 20 32 | 574 | n/a |

## F.71 PLILP

Table 188: Papers in Conference Series PLILP (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ErtlK91 ErtlK91 | M. A. Ertl, A. Krall | Optimal Instruction Scheduling using Constraint Logic Programming | Yes | [278] | 1991 | PLILP 1991 | 12 | 14 14 13 | 14 19 | 577 | n/a |

## F.72 PRICAI

Table 189: Papers in Conference Series PRICAI (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LiuJ06 LiuJ06 | Y. Liu, Y. Jiang | LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming | Yes | [547] | 2006 | PRICAI 2006 | 5 | 0 0 1 | 0 0 | 703 | n/a |

## F.73 PSE

Table 190: Papers in Conference Series PSE (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FelizariAL09 FelizariAL09 | L. C. Felizari, Lucia V. R. de Arruda, R. Lueders, S. L. Stebel | Sequencing Batches in a Real-World Pipeline Network Using Constraint Programming | No | [297] | 2009 | PSE 2009 | 6 | 7 7 12 | 2 7 | No | n/a |

## F.74 RAAD

Table 191: Papers in Conference Series RAAD (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ParkUJR19 ParkUJR19 | H. Park, J. Um, J.-Y. Jung, M. Ruskowski | Developing a Production Scheduling System for Modular Factory Using Constraint Programming | Yes | [685] | 2019 | RAAD 2019 | 8 | 1 1 3 | 3 6 | 759 | n/a |

## F.75 RAST

Table 192: Papers in Conference Series RAST (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KucukY19 KucukY19 | M. Küçük, S. T. Yildiz | A Constraint Programming Approach for Agile Earth Observation Satellite Scheduling Problem | Yes | [507] | 2019 | RAST 2019 | 5 | 2 3 7 | 17 23 | 680 | n/a |

## F.76 SAT

Table 193: Papers in Conference Series SAT (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CohenHB17 CohenHB17 | E. Cohen, G. Huang, J. C. Beck | (I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals | Yes | [216] | 2017 | SAT 2017 | 17 | 1 1 4 | 12 26 | 550 | n/a |

## F.77 SCAM

Table 194: Papers in Conference Series SCAM (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZibranR11a ZibranR11a | M. F. Zibran, C. K. Roy | A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring | Yes | [932] | 2011 | SCAM 2011 | 10 | 26 26 33 | 27 35 | 872 | n/a |

## F.78 SEA

Table 195: Papers in Conference Series SEA (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HeinzS11 HeinzS11 | S. Heinz, J. Schulz | Explanations for the Cumulative Constraint: An Experimental Study | Yes | [405] | 2011 | SEA 2011 | 10 | 5 6 5 | 12 14 | 633 | n/a |

## F.79 SOCS

Table 196: Papers in Conference Series SOCS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TranDRFWOVB16 TranDRFWOVB16 | T. T. Tran, M. Do, E. G. Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. C. Beck | A Hybrid Quantum-Classical Approach to Solving Scheduling Problems | Yes | [838] | 2016 | SOCS 2016 | 9 | 3 9 0 | 0 0 | 827 | n/a |

## F.80 SoC

Table 197: Papers in Conference Series SoC (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QuSN06 QuSN06 | Y. Qu, J.-P. Soininen, J. Nurmi | Using Constraint Programming to Achieve Optimal Prefetch Scheduling for Dependent Tasks on Run-Time Reconfigurable Devices | Yes | [719] | 2006 | SoC 2006 | 4 | 2 2 5 | 5 14 | 773 | n/a |

## F.81 TENCON

Table 198: Papers in Conference Series TENCON (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NishikawaSTT18a NishikawaSTT18a | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Tasks Based on Constraint Programming | Yes | [649] | 2018 | TENCON 2018 | 6 | 1 1 1 | 9 16 | 746 | n/a |

# G Articles by Journal

## G.1 4OR

Table 199: Articles in Journal 4OR (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MilanoW06 MilanoW06 | M. Milano, M. G. Wallace | Integrating operations research in constraint programming | Yes | [608] | 2006 | 4OR | 45 | 18 18 22 | 46 67 | 1552 | n/a |

## G.2 ACM Transactions on Design Automation of Electronic Systems

Table 200: Articles in Journal ACM Transactions on Design Automation of Electronic Systems (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EmeretlisTAV17 EmeretlisTAV17 | A. Emeretlis, G. Theodoridis, P. Alefragis, N. Voros | Static Mapping of Applications on Heterogeneous Multi-Core Platforms Combining Logic-Based Benders Decomposition with Integer Linear Programming | Yes | [275] | 2017 | ACM Transactions on Design Automation of Electronic Systems | 24 | 4 6 9 | 42 48 | 1437 | n/a |
| Kuchcinski03 Kuchcinski03 | K. Kuchcinski | Constraints-driven scheduling and resource assignment | Yes | [503] | 2003 | ACM Transactions on Design Automation of Electronic Systems | 29 | 105 105 116 | 15 42 | 1516 | n/a |

## G.3 ACM Transactions on Software Engineering and Methodology

Table 201: Articles in Journal ACM Transactions on Software Engineering and Methodology (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AlesioBNG15 AlesioBNG15 | S. D. Alesio, L. C. Briand, S. Nejati, A. Gotlieb | Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines | Yes | [24] | 2015 | ACM Transactions on Software Engineering and Methodology | 37 | 13 14 17 | 51 59 | 1361 | n/a |

## G.4 APPLIED MATHEMATICAL MODELLING

Table 202: Articles in Journal APPLIED MATHEMATICAL MODELLING (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GhandehariK22 GhandehariK22 | N. Ghandehari, K. Kianfar | Mixed-integer linear programming, constraint programming and column generation approaches for operating room planning under block strategy | No | [338] | 2022 | APPLIED MATHEMATICAL MODELLING | 16 | 4 4 4 | 46 55 | No | n/a |

## G.5 Acta Automatica Sinica

Table 203: Articles in Journal Acta Automatica Sinica (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LiuGT10 LiuGT10 | S.-X. Liu, Z. Guo, J.-F. Tang | Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences | No | [544] | 2010 | Acta Automatica Sinica | 7 | 2 2 9 | 15 20 | No | n/a |

## G.6 Advances in Science and Technology Research Journal

Table 204: Articles in Journal Advances in Science and Technology Research Journal (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CzerniachowskaWZ23 CzerniachowskaWZ23 | K. Czerniachowska, R. Wichniarek, K. Żywicki | Constraint Programming for Flexible Flow Shop Scheduling Problem with Repeated Jobs and Repeated Operations | Yes | [222] | 2023 | Advances in Science and Technology Research Journal | 14 | 0 0 0 | 0 0 | 1427 | n/a |

## G.7 Algorithms

Table 205: Articles in Journal Algorithms (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MontemanniD23 MontemanniD23 | R. Montemanni, M. Dell'Amico | Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming | Yes | [617] | 2023 | Algorithms | 13 | 2 7 8 | 18 21 | 1556 | 1698 |

## G.8 Annals of Operations Research

Table 206: Articles in Journal Annals of Operations Research (Total 18) (Total 18)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GokPTGO23 GokPTGO23 | Y. S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk | Constraint-based robust planning and scheduling of airport apron operations through simheuristics | Yes | [348] | 2023 | Annals of Operations Research | 36 | 0 0 0 | 0 0 | 1456 | 1693 |
| EmdeZD22 EmdeZD22 | S. Emde, S. Zehtabian, Y. Disser | Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition | Yes | [274] | 2022 | Annals of Operations Research | 30 | 0 0 0 | 52 59 | 1436 | 1711 |
| GuyonLPR12 GuyonLPR12 | O. Guyon, P. Lemaire, E. Pinson, D. Rivreau | Solving an integrated job-shop problem with human resource constraints | Yes | [375] | 2012 | Annals of Operations Research | 25 | 32 33 40 | 25 38 | 1467 | n/a |
| MenciaSV12 MenciaSV12 | C. Mencía, M. R. Sierra, R. Varela | Depth-first heuristic search for the job shop scheduling problem | Yes | [595] | 2012 | Annals of Operations Research | 32 | 16 17 18 | 40 57 | 1545 | n/a |
| BeldiceanuCDP11 BeldiceanuCDP11 | N. Beldiceanu, M. Carlsson, S. Demassey, E. Poder | New filtering for the *cumulative* constraint in the context of non-overlapping rectangles | Yes | [109] | 2011 | Annals of Operations Research | 24 | 8 8 9 | 8 17 | 1393 | n/a |
| BeniniLMR11 BeniniLMR11 | L. Benini, M. Lombardi, M. Milano, M. Ruggiero | Optimal resource allocation and scheduling for the CELL BE platform | Yes | [123] | 2011 | Annals of Operations Research | 27 | 18 17 17 | 16 29 | 1396 | n/a |
| CobanH11 CobanH11 | E. Coban, J. N. Hooker | Single-facility scheduling by logic-based Benders decomposition | Yes | [215] | 2011 | Annals of Operations Research | 28 | 14 15 17 | 37 44 | 1423 | n/a |
| HachemiGR11 HachemiGR11 | N. E. Hachemi, M. Gendreau, L.-M. Rousseau | A hybrid constraint programming approach to the log-truck scheduling problem | Yes | [376] | 2011 | Annals of Operations Research | 16 | 32 34 38 | 19 30 | 1468 | n/a |
| BartakCS10 BartakCS10 | R. Barták, O. Cepek, P. Surynek | Discovering implied constraints in precedence graphs with alternatives | Yes | [77] | 2010 | Annals of Operations Research | 31 | 2 2 2 | 9 21 | 1378 | n/a |
| MilanoW09 MilanoW09 | M. Milano, M. G. Wallace | Integrating Operations Research in Constraint Programming | Yes | [609] | 2009 | Annals of Operations Research | 40 | 34 35 41 | 46 77 | 1553 | n/a |
| RasmussenT09 RasmussenT09 | R. V. Rasmussen, M. A. Trick | The timetable constrained distance minimization problem | Yes | [725] | 2009 | Annals of Operations Research | 15 | 8 9 9 | 15 25 | 1599 | n/a |
| LiessM08 LiessM08 | O. Liess, P. Michelon | A constraint programming approach for the resource-constrained project scheduling problem | Yes | [532] | 2008 | Annals of Operations Research | 12 | 22 25 28 | 14 17 | 1525 | n/a |
| ArtiguesF07 ArtiguesF07 | C. Artigues, D. Feillet | A branch and bound method for the job-shop problem with sequence-dependent setup times | Yes | [44] | 2007 | Annals of Operations Research | 25 | 49 49 66 | 32 46 | 1365 | n/a |
| BeckR03 BeckR03 | J. C. Beck, P. Refalo | A Hybrid Approach to Scheduling with Earliness and Tardiness Costs | Yes | [99] | 2003 | Annals of Operations Research | 23 | 29 0 45 | 0 0 | 1388 | n/a |
| MartinPY01 MartinPY01 | F. Martin, A. Pinkney, X. Yu | Cane Railway Scheduling via Constraint Logic Programming: Labelling Order and Constraints in a Real-Life Application | Yes | [589] | 2001 | Annals of Operations Research | 17 | 11 0 14 | 0 0 | 1542 | n/a |
| Mason01 Mason01 | A. J. Mason | Elastic Constraint Branching, the Wedelin/Carmen Lagrangian Heuristic and Integer Programming for Personnel Scheduling | Yes | [591] | 2001 | Annals of Operations Research | 38 | 5 0 6 | 0 0 | 1543 | n/a |
| BaptistePN99 BaptistePN99 | P. Baptiste, C. L. Pape, W. Nuijten | Satisfiability tests and time-bound adjustments for cumulative scheduling problems | Yes | [66] | 1999 | Annals of Operations Research | 29 | 72 0 85 | 0 0 | 1377 | n/a |
| RodosekWH99 RodosekWH99 | R. Rodosek, M. G. Wallace, M. Hajian | A new approach to integrating mixed integer programming and constraint logic programming | Yes | [736] | 1999 | Annals of Operations Research | 25 | 53 0 67 | 0 0 | 1602 | n/a |

## G.9 Artif. Intell. Eng.

Table 207: Articles in Journal Artif. Intell. Eng. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LammaMM97 LammaMM97 | E. Lamma, P. Mello, M. Milano | A distributed constraint-based scheduler | Yes | [518] | 1997 | Artif. Intell. Eng. | 15 | 11 11 13 | 7 28 | 1522 | n/a |

## G.10 Artif. Intell. Rev.

Table 208: Articles in Journal Artif. Intell. Rev. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |

## G.11 Artificial Intelligence

Table 209: Articles in Journal Artificial Intelligence (Total 11) (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BonfiettiLBM14 BonfiettiLBM14 | A. Bonfietti, M. Lombardi, L. Benini, M. Milano | CROSS cyclic resource-constrained scheduling solver | Yes | [149] | 2014 | Artificial Intelligence | 28 | 8 9 8 | 15 35 | 1405 | n/a |
| LombardiM12a LombardiM12a | M. Lombardi, M. Milano | A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling | Yes | [554] | 2012 | Artificial Intelligence | 10 | 3 3 15 | 13 21 | 1530 | n/a |
| LombardiM10a LombardiM10a | M. Lombardi, M. Milano | Allocation and scheduling of Conditional Task Graphs | Yes | [552] | 2010 | Artificial Intelligence | 30 | 8 8 13 | 24 41 | 1528 | n/a |
| Laborie03 Laborie03 | P. Laborie | Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results | Yes | [508] | 2003 | Artificial Intelligence | 38 | 128 129 175 | 10 31 | 1518 | n/a |
| JussienL02 JussienL02 | N. Jussien, O. Lhomme | Local search with constraint propagation and conflict-based heuristics | Yes | [455] | 2002 | Artificial Intelligence | 25 | 88 88 108 | 16 54 | 1500 | n/a |
| BeckF00 BeckF00 | J. C. Beck, M. S. Fox | Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics | Yes | [97] | 2000 | Artificial Intelligence | 51 | 24 24 36 | 19 76 | 1384 | n/a |
| BeckF00a BeckF00a | J. C. Beck, M. S. Fox | Constraint-directed techniques for scheduling alternative activities | Yes | [96] | 2000 | Artificial Intelligence | 40 | 48 48 60 | 10 44 | 1385 | n/a |
| Dorndorf2000 Dorndorf2000 | U. Dorndorf, E. Pesch, T. Phan-Huy | Constraint propagation techniques for the disjunctive scheduling problem | Yes | [258] | 2000 | Artificial Intelligence | 52 | 47 47 51 | 33 62 | 1432 | n/a |
| SadehF96 SadehF96 | N. M. Sadeh, M. S. Fox | Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem | Yes | [752] | 1996 | Artificial Intelligence | 41 | 95 97 131 | 17 56 | 1611 | n/a |
| MintonJPL92 MintonJPL92 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems | Yes | [611] | 1992 | Artificial Intelligence | 45 | 437 440 525 | 13 46 | 1554 | n/a |

Table 209: Articles in Journal Artificial Intelligence (Total 11) (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Davis87 Davis87 | E. Davis | Constraint propagation with interval labels | Yes | [231] | 1987 | Artificial Intelligence | 51 | 308 312 332 | 21 51 | 1429 | n/a |

## G.12 Assembly Automation

Table 210: Articles in Journal Assembly Automation (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PinarbasiAY19 PinarbasiAY19 | M. Pinarbasi, H. M. Alakas, M. Yuzukirmizi | A constraint programming approach to type-2 assembly line balancing problem with assignment restrictions | No | [698] | 2019 | Assembly Automation | 14 | 16 18 0 | 41 68 | No | n/a |

## G.13 Automation in Construction

Table 211: Articles in Journal Automation in Construction (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZouZ20 ZouZ20 | X. Zou, L. Zhang | A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic | Yes | [933] | 2020 | Automation in Construction | 10 | 18 21 19 | 48 52 | 1671 | n/a |
| LiuW11 LiuW11 | S.-S. Liu, C.-J. Wang | Optimizing project selection and scheduling problems with time-dependent resource constraints | Yes | [545] | 2011 | Automation in Construction | 10 | 57 59 71 | 35 48 | 1527 | n/a |

## G.14 CMC-COMPUTERS MATERIALS & CONTINUA

Table 212: Articles in Journal CMC-COMPUTERS MATERIALS CONTINUA (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaqviAIAAA22 NaqviAIAAA22 | S. R. Naqvi, A. Ahmad, S. M. R. Islam, T. Akram, M. Abdullah-Al-Wadud, A. Alamri | Towards Prevention of Sportsmen Burnout: Formal Analysis of Sub-Optimal Tournament Scheduling | Yes | [638] | 2022 | CMC-COMPUTERS MATERIALS CONTINUA | 18 | 0 0 0 | 22 26 | 1564 | n/a |

## G.15 Central Eur. J. Oper. Res.

Table 213: Articles in Journal Central Eur. J. Oper. Res. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GurPAE23 GurPAE23 | S. Gür, M. Pinarbasi, H. M. Alakas, T. Eren | Operating room scheduling with surgical team: a new approach with constraint programming and goal programming | Yes | [374] | 2023 | Central Eur. J. Oper. Res. | 25 | 1 5 3 | 40 46 | 1466 | 1695 |

## G.16 CoRR

Table 214: Articles in Journal CoRR (Total 13) (Total 13)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-2402-00459 abs-2402-00459 | S. Nguyen, D. R. Thiruvady, Y. Sun, M. Zhang | Genetic-based Constraint Programming for Resource Constrained Job Scheduling | Yes | [647] | 2024 | CoRR | 21 | 0 0 0 | 0 0 | 1683 | 1686 |
| abs-2305-19888 abs-2305-19888 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | Yes | [408] | 2023 | CoRR | 42 | 0 0 0 | 0 0 | 1680 | 1705 |
| abs-2306-05747 abs-2306-05747 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [818] | 2023 | CoRR | 9 | 0 0 0 | 0 0 | 1681 | 1706 |
| abs-2312-13682 abs-2312-13682 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended | Yes | [690] | 2023 | CoRR | 20 | 0 0 0 | 0 0 | 1682 | 1707 |
| abs-2211-14492 abs-2211-14492 | Y. Sun, S. Nguyen, D. R. Thiruvady, X. Li, A. T. Ernst, U. Aickelin | Enhancing Constraint Programming via Supervised Learning for Job Shop Scheduling | Yes | [804] | 2022 | CoRR | 17 | 0 0 0 | 0 0 | 1679 | n/a |
| abs-2102-08778 abs-2102-08778 | G. D. Col, E. Teppan | Large-Scale Benchmarks for the Job Shop Scheduling Problem | Yes | [217] | 2021 | CoRR | 10 | 0 0 0 | 0 0 | 1678 | n/a |

Table 214: Articles in Journal CoRR (Total 13) (Total 13)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-1901-07914 abs-1901-07914 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [106] | 2019 | CoRR | 8 | 0 0 0 | 0 0 | 1674 | 1737 |
| abs-1902-01193 abs-1902-01193 | O. M. Alade, A. O. Amusat | Solving Nurse Scheduling Problem Using Constraint Programming Technique | Yes | [20] | 2019 | CoRR | 9 | 0 0 0 | 0 0 | 1675 | n/a |
| abs-1902-09244 abs-1902-09244 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | On constraint programming for a new flexible project scheduling problem with resource constraints | Yes | [393] | 2019 | CoRR | 62 | 0 0 0 | 0 0 | 1676 | n/a |
| abs-1911-04766 abs-1911-04766 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling | Yes | [329] | 2019 | CoRR | 16 | 0 0 0 | 0 0 | 1677 | 1738 |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| abs-0907-0939 abs-0907-0939 | T. Petit, E. Poder | The Soft Cumulative Constraint | Yes | [696] | 2009 | CoRR | 12 | 0 0 0 | 0 0 | 1672 | n/a |

## G.17 Comput. Aided Civ. Infrastructure Eng.

Table 215: Articles in Journal Comput. Aided Civ. Infrastructure Eng. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TangLWSK18 TangLWSK18 | Y. Tang, R. Liu, F. Wang, Q. Sun, A. A. Kandil | Scheduling Optimization of Linear Schedule with Constraint Programming | Yes | [814] | 2018 | Comput. Aided Civ. Infrastructure Eng. | 28 | 24 32 30 | 76 88 | 1633 | n/a |

## G.18 Comput. J.

Table 216: Articles in Journal Comput. J. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tay92 Tay92 | D. B. H. Tay | COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling | No | [819] | 1992 | Comput. J. | null | 0 0 0 | 0 0 | No | n/a |

## G.19 Computers & Chemical Engineering

Table 217: Articles in Journal Computers  Chemical Engineering (Total 12) (Total 12)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AwadMDMT22 AwadMDMT22 | M. Awad, K. Mulrennan, J. Donovan, R. Macpherson, D. Tormey | A constraint programming model for makespan minimisation in batch manufacturing pharmaceutical facilities | Yes | [54] | 2022 | Computers Chemical Engineering | 22 | 3 6 6 | 41 53 | 1370 | n/a |
| EscobetPQPRA19 EscobetPQPRA19 | T. Escobet, V. Puig, J. Quevedo, P. Palà-Schönwälder, J. Romera, W. Adelman | Optimal batch scheduling of a multiproduct dairy process using a combined optimization/constraint programming approach | Yes | [279] | 2019 | Computers Chemical Engineering | 10 | 17 17 17 | 18 25 | 1438 | n/a |
| NovaraNH16 NovaraNH16 | F. M. Novara, J. M. Novas, G. P. Henning | A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation | Yes | [651] | 2016 | Computers Chemical Engineering | 17 | 18 17 19 | 31 40 | 1571 | n/a |
| HarjunkoskiMBC14 HarjunkoskiMBC14 | I. Harjunkoski, C. T. Maravelias, P. Bongers, P. M. Castro, S. Engell, I. E. Grossmann, J. N. Hooker, C. Méndez, G. Sand, J. Wassick | Scope for industrial applications of production scheduling models and solution methods | Yes | [390] | 2014 | Computers Chemical Engineering | 33 | 381 393 418 | 176 229 | 1478 | n/a |
| NovasH12 NovasH12 | J. M. Novas, G. P. Henning | A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations | Yes | [654] | 2012 | Computers Chemical Engineering | 17 | 17 17 22 | 15 23 | 1574 | n/a |
| ZeballosNH11 ZeballosNH11 | L. J. Zeballos, J. M. Novas, G. P. Henning | A CP formulation for scheduling multiproduct multistage batch plants | Yes | [917] | 2011 | Computers Chemical Engineering | 17 | 26 26 28 | 29 39 | 1665 | n/a |
| NovasH10 NovasH10 | J. M. Novas, G. P. Henning | Reactive scheduling framework based on domain knowledge and constraint programming | Yes | [653] | 2010 | Computers Chemical Engineering | 20 | 48 49 50 | 19 29 | 1573 | n/a |
| RoePS05 RoePS05 | B. Roe, L. G. Papageorgiou, N. Shah | A hybrid MILP/CLP algorithm for multipurpose batch process scheduling | Yes | [741] | 2005 | Computers Chemical Engineering | 15 | 48 47 46 | 15 23 | 1605 | n/a |
| MaraveliasCG04 MaraveliasCG04 | C. T. Maravelias, I. E. Grossmann | A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants | Yes | [585] | 2004 | Computers Chemical Engineering | 29 | 116 119 130 | 24 29 | 1540 | n/a |
| HarjunkoskiG02 HarjunkoskiG02 | I. Harjunkoski, I. E. Grossmann | Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods | Yes | [388] | 2002 | Computers Chemical Engineering | 20 | 169 173 192 | 11 25 | 1476 | n/a |
| HarjunkoskiJG00 HarjunkoskiJG00 | I. Harjunkoski, V. Jain, I. E. Grossman | Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems | Yes | [389] | 2000 | Computers Chemical Engineering | 7 | 44 44 49 | 3 9 | 1477 | n/a |
| PintoG97 PintoG97 | J. M. Pinto, I. E. Grossmann | A logic-based approach to scheduling problems with resource constraints | No | [699] | 1997 | Computers Chemical Engineering | 18 | 56 56 60 | 12 24 | No | n/a |

## G.20 Computers & Industrial Engineering

Table 218: Articles in Journal Computers  Industrial Engineering (Total 17) (Total 17)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Adelgren2023 Adelgren2023 | N. Adelgren, C. T. Maravelias | On the utility of production scheduling formulations including record keeping variables | Yes | [11] | 2023 | Computers Industrial Engineering | 12 | 0 1 1 | 43 52 | 1354 | 1688 |
| AfsarVPG23 AfsarVPG23 | S. Afsar, C. R. Vela, J. J. Palacios, I. González-Rodríguez | Mathematical models and benchmarking for the fuzzy job shop scheduling problem | Yes | [12] | 2023 | Computers Industrial Engineering | 14 | 0 0 0 | 50 66 | 1355 | 1689 |

Table 218: Articles in Journal Computers Industrial Engineering (Total 17) (Total 17)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AlfieriGPS23 AlfieriGPS23 | A. Alfieri, M. Garraffa, E. Pastore, F. Salassa | Permutation flowshop problems minimizing core waiting time and core idle time | Yes | [25] | 2023 | Computers Industrial Engineering | 13 | 0 2 3 | 37 45 | 1362 | n/a |
| AbreuN22 AbreuN22 | L. R. de Abreu, M. S. Nagano | A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times | Yes | [233] | 2022 | Computers Industrial Engineering | 20 | 10 14 13 | 56 74 | 1351 | 1708 |
| HeinzNVH22 HeinzNVH22 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | Yes | [407] | 2022 | Computers Industrial Engineering | 16 | 5 7 8 | 25 31 | 1482 | 1713 |
| VlkHT21 VlkHT21 | M. Vlk, Z. Hanzálek, S. Tang | Constraint programming approaches to joint routing and scheduling in time-sensitive networks | Yes | [873] | 2021 | Computers Industrial Engineering | 14 | 7 18 20 | 22 36 | 1648 | 1721 |
| FachiniA20 FachiniA20 | R. F. Fachini, V. A. Armentano | Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows | Yes | [285] | 2020 | Computers Industrial Engineering | 18 | 25 26 35 | 55 68 | 1441 | 1724 |
| HauderBRPA20 HauderBRPA20 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | Resource-constrained multi-project scheduling with activity and time flexibility | Yes | [394] | 2020 | Computers Industrial Engineering | 14 | 14 19 27 | 46 56 | 1479 | 1726 |
| MengZRZL20 MengZRZL20 | L. Meng, C. Zhang, Y. Ren, B. Zhang, C. Lv | Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem | Yes | [599] | 2020 | Computers Industrial Engineering | 13 | 100 133 152 | 62 69 | 1549 | 1729 |
| Novas19 Novas19 | J. M. Novas | Production scheduling and lot streaming at flexible job-shops environments using constraint programming | Yes | [652] | 2019 | Computers Industrial Engineering | 13 | 30 35 43 | 29 40 | 1572 | n/a |
| GedikKEK18 GedikKEK18 | R. Gedik, D. Kalathia, G. Egilmez, E. Kirac | A constraint programming approach for solving unrelated parallel machine scheduling problem | Yes | [326] | 2018 | Computers Industrial Engineering | 11 | 43 49 47 | 22 31 | 1454 | n/a |
| GedikKBR17 GedikKBR17 | R. Gedik, E. Kirac, A. B. Milburn, C. Rainwater | A constraint programming approach for the team orienteering problem with time windows | Yes | [327] | 2017 | Computers Industrial Engineering | 18 | 20 23 26 | 32 47 | 1453 | n/a |
| HamC16 HamC16 | A. M. Ham, E. Cakici | Flexible job shop scheduling problem with parallel batch processing machines: MIP and CP approaches | Yes | [384] | 2016 | Computers Industrial Engineering | 6 | 50 55 55 | 26 35 | 1472 | n/a |
| SuCC13 SuCC13 | L.-H. Su, Y. Chiu, T. C. E. Cheng | Sports tournament scheduling to determine the required number of venues subject to the minimum timeslots under given formats | No | [800] | 2013 | Computers Industrial Engineering | 7 | 2 2 4 | 15 16 | No | n/a |
| TerekhovDOB12 TerekhovDOB12 | D. Terekhov, M. K. Dogru, U. Özen, J. C. Beck | Solving two-machine assembly scheduling problems with inventory constraints | Yes | [821] | 2012 | Computers Industrial Engineering | 15 | 8 9 16 | 48 59 | 1634 | n/a |
| TrojetHL11 TrojetHL11 | M. Trojet, F. H'Mida, P. Lopez | Project scheduling under resource constraints: Application of the cumulative global constraint in a decision support framework | Yes | [847] | 2011 | Computers Industrial Engineering | 7 | 11 13 12 | 17 32 | 1643 | n/a |
| TrentesauxPT01 TrentesauxPT01 | D. Trentesaux, P. Pesin, C. Tahon | Comparison of constraint logic programming and distributed problem solving: a case study for interactive, efficient and practicable job-shop scheduling | No | [844] | 2001 | Computers Industrial Engineering | 25 | 7 7 9 | 9 26 | No | n/a |

## G.21 Computers & Operations Research

Table 219: Articles in Journal Computers Operations Research (Total 21) (Total 21)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AbreuPNF23 AbreuPNF23 | L. R. Abreu, B. A. Prata, M. S. Nagano, J. M. Framinan | A constraint programming-based iterated greedy algorithm for the open shop with sequence-dependent processing times and makespan minimization | Yes | [5] | 2023 | Computers Operations Research | 12 | 0 3 3 | 46 68 | 1353 | n/a |
| JuvinHL23a JuvinHL23a | C. Juvin, L. Houssin, P. Lopez | Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem | Yes | [459] | 2023 | Computers Operations Research | 17 | 0 3 4 | 40 53 | 1502 | n/a |
| PenzDN23 PenzDN23 | L. Penz, S. Dauzère-Pérès, M. Nattaf | Minimizing the sum of completion times on a single machine with health index and flexible maintenance operations | Yes | [688] | 2023 | Computers Operations Research | 13 | 0 3 1 | 34 36 | 1589 | n/a |
| NaderiBZ22a NaderiBZ22a | B. Naderi, M. A. Begen, G. S. Zaric | Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms | Yes | [631] | 2022 | Computers Operations Research | 19 | 3 4 4 | 44 54 | 1560 | n/a |
| Edis21 Edis21 | E. B. Edis | Constraint programming approaches to disassembly line balancing problem with sequencing decisions | Yes | [263] | 2021 | Computers Operations Research | 20 | 13 19 20 | 48 53 | 1434 | n/a |
| FanXG21 FanXG21 | H. Fan, H. Xiong, M. Goh | Genetic programming-based hyper-heuristic approach for solving dynamic job shop scheduling problem with extended technical precedence constraints | Yes | [292] | 2021 | Computers Operations Research | 15 | 18 27 30 | 57 68 | 1445 | n/a |
| ZhangYW21 ZhangYW21 | L. Zhang, C. Yu, T. N. Wong | A graph-based constraint programming approach for the integrated process planning and scheduling problem | Yes | [922] | 2021 | Computers Operations Research | 10 | 6 7 8 | 35 41 | 1668 | n/a |
| AbidinK20 AbidinK20 | Z. A. Cil, D. Kizilay | Constraint programming model for multi-manned assembly line balancing problem | No | [3] | 2020 | Computers Operations Research | 1 | 11 14 0 | 27 35 | No | n/a |
| AstrandJZ20 AstrandJZ20 | M. Åstrand, M. Johansson, A. Zanarini | Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search | Yes | [53] | 2020 | Computers Operations Research | 13 | 16 19 19 | 24 53 | 1369 | n/a |
| LunardiBLRV20 LunardiBLRV20 | W. T. Lunardi, E. G. Birgin, P. Laborie, D. P. Ronconi, H. Voos | Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem | Yes | [567] | 2020 | Computers Operations Research | 20 | 30 36 39 | 18 24 | 1537 | 1727 |
| NattafDYW19 NattafDYW19 | M. Nattaf, S. Dauzère-Pérès, C. Yugma, C.-H. Wu | Parallel machine scheduling with time constraints on machine qualifications | Yes | [643] | 2019 | Computers Operations Research | 16 | 14 22 22 | 21 29 | 1568 | n/a |
| KuB16 KuB16 | W.-Y. Ku, J. C. Beck | Mixed Integer Programming models for job shop scheduling: A computational analysis | Yes | [502] | 2016 | Computers Operations Research | 9 | 119 132 141 | 17 25 | 1515 | n/a |
| ZengM12 ZengM12 | L. Zeng, S. Mizuno | On the separation in 2-period double round robin tournaments with minimum breaks | No | [919] | 2012 | Computers Operations Research | 9 | 3 3 4 | 18 25 | No | n/a |
| TopaloglouO11 TopaloglouO11 | S. Topaloglu, I. Ozkarahan | A constraint programming-based solution approach for medical resident scheduling problems | Yes | [831] | 2011 | Computers Operations Research | 10 | 46 47 59 | 24 32 | 1638 | n/a |
| KendallKRU10 KendallKRU10 | G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia | Scheduling in sports: An annotated bibliography | No | [471] | 2010 | Computers Operations Research | 19 | 181 186 220 | 0 0 | No | n/a |
| WuBB09 WuBB09 | C. W. Wu, K. N. Brown, J. C. Beck | Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints | Yes | [898] | 2009 | Computers Operations Research | 9 | 42 42 48 | 5 16 | 1655 | n/a |
| ClautiauxJCM08 ClautiauxJCM08 | F. Clautiaux, A. Jouglet, J. Carlier, A. Moukrim | A new constraint programming approach for the orthogonal packing problem | Yes | [211] | 2008 | Computers Operations Research | 16 | 64 65 70 | 14 26 | 1422 | n/a |
| CorreaLR07 CorreaLR07 | A. I. Corréa, A. Langevin, L.-M. Rousseau | Scheduling and routing of automated guided vehicles: A hybrid approach | Yes | [220] | 2007 | Computers Operations Research | 20 | 106 114 137 | 20 28 | 1426 | n/a |
| BockmayrP06 BockmayrP06 | A. Bockmayr, N. Pisaruk | Detecting infeasibility and generating cuts for mixed integer programming using constraint programming | Yes | [140] | 2006 | Computers Operations Research | 10 | 12 12 10 | 7 10 | 1403 | n/a |
| Gronkvist06 Gronkvist06 | M. Grönkvist | Accelerating column generation for aircraft scheduling using constraint propagation | Yes | [366] | 2006 | Computers Operations Research | 17 | 28 28 36 | 15 30 | 1463 | n/a |

Table 219: Articles in Journal Computers Operations Research (Total 21) (Total 21)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RussellU06 RussellU06 | R. A. Russell, T. L. Urban | A constraint programming approach to the multiple-venue, sport-scheduling problem | No | [749] | 2006 | Computers Operations Research | 12 | 22 22 0 | 16 22 | No | n/a |

## G.22 Computers in Railways VIII

Table 220: Articles in Journal Computers in Railways VIII (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RodriguezDG02 RodriguezDG02 | J. Rodriguez, X. Delorme, X. Gandibleux | Railway infrastructure saturation using constraint programming approach | Yes | [739] | 2002 | Computers in Railways VIII | 10 | 0 0 0 | 0 0 | 1604 | n/a |

## G.23 Constraints An Int. J.

Table 221: Articles in Journal Constraints An Int. J. (Total 47) (Total 47)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Caballero23 Caballero23 | J. C. Caballero | Scheduling through logic-based tools | Yes | [175] | 2023 | Constraints An Int. J. | 1 | 0 0 0 | 0 0 | 1414 | 1691 |
| LacknerMMWW23 LacknerMMWW23 | M.-L. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter | Exact methods for the Oven Scheduling Problem | Yes | [515] | 2023 | Constraints An Int. J. | 42 | 0 1 0 | 32 38 | 1521 | 1697 |
| WessenCSFPM23 WessenCSFPM23 | J. Wessén, M. Carlsson, C. Schulte, P. Flener, F. Pecora, M. Matskin | A constraint programming model for the scheduling and workspace layout design of a dual-arm multi-tool assembly robot | Yes | [887] | 2023 | Constraints An Int. J. | 34 | 0 0 0 | 38 50 | 1653 | 1703 |
| CampeauG22 CampeauG22 | L.-P. Campeau, M. Gamache | Short- and medium-term optimization of underground mine planning using constraint programming | Yes | [178] | 2022 | Constraints An Int. J. | 18 | 0 0 1 | 22 26 | 1415 | 1709 |
| KoehlerBFFHPSSS21 KoehlerBFFHPSSS21 | J. Koehler, J. Bürgler, U. Fontana, E. Fux, F. A. Herzog, M. Pouly, S. Saller, A. Salyaeva, P. Scheiblechner, K. Waelti | Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints | Yes | [483] | 2021 | Constraints An Int. J. | 51 | 2 3 2 | 52 66 | 1508 | 1720 |
| BenediktMH20 BenediktMH20 | O. Benedikt, I. Módos, Z. Hanzálek | Power of pre-processing: production scheduling with variable energy pricing and power-saving states | Yes | [116] | 2020 | Constraints An Int. J. | 19 | 1 2 2 | 18 18 | 1395 | 1722 |
| WallaceY20 WallaceY20 | M. G. Wallace, N. Yorke-Smith | A new constraint programming model and solving for the cyclic hoist scheduling problem | Yes | [877] | 2020 | Constraints An Int. J. | 19 | 5 6 5 | 18 23 | 1650 | 1732 |
| HoundjiSW19 HoundjiSW19 | V. R. Houndji, P. Schaus, L. A. Wolsey | The item dependent stockingcost constraint | Yes | [438] | 2019 | Constraints An Int. J. | 27 | 0 0 0 | 17 28 | 1494 | 1734 |
| CauwelaertLS18 CauwelaertLS18 | S. V. Cauwelaert, M. Lombardi, P. Schaus | How efficient is a global constraint in practice? - A fair experimental framework | Yes | [196] | 2018 | Constraints An Int. J. | 36 | 2 1 1 | 39 61 | 1419 | 1739 |

Table 221: Articles in Journal Constraints An Int. J. (Total 47) (Total 47)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FahimiOQ18 FahimiOQ18 | H. Fahimi, Y. Ouellet, C.-G. Quimper | Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last | Yes | [287] | 2018 | Constraints An Int. J. | 22 | 2 2 7 | 20 36 | 1442 | 1740 |
| LaborieRSV18 LaborieRSV18 | P. Laborie, J. Rogerie, P. Shaw, P. Vilím | IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG | Yes | [512] | 2018 | Constraints An Int. J. | 41 | 148 178 203 | 35 54 | 1520 | 1742 |
| HookerH17 HookerH17 | J. N. Hooker, W.-J. van Hoeve | Constraint programming and operations research | Yes | [436] | 2017 | Constraints An Int. J. | 24 | 12 13 10 | 189 255 | 1490 | n/a |
| KreterSS17 KreterSS17 | S. Kreter, A. Schutt, P. J. Stuckey | Using constraint programming for solving RCPSP/max-cal | Yes | [500] | 2017 | Constraints An Int. J. | 31 | 15 18 21 | 20 27 | 1513 | 1744 |
| NattafAL17 NattafAL17 | M. Nattaf, C. Artigues, P. Lopez | Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions | Yes | [641] | 2017 | Constraints An Int. J. | 18 | 5 5 7 | 10 16 | 1566 | 1745 |
| Kameugne15 Kameugne15 | R. Kameugne | Propagation techniques of resource constraint for cumulative scheduling | Yes | [462] | 2015 | Constraints An Int. J. | 2 | 0 0 0 | 0 0 | 1503 | 1747 |
| LetortCB15 LetortCB15 | A. Letort, M. Carlsson, N. Beldiceanu | Synchronized sweep algorithms for scalable scheduling constraints | Yes | [528] | 2015 | Constraints An Int. J. | 52 | 2 2 4 | 14 28 | 1523 | 1748 |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |
| Siala15 Siala15 | M. Siala | Search, propagation, and learning in sequencing and scheduling problems | Yes | [783] | 2015 | Constraints An Int. J. | 2 | 4 3 0 | 0 0 | 1623 | 1751 |
| SimoninAHL15 SimoninAHL15 | G. Simonin, C. Artigues, E. Hebrard, P. Lopez | Scheduling scientific experiments for comet exploration | Yes | [787] | 2015 | Constraints An Int. J. | 23 | 4 4 6 | 5 8 | 1624 | 1752 |
| KameugneFSN14 KameugneFSN14 | R. Kameugne, L. P. Fotso, J. D. Scott, Y. Ngo-Kateu | A quadratic edge-finding filtering algorithm for cumulative resource constraints | Yes | [467] | 2014 | Constraints An Int. J. | 27 | 6 6 9 | 10 20 | 1505 | 1753 |
| HeinzSB13 HeinzSB13 | S. Heinz, J. Schulz, J. C. Beck | Using dual presolving reductions to reformulate cumulative constraints | Yes | [406] | 2013 | Constraints An Int. J. | 36 | 7 7 9 | 31 41 | 1483 | 1754 |
| OzturkTHO13 OzturkTHO13 | C. Öztürk, S. Tunali, B. Hnich, A. Örnek | Balancing and scheduling of flexible mixed model assembly lines | Yes | [676] | 2013 | Constraints An Int. J. | 36 | 31 31 34 | 44 62 | 1583 | 1756 |
| HeinzSSW12 HeinzSSW12 | S. Heinz, T. Schlechte, R. Stephan, M. Winkler | Solving steel mill slab design problems | Yes | [404] | 2012 | Constraints An Int. J. | 12 | 10 11 12 | 9 16 | 1484 | 1758 |
| LimtanyakulS12 LimtanyakulS12 | K. Limtanyakul, U. Schwiegelshohn | Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes | Yes | [539] | 2012 | Constraints An Int. J. | 32 | 4 4 5 | 16 27 | 1526 | 1759 |
| LombardiM12 LombardiM12 | M. Lombardi, M. Milano | Optimal methods for resource allocation and scheduling: a cross-disciplinary survey | Yes | [555] | 2012 | Constraints An Int. J. | 35 | 39 39 47 | 68 94 | 1529 | 1760 |
| BartakS11 BartakS11 | R. Barták, M. A. Salido | Constraint satisfaction for planning and scheduling problems | Yes | [78] | 2011 | Constraints An Int. J. | 5 | 17 18 21 | 3 7 | 1379 | 1761 |
| KovacsB11 KovacsB11 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for unary resources | Yes | [493] | 2011 | Constraints An Int. J. | 24 | 4 4 9 | 26 36 | 1511 | 1762 |
| KovacsK11 KovacsK11 | A. Kovács, T. Kis | Constraint programming approach to a bilevel scheduling problem | Yes | [495] | 2011 | Constraints An Int. J. | 24 | 3 4 5 | 24 37 | 1512 | 1763 |
| SchausHMCMD11 SchausHMCMD11 | P. Schaus, P. V. Hentenryck, J.-N. Monette, C. Coffrin, L. Michel, Y. Deville | Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS | Yes | [761] | 2011 | Constraints An Int. J. | 23 | 14 16 19 | 5 12 | 1615 | 1764 |
| SchuttFSW11 SchuttFSW11 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Explaining the cumulative propagator | Yes | [771] | 2011 | Constraints An Int. J. | 33 | 57 61 65 | 23 39 | 1619 | 1765 |
| LopesCSM10 LopesCSM10 | T. M. T. Lopes, A. A. Ciré, C. C. de Souza, A. V. Moura | A hybrid model for a multiproduct pipeline planning and scheduling problem | Yes | [559] | 2010 | Constraints An Int. J. | 39 | 31 31 35 | 18 31 | 1533 | 1766 |
| OhrimenkoSC09 OhrimenkoSC09 | O. Ohrimenko, P. J. Stuckey, M. Codish | Propagation via lazy clause generation | Yes | [666] | 2009 | Constraints An Int. J. | 35 | 127 128 198 | 15 35 | 1578 | n/a |
| Simonis07 Simonis07 | H. Simonis | Models for Global Constraint Applications | Yes | [791] | 2007 | Constraints An Int. J. | 30 | 10 11 19 | 17 74 | 1625 | 1767 |

Table 221: Articles in Journal Constraints An Int. J. (Total 47) (Total 47)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| Hooker05 Hooker05 | J. N. Hooker | A Hybrid Method for the Planning and Scheduling | Yes | [424] | 2005 | Constraints An Int. J. | 17 | 68 69 87 | 11 18 | 1487 | 1769 |
| VilimBC05 VilimBC05 | P. Vilím, R. Barták, O. Cepek | Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | Yes | [870] | 2005 | Constraints An Int. J. | 23 | 21 21 32 | 5 16 | 1647 | 1770 |
| BaptisteP00 BaptisteP00 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [69] | 2000 | Constraints An Int. J. | 21 | 46 0 62 | 0 0 | 1376 | 1771 |
| HeipckeCCS00 HeipckeCCS00 | S. Heipcke, Y. Colombani, C. C. B. Cavalcante, C. C. de Souza | Scheduling under Labour Resource Constraints | Yes | [409] | 2000 | Constraints An Int. J. | 8 | 5 0 5 | 0 0 | 1485 | 1772 |
| SakkoutW00 SakkoutW00 | H. E. Sakkout, M. G. Wallace | Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling | Yes | [756] | 2000 | Constraints An Int. J. | 30 | 73 0 105 | 0 0 | 1613 | 1773 |
| SchildW00 SchildW00 | K. Schild, J. Würtz | Scheduling of Time-Triggered Real-Time Systems | Yes | [762] | 2000 | Constraints An Int. J. | 23 | 23 0 32 | 0 0 | 1616 | 1774 |
| BensanaLV99 BensanaLV99 | E. Bensana, M. Lemaître, G. Verfaillie | Earth Observation Satellite Management | Yes | [125] | 1999 | Constraints An Int. J. | 7 | 99 0 150 | 0 0 | 1397 | 1775 |
| BelhadjiI98 BelhadjiI98 | S. Belhadji, A. Isli | Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving | Yes | [113] | 1998 | Constraints An Int. J. | 9 | 3 0 5 | 0 0 | 1394 | 1776 |
| PapaB98 PapaB98 | C. L. Pape, P. Baptiste | Resource Constraints for Preemptive Job-shop Scheduling | Yes | [684] | 1998 | Constraints An Int. J. | 25 | 14 0 19 | 0 0 | 1586 | 1777 |
| Darby-DowmanLMZ97 Darby-DowmanLMZ97 | K. Darby-Dowman, J. Little, G. Mitra, M. Zaffalon | Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem | Yes | [228] | 1997 | Constraints An Int. J. | 20 | 28 28 32 | 5 22 | 1428 | 1778 |
| Zhou97 Zhou97 | J. Zhou | A Permutation-Based Approach for Solving the Job-Shop Problem | Yes | [927] | 1997 | Constraints An Int. J. | 29 | 14 0 16 | 0 0 | 1669 | 1779 |
| SmithBHW96 SmithBHW96 | B. M. Smith, S. C. Brailsford, P. M. Hubbard, H. P. Williams | The progressive party problem: Integer linear programming and constraint programming compared | Yes | [795] | 1996 | Constraints An Int. J. | 20 | 56 57 61 | 4 9 | 1627 | n/a |
| Wallace96 Wallace96 | M. G. Wallace | Practical Applications of Constraint Programming | Yes | [875] | 1996 | Constraints An Int. J. | 30 | 87 89 138 | 55 143 | 1649 | 1780 |

## G.24 Control Engineering Practice

Table 222: Articles in Journal Control Engineering Practice (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MarliereSPR23 MarliereSPR23 | G. Marlière, S. Sobieraj Richard, P. Pellegrini, J. Rodriguez | A conditional time-intervals formulation of the real-time Railway Traffic Management Problem | Yes | [587] | 2023 | Control Engineering Practice | 22 | 1 3 4 | 75 101 | 1541 | n/a |

## G.25 DECISION SUPPORT SYSTEMS

Table 223: Articles in Journal DECISION SUPPORT SYSTEMS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MeskensDL13 MeskensDL13 | N. Meskens, D. Duvivier, A. Lianset | Multi-objective operating room scheduling considering desiderata of the surgical team | No | [604] | 2013 | DECISION SUPPORT SYSTEMS | 10 | 102 102 116 | 31 39 | No | n/a |

## G.26 Discrete Applied Mathematics

Table 224: Articles in Journal Discrete Applied Mathematics (Total 4) (Total 4)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NattafHKAL19 NattafHKAL19 | M. Nattaf, M. Horváth, T. Kis, C. Artigues, P. Lopez | Polyhedral results and valid inequalities for the continuous energy-constrained scheduling problem | Yes | [644] | 2019 | Discrete Applied Mathematics | 16 | 5 6 5 | 12 17 | 1569 | n/a |
| BaptisteB18 BaptisteB18 | P. Baptiste, N. Bonifas | Redundant cumulative constraints to compute preemptive bounds | Yes | [64] | 2018 | Discrete Applied Mathematics | 10 | 3 4 4 | 13 19 | 1375 | n/a |
| HebrardHJMPV16 HebrardHJMPV16 | E. Hebrard, M.-J. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie | Approximation of the parallel machine scheduling problem with additional unit resources | Yes | [397] | 2016 | Discrete Applied Mathematics | 10 | 9 10 12 | 8 8 | 1480 | n/a |
| HookerO99 HookerO99 | J. N. Hooker, M. Osorio | Mixed logical-linear programming | Yes | [433] | 1999 | Discrete Applied Mathematics | 48 | 92 95 111 | 48 75 | 1492 | n/a |

## G.27 Discrete Dynamics in Nature and Society

Table 225: Articles in Journal Discrete Dynamics in Nature and Society (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PengLC14 PengLC14 | Y. Peng, D. Lu, Y. Chen | A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products | Yes | [687] | 2014 | Discrete Dynamics in Nature and Society | 7 | 5 4 9 | 13 17 | 1588 | n/a |

## G.28 Discrete Optimization

Table 226: Articles in Journal Discrete Optimization (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MercierH07 MercierH07 | L. Mercier, P. V. Hentenryck | Strong polynomiality of resource constraint propagation | Yes | [601] | 2007 | Discrete Optimization | 27 | 5 5 7 | 8 17 | 1550 | n/a |

## G.29 Electronic Notes in Discrete Mathematics

Table 227: Articles in Journal Electronic Notes in Discrete Mathematics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OzturkTHO10 OzturkTHO10 | C. Öztürk, S. Tunali, B. Hnich, A. Örnek | Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Sequence-Dependent Setup Times | Yes | [675] | 2010 | Electronic Notes in Discrete Mathematics | 8 | 15 15 17 | 1 3 | 1581 | n/a |

## G.30 Electronic Proceedings in Theoretical Computer Science

Table 228: Articles in Journal Electronic Proceedings in Theoretical Computer Science (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ColT2019a ColT2019a | G. D. Col, E. Teppan | Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem | Yes | [223] | 2019 | Electronic Proceedings in Theoretical Computer Science | 7 | 10 13 11 | 10 18 | 1424 | 1733 |

## G.31 Eng. Appl. Artif. Intell.

Table 229: Articles in Journal Eng. Appl. Artif. Intell. (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZeballosQH10 ZeballosQH10 | L. J. Zeballos, O. Quiroga, G. P. Henning | A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations | Yes | [918] | 2010 | Eng. Appl. Artif. Intell. | 20 | 33 33 43 | 28 41 | 1666 | n/a |

Table 229: Articles in Journal Eng. Appl. Artif. Intell. (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GarridoOS08 GarridoOS08 | A. Garrido, E. Onaindia, Óscar Sapena | Planning and scheduling in an e-learning environment. A constraint-programming-based approach | Yes | [321] | 2008 | Eng. Appl. Artif. Intell. | 11 | 22 22 28 | 7 24 | 1452 | n/a |
| KovacsB08 KovacsB08 | A. Kovács, J. C. Beck | A global constraint for total weighted completion time for cumulative resources | Yes | [492] | 2008 | Eng. Appl. Artif. Intell. | 7 | 5 5 5 | 14 20 | 1510 | n/a |

## G.32 Engineering Optimization

Table 230: Articles in Journal Engineering Optimization (Total 6) (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AbreuAPNM21 AbreuAPNM21 | L. R. de Abreu, K. A. G. Araújo, B. de A. Prata, M. S. Nagano, J. V. Moccellin | A new variable neighbourhood search with a constraint programming search strategy for the open shop scheduling problem with operation repetitions | Yes | [232] | 2021 | Engineering Optimization | 20 | 5 4 7 | 50 58 | 1350 | n/a |
| Pinarbasi21 Pinarbasi21 | M. Pınarbaşı | New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions | No | [714] | 2021 | Engineering Optimization | 16 | 3 6 0 | 46 50 | No | n/a |
| GuoHLW20 GuoHLW20 | P. Guo, X. He, Y. Luan, Y. Wang | Logic-based Benders decomposition for gantry crane scheduling with transferring position constraints in a rail–road container terminal | No | [372] | 2020 | Engineering Optimization | 21 | 8 10 8 | 31 34 | No | n/a |
| KizilayC20 KizilayC20 | D. Kizilay, Z. A. Cil | Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations | No | [478] | 2020 | Engineering Optimization | 16 | 11 12 14 | 38 39 | No | n/a |
| PinarbasiA20 PinarbasiA20 | M. Pınarbaşı, H. M. Alakaş | Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models | No | [715] | 2020 | Engineering Optimization | 18 | 7 9 11 | 32 36 | No | n/a |
| EdisO11a EdisO11a | E. B. Edis, I. Ozkarahan | A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions | No | [265] | 2011 | Engineering Optimization | 23 | 43 46 51 | 37 53 | No | n/a |

## G.33 Eur. J. Control

Table 231: Articles in Journal Eur. J. Control (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KorbaaYG00 KorbaaYG00 | O. Korbaa, P. Yim, J.-C. Gentina | Solving Transient Scheduling Problems with Constraint Programming | Yes | [488] | 2000 | Eur. J. Control | 10 | 7 7 9 | 4 15 | 1509 | n/a |

Table 231: Articles in Journal Eur. J. Control (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LopezAKYG00 LopezAKYG00 | P. Lopez, H. Alla, O. Korbaa, P. Yim, J.-C. Gentina | Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina | Yes | [560] | 2000 | Eur. J. Control | 4 | 0 0 0 | 0 1 | 1534 | n/a |

## G.34 European Journal of Operational Research

Table 232: Articles in Journal European Journal of Operational Research (Total 29) (Total 29)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ForbesHJST24 ForbesHJST24 | M. Forbes, M. Harris, H. Jansen, F. van der Schoot, T. Taimre | Combining optimisation and simulation using logic-based Benders decomposition | Yes | [303] | 2024 | European Journal of Operational Research | 15 | 0 0 0 | 26 37 | 1449 | 1684 |
| GuoZ23 GuoZ23 | P. Guo, J. Zhu | Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut | Yes | [373] | 2023 | European Journal of Operational Research | 29 | 0 1 1 | 112 145 | 1464 | 1694 |
| MullerMKP22 MullerMKP22 | D. Müller, M. G. Müller, D. Kress, E. Pesch | An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning | Yes | [622] | 2022 | European Journal of Operational Research | 18 | 17 19 20 | 59 93 | 1558 | 1714 |
| PohlAK22 PohlAK22 | M. Pohl, C. Artigues, R. Kolisch | Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach | Yes | [702] | 2022 | European Journal of Operational Research | 16 | 4 4 4 | 31 44 | 1592 | n/a |
| RoshanaeiN21 RoshanaeiN21 | V. Roshanaei, B. Naderi | Solving integrated operating room planning and scheduling: Logic-based Benders decomposition versus Branch-Price-and-Cut | Yes | [745] | 2021 | European Journal of Operational Research | 14 | 15 15 15 | 44 51 | 1608 | n/a |
| CarlierPSJ20 CarlierPSJ20 | J. Carlier, E. Pinson, A. Sahli, A. Jouglet | An O(n2) algorithm for time-bound adjustments for the cumulative scheduling problem | Yes | [187] | 2020 | European Journal of Operational Research | 9 | 6 7 8 | 10 19 | 1417 | n/a |
| MejiaY20 MejiaY20 | G. Mejía, F. Yuraszeck | A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times | Yes | [593] | 2020 | European Journal of Operational Research | 13 | 24 29 34 | 45 50 | 1544 | 1728 |
| QinDCS20 QinDCS20 | T. Qin, Y. Du, J. H. Chen, M. Sha | Combining mixed integer programming and constraint programming to solve the integrated scheduling problem of container handling operations of a single vessel | Yes | [717] | 2020 | European Journal of Operational Research | 18 | 27 30 31 | 30 35 | 1596 | n/a |
| ArkhipovBL19 ArkhipovBL19 | D. Arkhipov, O. Battaïa, A. Lazarev | An efficient pseudo-polynomial algorithm for finding a lower bound on the makespan for the Resource Constrained Project Scheduling Problem | Yes | [37] | 2019 | European Journal of Operational Research | 10 | 12 13 14 | 24 40 | 1364 | n/a |
| SunTB19 SunTB19 | D. Sun, L. Tang, R. Baldacci | A Benders decomposition-based framework for solving quay crane scheduling problems | Yes | [803] | 2019 | European Journal of Operational Research | 12 | 31 34 37 | 29 31 | 1630 | 1735 |
| KreterSSZ18 KreterSSZ18 | S. Kreter, A. Schutt, P. J. Stuckey, J. Zimmermann | Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems | Yes | [501] | 2018 | European Journal of Operational Research | 15 | 25 29 26 | 31 54 | 1514 | n/a |

Table 232: Articles in Journal European Journal of Operational Research (Total 29) (Total 29)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PourDERB18 PourDERB18 | S. M. Pour, J. H. Drake, L. S. Ejlertsen, K. M. Rasmussen, E. K. Burke | A hybrid Constraint Programming/Mixed Integer Programming framework for the preventive signaling maintenance crew scheduling problem | Yes | [706] | 2018 | European Journal of Operational Research | 12 | 41 47 48 | 13 25 | 1594 | n/a |
| CarlssonJL17 CarlssonJL17 | M. Carlsson, M. Johansson, J. Larson | Scheduling double round-robin tournaments with divisional play using constraint programming | No | [189] | 2017 | European Journal of Operational Research | 11 | 10 11 12 | 14 42 | No | n/a |
| RoshanaeiLAU17 RoshanaeiLAU17 | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling | Yes | [744] | 2017 | European Journal of Operational Research | 17 | 61 66 65 | 46 53 | 1607 | n/a |
| RiiseML16 RiiseML16 | A. Riise, C. Mannino, L. Lamorgese | Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling | Yes | [732] | 2016 | European Journal of Operational Research | 10 | 27 27 26 | 29 41 | 1601 | n/a |
| GoelSHFS15 GoelSHFS15 | V. Goel, M. Slusky, W.-J. van Hoeve, K. C. Furman, Y. Shao | Constraint programming for LNG ship scheduling and inventory management | Yes | [346] | 2015 | European Journal of Operational Research | 12 | 48 53 54 | 4 8 | 1455 | n/a |
| WangMD15 WangMD15 | T. Wang, N. Meskens, D. Duvivier | Scheduling operating theatres: Mixed integer programming vs. constraint programming | Yes | [881] | 2015 | European Journal of Operational Research | 13 | 36 38 38 | 33 49 | 1651 | n/a |
| MalapertGR12 MalapertGR12 | A. Malapert, C. Guéret, L.-M. Rousseau | A constraint programming approach for a batch processing problem with non-identical job sizes | No | [581] | 2012 | European Journal of Operational Research | 13 | 43 44 50 | 24 41 | No | n/a |
| RasmussenT07 RasmussenT07 | R. V. Rasmussen, M. A. Trick | A Benders approach for the constrained minimum break problem | No | [724] | 2007 | European Journal of Operational Research | 16 | 60 62 71 | 16 27 | No | n/a |
| KhayatLR06 KhayatLR06 | G. E. Khayat, A. Langevin, D. Riopel | Integrated production and material handling scheduling using mathematical programming and constraint programming | Yes | [474] | 2006 | European Journal of Operational Research | 15 | 84 89 96 | 14 26 | 1507 | n/a |
| HenzMT04 HenzMT04 | M. Henz, T. Müller, S. Thiel | Global constraints for round robin tournament scheduling | No | [414] | 2004 | European Journal of Operational Research | 10 | 44 47 0 | 8 24 | No | n/a |
| PoderBS04 PoderBS04 | E. Poder, N. Beldiceanu, E. Sanlaville | Computing a lower approximation of the compulsory part of a task with varying duration and varying resource consumption | Yes | [701] | 2004 | European Journal of Operational Research | 16 | 7 7 10 | 8 18 | 1591 | n/a |
| ArtiguesR00 ArtiguesR00 | C. Artigues, F. Roubellat | A polynomial activity insertion algorithm in a multi-resource schedule with cumulative constraints and multiple modes | Yes | [48] | 2000 | European Journal of Operational Research | 20 | 84 85 86 | 3 8 | 1368 | n/a |
| BruckerK00 BruckerK00 | P. Brucker, S. Knust | A linear programming and constraint propagation-based lower bound for the RCPSP | Yes | [169] | 2000 | European Journal of Operational Research | 8 | 66 67 80 | 8 12 | 1411 | n/a |
| TorresL00 TorresL00 | P. Torres, P. Lopez | On Not-First/Not-Last conditions in disjunctive scheduling | Yes | [833] | 2000 | European Journal of Operational Research | 12 | 26 26 26 | 13 27 | 1639 | n/a |
| JainM99 JainM99 | A. Jain, S. Meeran | Deterministic job-shop scheduling: Past, present and future | Yes | [447] | 1999 | European Journal of Operational Research | 45 | 490 503 630 | 150 262 | 1498 | n/a |
| PesantGPR99 PesantGPR99 | G. Pesant, M. Gendreau, J.-Y. Potvin, J.-M. Rousseau | On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem | Yes | [693] | 1999 | European Journal of Operational Research | 11 | 26 28 32 | 18 24 | 1590 | n/a |
| BlazewiczDP96 BlazewiczDP96 | J. Błażewicz, W. Domschke, E. Pesch | The job shop scheduling problem: Conventional and new solution techniques | Yes | [173] | 1996 | European Journal of Operational Research | 33 | 344 357 412 | 127 224 | 1399 | n/a |

Table 232: Articles in Journal European Journal of Operational Research (Total 29) (Total 29)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NuijtenA96 NuijtenA96 | W. Nuijten, E. H. L. Aarts | A computational study of constraint satisfaction for multiple capacitated job shop scheduling | Yes | [658] | 1996 | European Journal of Operational Research | 16 | 65 65 90 | 6 21 | 1576 | n/a |

## G.35 Expert Systems with Applications

Table 233: Articles in Journal Expert Systems with Applications (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CilKLO22 CilKLO22 | Z. A. Cil, D. Kizilay, Z. Li, H. Öztop | Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm | No | [208] | 2022 | Expert Systems with Applications | 1 | 5 11 10 | 44 52 | No | n/a |
| NovasH14 NovasH14 | J. M. Novas, G. P. Henning | Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming | Yes | [655] | 2014 | Expert Systems with Applications | 14 | 35 37 44 | 26 30 | 1575 | n/a |
| TopalogluSS12 TopalogluSS12 | S. Topaloglu, L. Salum, A. A. Supciller | Rule-based modeling and constraint programming based solution of the assembly line balancing problem | No | [832] | 2012 | Expert Systems with Applications | 10 | 31 32 38 | 34 43 | No | n/a |

## G.36 Frontiers of Mechanical Engineering in China

Table 234: Articles in Journal Frontiers of Mechanical Engineering in China (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ChenGPSH10 ChenGPSH10 | Y. Chen, Z. Guan, Y. Peng, X. Shao, M. Hasseb | Technology and system of constraint programming for industry production scheduling — Part I: A brief survey and potential directions | Yes | [203] | 2010 | Frontiers of Mechanical Engineering in China | 10 | 2 2 4 | 32 50 | 1420 | n/a |

## G.37 IEEE Engineering in Medicine and Biology Magazine

Table 235: Articles in Journal IEEE Engineering in Medicine and Biology Magazine (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WeilHFP95 WeilHFP95 | G. Weil, K. Heus, P. Francois, M. Poujade | Constraint programming for nurse scheduling | Yes | [885] | 1995 | IEEE Engineering in Medicine and Biology Magazine | 6 | 56 56 68 | 9 21 | 1652 | n/a |

## G.38 IEEE LATIN AMERICA TRANSACTIONS

Table 236: Articles in Journal IEEE LATIN AMERICA TRANSACTIONS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KonowalenkoMM19 KonowalenkoMM19 | E. Konowalenko, W. Meira, L. Magatao | Constraint Logic Programming Applied to Sequencing Tasks in a Pipeline Network | No | [486] | 2019 | IEEE LATIN AMERICA TRANSACTIONS | 9 | 0 0 0 | 0 0 | No | n/a |

## G.39 IEEE Robotics and Automation Letters

Table 237: Articles in Journal IEEE Robotics and Automation Letters (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HamP21 HamP21 | A. Ham, M.-J. Park | Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study | Yes | [381] | 2021 | IEEE Robotics and Automation Letters | 8 | 13 16 17 | 26 30 | 1474 | 1718 |
| BoothTNB16 BoothTNB16 | K. E. C. Booth, T. T. Tran, G. Nejat, J. C. Beck | Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning | Yes | [156] | 2016 | IEEE Robotics and Automation Letters | 8 | 27 28 35 | 21 34 | 1406 | n/a |

## G.40 IEEE Transactions on Automation Science and Engineering

Table 238: Articles in Journal IEEE Transactions on Automation Science and Engineering (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ham20a Ham20a | A. Ham | Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center | Yes | [378] | 2020 | IEEE Transactions on Automation Science and Engineering | 9 | 15 19 19 | 27 41 | 1471 | n/a |
| TanZWGQ19 TanZWGQ19 | Y. Tan, M. Zhou, Y. Wang, X. Guo, L. Qi | A Hybrid MIP–CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes | Yes | [812] | 2019 | IEEE Transactions on Automation Science and Engineering | 10 | 40 45 43 | 40 44 | 1632 | 1736 |

## G.41 IEEE Transactions on Computers

Table 239: Articles in Journal IEEE Transactions on Computers (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LombardiMB13 LombardiMB13 | M. Lombardi, M. Milano, L. Benini | Robust Scheduling of Task Graphs under Execution Time Uncertainty | Yes | [557] | 2013 | IEEE Transactions on Computers | 14 | 28 28 36 | 29 44 | 1531 | n/a |

## G.42 IEEE Transactions on Robotics

Table 240: Articles in Journal IEEE Transactions on Robotics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GombolayWS18 GombolayWS18 | M. C. Gombolay, R. J. Wilcox, J. A. Shah | Fast Scheduling of Robot Teams Performing Tasks With Temporospatial Constraints | Yes | [353] | 2018 | IEEE Transactions on Robotics | 20 | 71 80 79 | 75 89 | 1459 | n/a |

## G.43 IEEE Transactions on Semiconductor Manufacturing

Table 241: Articles in Journal IEEE Transactions on Semiconductor Manufacturing (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ham18a Ham18a | A. Ham | Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP | Yes | [377] | 2018 | IEEE Transactions on Semiconductor Manufacturing | 10 | 20 24 28 | 21 28 | 1470 | n/a |
| HamFC17 HamFC17 | A. Ham, J. W. Fowler, E. Cakici | Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines | Yes | [380] | 2017 | IEEE Transactions on Semiconductor Manufacturing | 8 | 21 24 25 | 28 33 | 1473 | n/a |

## G.44 IET Collaborative Intelligent Manufacturing

Table 242: Articles in Journal IET Collaborative Intelligent Manufacturing (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MengLZB21 MengLZB21 | L. Meng, C. Lu, B. Zhang, Y. Ren, C. Lv, H. Sang, J. Li, C. Zhang | Constraint programing for solving four complex flexible shop scheduling problems | Yes | [598] | 2021 | IET Collaborative Intelligent Manufacturing | 14 | 5 8 8 | 39 44 | 1548 | n/a |

## G.45 IFAC Proceedings Volumes

Table 243: Articles in Journal IFAC Proceedings Volumes (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OzturkTHO12 OzturkTHO12 | Ç. Öztürk, S. Tunalı, B. Hnich, A. Örnek | A Constraint Programming Model for Balancing and Scheduling of Flexible Mixed Model Assembly Lines with Parallel Stations | Yes | [674] | 2012 | IFAC Proceedings Volumes | 6 | 5 4 5 | 5 10 | 1582 | n/a |

## G.46 INFORMS Journal on Computing

Table 244: Articles in Journal INFORMS Journal on Computing (Total 25) (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FahimiQ23 FahimiQ23 | H. Fahimi, C.-G. Quimper | Overload-Checking and Edge-Finding for Robust Cumulative Scheduling | No | [288] | 2023 | INFORMS Journal on Computing | 20 | 0 0 0 | 16 21 | No | n/a |
| NaderiRR23 NaderiRR23 | B. Naderi, R. Ruiz, V. Roshanaei | Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook | Yes | [637] | 2023 | INFORMS Journal on Computing | 27 | 2 7 7 | 50 55 | 1563 | 1701 |
| ElciOH22 ElciOH22 | Özgün Elçi, J. N. Hooker | Stochastic Planning and Scheduling with Logic-Based Benders Decomposition | Yes | [268] | 2022 | INFORMS Journal on Computing | 15 | 2 4 6 | 34 36 | 1435 | n/a |
| HillBCGN22 HillBCGN22 | A. Hill, A. J. Brickey, I. Cipriano, M. Goycoolea, A. Newman | Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining | No | [417] | 2022 | INFORMS Journal on Computing | 17 | 0 2 2 | 53 58 | No | n/a |
| MartnezAJ22 MartnezAJ22 | K. P. Martínez, Y. Adulyasak, R. Jans | Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems | No | [590] | 2022 | INFORMS Journal on Computing | 15 | 1 2 2 | 29 29 | No | n/a |
| RoshanaeiLAU17a RoshanaeiLAU17a | V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach | Collaborative Operating Room Planning and Scheduling | No | [743] | 2017 | INFORMS Journal on Computing | 23 | 54 55 55 | 42 47 | No | n/a |
| DoulabiRP16 DoulabiRP16 | S. H. H. Doulabi, L.-M. Rousseau, G. Pesant | A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling | Yes | [260] | 2016 | INFORMS Journal on Computing | 17 | 56 63 64 | 28 32 | 1433 | n/a |
| TranAB16 TranAB16 | T. T. Tran, A. Araujo, J. C. Beck | Decomposition Methods for the Parallel Machine Scheduling Problem with Setups | Yes | [836] | 2016 | INFORMS Journal on Computing | 13 | 72 75 80 | 28 36 | 1640 | n/a |
| GrimesH15 GrimesH15 | D. Grimes, E. Hebrard | Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search | Yes | [360] | 2015 | INFORMS Journal on Computing | 17 | 12 13 16 | 41 66 | 1461 | n/a |
| BlomBPS14 BlomBPS14 | M. L. Blom, C. N. Burt, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines | Yes | [135] | 2014 | INFORMS Journal on Computing | 19 | 15 15 16 | 47 55 | 1400 | n/a |
| MalapertCGJLR12 MalapertCGJLR12 | A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L.-M. Rousseau | An Optimal Constraint Programming Approach to the Open-Shop Problem | Yes | [579] | 2012 | INFORMS Journal on Computing | 17 | 23 24 25 | 21 31 | 1538 | n/a |
| ZarandiB12 ZarandiB12 | M. M. Fazel-Zarandi, J. C. Beck | Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem | No | [295] | 2012 | INFORMS Journal on Computing | 12 | 38 38 42 | 57 61 | No | n/a |
| BandaSC11 BandaSC11 | Maria Garcia de la Banda, P. J. Stuckey, G. Chu | Solving Talent Scheduling with Dynamic Programming | Yes | [236] | 2011 | INFORMS Journal on Computing | 18 | 24 25 28 | 17 18 | 1374 | n/a |
| BeckFW11 BeckFW11 | J. C. Beck, T. K. Feng, J.-P. Watson | Combining Constraint Programming and Local Search for Job-Shop Scheduling | Yes | [93] | 2011 | INFORMS Journal on Computing | 14 | 43 46 59 | 23 33 | 1387 | n/a |
| Jans09 Jans09 | R. Jans | Solving Lot-Sizing Problems on Parallel Identical Machines Using Symmetry-Breaking Constraints | Yes | [449] | 2009 | INFORMS Journal on Computing | 14 | 59 60 61 | 73 77 | 1499 | n/a |
| MercierH08 MercierH08 | L. Mercier, P. V. Hentenryck | Edge Finding for Cumulative Scheduling | Yes | [600] | 2008 | INFORMS Journal on Computing | 11 | 32 33 0 | 5 8 | 1551 | n/a |
| SadykovW06 SadykovW06 | R. Sadykov, L. A. Wolsey | Integer Programming and Constraint Programming in Solving a Multimachine Assignment Scheduling Problem with Deadlines and Release Dates | Yes | [754] | 2006 | INFORMS Journal on Computing | 9 | 45 46 38 | 6 9 | 1612 | n/a |
| DemasseyAM05 DemasseyAM05 | S. Demassey, C. Artigues, P. Michelon | Constraint-Propagation-Based Cutting Planes: An Application to the Resource-Constrained Project Scheduling Problem | Yes | [242] | 2005 | INFORMS Journal on Computing | 14 | 43 43 51 | 25 30 | 1430 | n/a |
| Hooker02 Hooker02 | J. N. Hooker | Logic, Optimization, and Constraint Programming | No | [422] | 2002 | INFORMS Journal on Computing | 27 | 94 93 0 | 84 149 | No | n/a |
| MilanoORT02 MilanoORT02 | M. Milano, G. Ottosson, P. Refalo, E. S. Thorsteinsson | The Role of Integer Programming Techniques in Constraint Programming's Global Constraints | No | [607] | 2002 | INFORMS Journal on Computing | 16 | 14 14 0 | 31 60 | No | n/a |

Table 244: Articles in Journal INFORMS Journal on Computing (Total 25) (Total 25)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| JainG01 JainG01 | V. Jain, I. E. Grossmann | Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems | Yes | [448] | 2001 | INFORMS Journal on Computing | 19 | 279 284 321 | 23 38 | 1497 | n/a |
| SourdN00 SourdN00 | F. Sourd, W. Nuijten | Multiple-Machine Lower Bounds for Shop-Scheduling Problems | Yes | [797] | 2000 | INFORMS Journal on Computing | 12 | 7 7 8 | 14 23 | 1628 | n/a |
| BockmayrK98 BockmayrK98 | A. Bockmayr, T. Kasper | Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming | No | [139] | 1998 | INFORMS Journal on Computing | 14 | 79 79 92 | 27 42 | No | n/a |
| DarbyDowmanL98 DarbyDowmanL98 | K. Darby-Dowman, J. Little | Properties of Some Combinatorial Optimization Problems and Their Effect on the Performance of Integer Programming and Constraint Logic Programming | No | [227] | 1998 | INFORMS Journal on Computing | 11 | 28 28 35 | 6 13 | No | n/a |
| PeschT96 PeschT96 | E. Pesch, U. A. W. Tetzlaff | Constraint Propagation Based Scheduling of Job Shops | No | [695] | 1996 | INFORMS Journal on Computing | 14 | 22 23 17 | 0 0 | No | n/a |

## G.47 INFORMS Journal on Optimization

Table 245: Articles in Journal INFORMS Journal on Optimization (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiR22 NaderiR22 | B. Naderi, V. Roshanaei | Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling | No | [635] | 2022 | INFORMS Journal on Optimization | 28 | 5 7 0 | 49 52 | No | n/a |

## G.48 INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH

Table 246: Articles in Journal INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ribeiro12 Ribeiro12 | C. C. Ribeiro | Sports scheduling: Problems and applications | No | [731] | 2012 | INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH | 26 | 47 52 54 | 59 92 | No | n/a |

## G.49 Indian Journal of Pure and Applied Mathematics

Table 247: Articles in Journal Indian Journal of Pure and Applied Mathematics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KameugneF13 KameugneF13 | R. Kameugne, L. P. Fotso | A cumulative not-first/not-last filtering algorithm in O(n 2log(n)) | Yes | [465] | 2013 | Indian Journal of Pure and Applied Mathematics | 21 | 6 8 8 | 4 19 | 1504 | n/a |

## G.50 Industrial & Engineering Chemistry Research

Table 248: Articles in Journal Industrial Engineering Chemistry Research (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZeballosCM10 ZeballosCM10 | L. J. Zeballos, P. M. Castro, C. A. Méndez | Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing | Yes | [914] | 2010 | Industrial Engineering Chemistry Research | 11 | 22 23 29 | 30 39 | 1663 | n/a |
| ZeballosM09 ZeballosM09 | L. J. Zeballos, C. A. Méndez | An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants | No | [916] | 2009 | Industrial Engineering Chemistry Research | 13 | 7 7 7 | 14 23 | No | n/a |

## G.51 Inf. Comput.

Table 249: Articles in Journal Inf. Comput. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FalaschiGMP97 FalaschiGMP97 | M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi | Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators | Yes | [289] | 1997 | Inf. Comput. | 27 | 10 10 12 | 9 15 | 1443 | n/a |

## G.52 Int. J. Adv. Intell. Paradigms

Table 250: Articles in Journal Int. J. Adv. Intell. Paradigms (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AlizdehS20 AlizdehS20 | S. Alizdeh, S. Saeidi | Fuzzy project scheduling with critical path including risk and resource constraints using linear programming | No | [26] | 2020 | Int. J. Adv. Intell. Paradigms | 14 | 1 1 3 | 0 0 | No | n/a |

## G.53 Int. J. Artif. Intell. Tools

Table 251: Articles in Journal Int. J. Artif. Intell. Tools (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AntunesABD20 AntunesABD20 | M. Antunes, V. Armant, K. N. Brown, D. A. Desmond, G. Escamocher, A.-M. George, D. Grimes, M. O'Keeffe, Y. Lin, B. O'Sullivan, C. Öztürk, L. Quesada, M. Siala, H. Simonis, N. Wilson | Assigning and Scheduling Service Visits in a Mixed Urban/Rural Setting | Yes | [30] | 2020 | Int. J. Artif. Intell. Tools | 31 | 0 0 1 | 16 18 | 1363 | n/a |
| MalikMB08 MalikMB08 | A. M. Malik, J. McInnes, P. van Beek | Optimal Basic Block Instruction Scheduling for Multiple-Issue Processors Using Constraint Programming | Yes | [584] | 2008 | Int. J. Artif. Intell. Tools | 18 | 15 14 14 | 8 12 | 1539 | n/a |

## G.54 Int. J. Comput. Integr. Manuf.

Table 252: Articles in Journal Int. J. Comput. Integr. Manuf. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MokhtarzadehTNF20 MokhtarzadehTNF20 | M. Mokhtarzadeh, R. Tavakkoli-Moghaddam, B. V. Nouri, A. Farsi | Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach | Yes | [613] | 2020 | Int. J. Comput. Integr. Manuf. | 14 | 25 29 30 | 32 34 | 1555 | n/a |

## G.55 Int. J. Electron. Secur. Digit. Forensics

Table 253: Articles in Journal Int. J. Electron. Secur. Digit. Forensics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ShaikhK23 ShaikhK23 | A. A. Shaikh, A. A. Khan | Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems | Yes | [779] | 2023 | Int. J. Electron. Secur. Digit. Forensics | 12 | 0 0 0 | 0 0 | 1621 | 1702 |

## G.56 Int. J. Intell. Inf. Database Syst.

Table 254: Articles in Journal Int. J. Intell. Inf. Database Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BocewiczBB09 BocewiczBB09 | G. Bocewicz, I. Bach, Z. A. Banaszak | Logic-algebraic method based and constraints programming driven approach to AGVs scheduling | Yes | [137] | 2009 | Int. J. Intell. Inf. Database Syst. | 19 | 0 0 1 | 0 0 | 1402 | n/a |

## G.57 Int. J. Netw. Comput.

Table 255: Articles in Journal Int. J. Netw. Comput. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NishikawaSTT19 NishikawaSTT19 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | A Constraint Programming Approach to Scheduling of Malleable Tasks | Yes | [650] | 2019 | Int. J. Netw. Comput. | 16 | 3 3 0 | 20 30 | 1570 | n/a |

## G.58 Int. J. Parallel Emergent Distributed Syst.

Table 256: Articles in Journal Int. J. Parallel Emergent Distributed Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SureshMOK06 SureshMOK06 | S. Sundaram, V. Mani, S. N. Omkar, H. J. Kim | Divisible load scheduling in distributed system with buffer constraints: genetic algorithm and linear programming approach | Yes | [806] | 2006 | Int. J. Parallel Emergent Distributed Syst. | 19 | 12 12 13 | 23 39 | 1631 | n/a |

## G.59 Inteligencia Artif.

Table 257: Articles in Journal Inteligencia Artif. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZeballosH05 ZeballosH05 | L. J. Zeballos, G. P. Henning | A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources | Yes | [915] | 2005 | Inteligencia Artif. | 10 | 0 0 0 | 0 0 | 1664 | n/a |

## G.60 Intelligent Systems Engineering

Table 258: Articles in Journal Intelligent Systems Engineering (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pape94 Pape94 | C. L. Pape | Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems | Yes | [681] | 1994 | Intelligent Systems Engineering | 34 | 98 98 103 | 0 53 | 1587 | n/a |

## G.61 Intelligenza Artificiale

Table 259: Articles in Journal Intelligenza Artificiale (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bonfietti16 Bonfietti16 | A. Bonfietti | A constraint programming scheduling solver for the MPOpt programming environment | Yes | [146] | 2016 | Intelligenza Artificiale | 13 | 0 0 0 | 19 37 | 1404 | n/a |

## G.62 International Journal of Applied Management Science

Table 260: Articles in Journal International Journal of Applied Management Science (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FallahiAC20 FallahiAC20 | A. E. Fallahi, E. Y. Anass, M. Cherkaoui | Tabu search and constraint programming-based approach for a real scheduling and routing problem | Yes | [290] | 2020 | International Journal of Applied Management Science | 18 | 0 0 0 | 0 0 | 1444 | 1725 |

## G.63 International Journal of Industrial Engineering: Theory, Applications and Practice

Table 261: Articles in Journal International Journal of Industrial Engineering: Theory, Applications and Practice (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OrnekO16 OrnekO16 | A. Örnek, C. Öztürk | Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems | Yes | [668] | 2016 | International Journal of Industrial Engineering: Theory, Applications and Practice | 25 | 0 0 0 | 0 0 | 1579 | n/a |

## G.64 International Journal of Management Science and Engineering Management

Table 262: Articles in Journal International Journal of Management Science and Engineering Management (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FarsiTM22 FarsiTM22 | A. Farsi, S. A. Torabi, M. Mokhtarzadeh | Integrated surgery scheduling by constraint programming and meta-heuristics | Yes | [293] | 2022 | International Journal of Management Science and Engineering Management | 14 | 5 5 8 | 47 50 | 1446 | 1712 |
| RabbaniMM21 RabbaniMM21 | M. Rabbani, M. Mokhtarzadeh, N. Manavizadeh | A constraint programming approach and a hybrid of genetic and K-means algorithms to solve the p-hub location-allocation problems | No | [721] | 2021 | International Journal of Management Science and Engineering Management | 11 | 4 4 9 | 44 46 | No | n/a |

## G.65 International Journal of Production Economics

Table 263: Articles in Journal International Journal of Production Economics (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RoshanaeiBAUB20 RoshanaeiBAUB20 | V. Roshanaei, K. E. C. Booth, D. M. Aleman, D. R. Urbach, J. C. Beck | Branch-and-check methods for multi-level operating room planning and scheduling | Yes | [742] | 2020 | International Journal of Production Economics | 19 | 24 29 29 | 43 56 | 1606 | n/a |
| ArtiguesLH13 ArtiguesLH13 | C. Artigues, P. Lopez, A. Haït | The energy scheduling problem: Industrial case-study and constraint propagation techniques | Yes | [47] | 2013 | International Journal of Production Economics | 11 | 76 82 83 | 16 25 | 1367 | n/a |

## G.66 International Journal of Production Research

Table 264: Articles in Journal International Journal of Production Research (Total 11) (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AbreuNP23 AbreuNP23 | L. R. de Abreu, M. S. Nagano, B. A. Prata | A new two-stage constraint programming approach for open shop scheduling problem with machine blocking | Yes | [234] | 2023 | International Journal of Production Research | 20 | 1 2 0 | 47 54 | 1352 | 1687 |
| GunerGSKD23 GunerGSKD23 | F. Güner, A. K. Görür, B. Satır, L. Kandiller, J. H. Drake | A constraint programming approach to a real-world workforce scheduling problem for multi-manned assembly lines with sequence-dependent setup times | No | [371] | 2023 | International Journal of Production Research | 18 | 0 3 0 | 43 46 | No | n/a |
| NouriMHD23 NouriMHD23 | B. Vahedi-Nouri, R. Tavakkoli-Moghaddam, Z. Hanzálek, A. Dolgui | Production scheduling in a reconfigurable manufacturing system benefiting from human-robot collaboration | No | [852] | 2023 | International Journal of Production Research | 17 | 2 6 5 | 44 49 | No | n/a |
| BourreauGGLT22 BourreauGGLT22 | E. Bourreau, T. Garaix, M. Gondran, P. Lacomme, N. Tchernev | A constraint-programming based decomposition method for the Generalised Workforce Scheduling and Routing Problem (GWSRP) | Yes | [162] | 2022 | International Journal of Production Research | 19 | 4 6 6 | 44 50 | 1409 | n/a |
| ShiYXQ22 ShiYXQ22 | G. Shi, Z. Yang, Y. Xu, Y. Quan | Solving the integrated process planning and scheduling problem using an enhanced constraint programming-based approach | No | [781] | 2022 | International Journal of Production Research | 18 | 2 3 3 | 45 53 | No | n/a |
| YunusogluY22 YunusogluY22 | P. Yunusoglu, S. T. Yildiz | Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times | Yes | [905] | 2022 | International Journal of Production Research | 18 | 20 36 40 | 58 64 | 1657 | 1715 |
| CarlierSJP21 CarlierSJP21 | J. Carlier, A. Sahli, A. Jouglet, E. Pinson | A faster checker of the energetic reasoning for the cumulative scheduling problem | No | [188] | 2021 | International Journal of Production Research | 16 | 3 6 4 | 26 29 | No | n/a |
| Ham20 Ham20 | A. Ham | Transfer-robot task scheduling in job shop | No | [379] | 2020 | International Journal of Production Research | 11 | 15 19 37 | 27 41 | No | n/a |
| Polo-MejiaALB20 Polo-MejiaALB20 | O. Polo-Mejía, C. Artigues, P. Lopez, V. Basini | Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility | Yes | [704] | 2020 | International Journal of Production Research | 18 | 8 10 11 | 23 36 | 1593 | 1730 |
| WariZ19 WariZ19 | E. Wari, W. Zhu | A Constraint Programming model for food processing industry: a case for an ice cream processing facility | No | [882] | 2019 | International Journal of Production Research | 17 | 11 11 12 | 42 54 | No | n/a |

Table 264: Articles in Journal International Journal of Production Research (Total 11) (Total 11)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GokgurHO18 GokgurHO18 | B. Gökgür, B. Hnich, S. Özpeynirci | Parallel machine scheduling with tool loading: a constraint programming approach | Yes | [349] | 2018 | International Journal of Production Research | 17 | 31 40 51 | 43 62 | 1457 | n/a |

## G.67 International Journal of Systems Science: Operations & Logistics

Table 265: Articles in Journal International Journal of Systems Science: Operations Logistics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GhasemiMH23 GhasemiMH23 | S. Ghasemi, R. Tavakkoli-Moghaddam, M. Hamid | Operating room scheduling by emphasising human factors and dynamic decision-making styles: a constraint programming method | No | [339] | 2023 | International Journal of Systems Science: Operations Logistics | null | 0 0 1 | 104 130 | No | n/a |

## G.68 J. Artif. Intell. Res.

Table 266: Articles in Journal J. Artif. Intell. Res. (Total 6) (Total 6)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GoldwaserS18 GoldwaserS18 | A. Goldwaser, A. Schutt | Optimal Torpedo Scheduling | Yes | [351] | 2018 | J. Artif. Intell. Res. | 32 | 8 8 9 | 0 0 | 1458 | 1741 |
| TranVNB17 TranVNB17 | T. T. Tran, T. S. Vaquero, G. Nejat, J. C. Beck | Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots | Yes | [841] | 2017 | J. Artif. Intell. Res. | 68 | 12 12 21 | 0 0 | 1642 | n/a |
| TerekhovTDB14 TerekhovTDB14 | D. Terekhov, T. T. Tran, D. G. Down, J. C. Beck | Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems | Yes | [822] | 2014 | J. Artif. Intell. Res. | 38 | 12 13 17 | 0 0 | 1635 | n/a |
| BajestaniB13 BajestaniB13 | M. A. Bajestani, J. C. Beck | Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources | Yes | [58] | 2013 | J. Artif. Intell. Res. | 36 | 14 15 20 | 0 0 | 1372 | n/a |
| Beck07 Beck07 | J. C. Beck | Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling | Yes | [87] | 2007 | J. Artif. Intell. Res. | 29 | 34 34 57 | 0 0 | 1382 | n/a |
| BeckW07 BeckW07 | J. C. Beck, N. Wilson | Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations | Yes | [102] | 2007 | J. Artif. Intell. Res. | 50 | 27 31 61 | 0 0 | 1389 | n/a |

## G.69 J. Heuristics

Table 267: Articles in Journal J. Heuristics (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ThiruvadyWGS14 ThiruvadyWGS14 | D. R. Thiruvady, M. G. Wallace, H. Gu, A. Schutt | A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows | Yes | [826] | 2014 | J. Heuristics | 34 | 19 20 19 | 18 24 | 1636 | n/a |
| NuijtenP98 NuijtenP98 | W. Nuijten, C. L. Pape | Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler | Yes | [659] | 1998 | J. Heuristics | 16 | 42 0 50 | 0 0 | 1577 | n/a |

## G.70 J. Supercomput.

Table 268: Articles in Journal J. Supercomput. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PandeyS21a PandeyS21a | V. Pandey, P. Saini | Constraint programming versus heuristic approach to MapReduce scheduling problem in Hadoop YARN for energy minimization | Yes | [680] | 2021 | J. Supercomput. | 29 | 3 3 3 | 32 41 | 1585 | n/a |

## G.71 J. Syst. Archit.

Table 269: Articles in Journal J. Syst. Archit. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KuchcinskiW03 KuchcinskiW03 | K. Kuchcinski, C. Wolinski | Global approach to assignment and scheduling of complex behaviors based on HCDG and constraint programming | Yes | [504] | 2003 | J. Syst. Archit. | 15 | 19 19 22 | 18 23 | 1517 | n/a |

## G.72 Journal Européen des Systèmes Automatisés

Table 270: Articles in Journal Journal Européen des Systèmes Automatisés (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bedhief21 Bedhief21 | A. O. Bedhief | Comparing Mixed-Integer Programming and Constraint Programming Models for the Hybrid Flow Shop Scheduling Problem with Dedicated Machines | Yes | [103] | 2021 | Journal Européen des Systèmes Automatisés | 7 | 0 0 2 | 0 0 | 1390 | n/a |

## G.73 Journal of Applied Mathematics

Table 271: Articles in Journal Journal of Applied Mathematics (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GomesM17 GomesM17 | F. R. A. Gomes, G. R. Mateus | Improved Combinatorial Benders Decomposition for a Scheduling Problem with Unrelated Parallel Machines | Yes | [355] | 2017 | Journal of Applied Mathematics | 10 | 1 1 3 | 43 44 | 1460 | n/a |

## G.74 Journal of Intelligent Manufacturing

Table 272: Articles in Journal Journal of Intelligent Manufacturing (Total 5) (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiKS16 ZarandiKS16 | M. H. F. Zarandi, H. Khorshidian, M. A. Shirazi | A constraint programming model for the scheduling of JIT cross-docking systems with preemption | Yes | [911] | 2016 | Journal of Intelligent Manufacturing | 17 | 28 29 31 | 14 22 | 1661 | n/a |
| MenciaSV13 MenciaSV13 | C. Mencía, M. R. Sierra, R. Varela | Intensified iterative deepening A* with application to job shop scheduling | Yes | [596] | 2013 | Journal of Intelligent Manufacturing | 11 | 9 9 12 | 43 55 | 1546 | 1755 |
| KelbelH11 KelbelH11 | J. Kelbel, Z. Hanzálek | Solving production scheduling with earliness/tardiness penalties by constraint programming | Yes | [470] | 2011 | Journal of Intelligent Manufacturing | 10 | 12 16 18 | 14 25 | 1506 | n/a |
| Salido10 Salido10 | M. A. Salido | Introduction to planning, scheduling and constraint satisfaction | Yes | [757] | 2010 | Journal of Intelligent Manufacturing | 4 | 22 22 17 | 1 3 | 1614 | n/a |
| BartakSR08 BartakSR08 | R. Barták, M. A. Salido, F. Rossi | Constraint satisfaction techniques in planning and scheduling | Yes | [83] | 2008 | Journal of Intelligent Manufacturing | 11 | 54 57 76 | 21 51 | 1380 | n/a |

## G.75 Journal of Manufacturing Systems

Table 273: Articles in Journal Journal of Manufacturing Systems (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OzturkTHO15 OzturkTHO15 | C. Öztürk, S. Tunalı, B. Hnich, A. Örnek | Cyclic scheduling of flexible mixed model assembly lines with parallel stations | Yes | [677] | 2015 | Journal of Manufacturing Systems | 12 | 27 28 31 | 17 32 | 1584 | n/a |

## G.76 Journal of Marine Science and Engineering

Table 274: Articles in Journal Journal of Marine Science and Engineering (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LuZZYW24 LuZZYW24 | X. Lu, Y. Zhang, L. Zheng, C. Yang, J. Wang | Integrated Inbound and Outbound Scheduling for Coal Port: Constraint Programming and Adaptive Local Search | Yes | [564] | 2024 | Journal of Marine Science and Engineering | 36 | 0 0 0 | 0 57 | 1536 | n/a |

## G.77 Journal of Mathematical Modelling and Algorithms

Table 275: Articles in Journal Journal of Mathematical Modelling and Algorithms (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CarchraeB09 CarchraeB09 | T. Carchrae, J. C. Beck | Principles for the Design of Large Neighborhood Search | Yes | [181] | 2009 | Journal of Mathematical Modelling and Algorithms | 26 | 16 17 25 | 19 29 | 1416 | n/a |

## G.78 Journal of Scheduling

Table 276: Articles in Journal Journal of Scheduling (Total 15) (Total 15)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BulckG22 BulckG22 | D. V. Bulck, D. Goossens | Optimizing rest times and differences in games played: an iterative two-phase approach | Yes | [855] | 2022 | Journal of Scheduling | 11 | 2 3 3 | 19 22 | 1413 | n/a |

Table 276: Articles in Journal Journal of Scheduling (Total 15) (Total 15)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HubnerGSV21 HubnerGSV21 | F. Hübner, P. Gerhards, C. Stürck, R. Volk | Solving the nuclear dismantling project scheduling problem by combining mixed-integer and constraint programming techniques and metaheuristics | Yes | [440] | 2021 | Journal of Scheduling | 22 | 0 2 1 | 37 46 | 1495 | n/a |
| CauwelaertDS20 CauwelaertDS20 | S. V. Cauwelaert, C. Dejemeppe, P. Schaus | An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities | Yes | [197] | 2020 | Journal of Scheduling | 19 | 2 2 2 | 21 36 | 1418 | 1723 |
| TranPZLDB18 TranPZLDB18 | T. T. Tran, M. Padmanabhan, P. Y. Zhang, H. Li, D. G. Down, J. C. Beck | Multi-stage resource-aware scheduling for data centers with heterogeneous servers | Yes | [839] | 2018 | Journal of Scheduling | 17 | 8 9 9 | 26 29 | 1641 | n/a |
| BajestaniB15 BajestaniB15 | M. A. Bajestani, J. C. Beck | A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines | Yes | [59] | 2015 | Journal of Scheduling | 16 | 17 18 20 | 59 69 | 1373 | n/a |
| ArtiguesL14 ArtiguesL14 | C. Artigues, P. Lopez | Energetic reasoning for energy-constrained scheduling with a continuous resource | Yes | [46] | 2014 | Journal of Scheduling | 17 | 11 13 14 | 19 26 | 1366 | n/a |
| LaborieR14 LaborieR14 | P. Laborie, J. Rogerie | Temporal linear relaxation in IBM ILOG CP Optimizer | Yes | [513] | 2014 | Journal of Scheduling | 10 | 17 19 22 | 13 26 | 1519 | n/a |
| SchuttFSW13 SchuttFSW13 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving RCPSP/max by lazy clause generation | Yes | [772] | 2013 | Journal of Scheduling | 17 | 43 45 57 | 23 38 | 1620 | 1757 |
| HeckmanB11 HeckmanB11 | I. Heckman, J. C. Beck | Understanding the behavior of Solution-Guided Search for job-shop scheduling | Yes | [401] | 2011 | Journal of Scheduling | 20 | 0 1 3 | 22 39 | 1481 | n/a |
| LombardiMRB10 LombardiMRB10 | M. Lombardi, M. Milano, M. Ruggiero, L. Benini | Stochastic allocation and scheduling for conditional task graphs in multi-processor systems-on-chip | Yes | [558] | 2010 | Journal of Scheduling | 31 | 24 24 30 | 41 55 | 1532 | n/a |
| BidotVLB09 BidotVLB09 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A theoretic and practical framework for scheduling in a stochastic environment | Yes | [130] | 2009 | Journal of Scheduling | 30 | 58 60 76 | 20 49 | 1398 | n/a |
| GarridoAO09 GarridoAO09 | A. Garrido, M. Arangú, E. Onaindia | A constraint programming formulation for planning: from plan scheduling to plan generation | Yes | [320] | 2009 | Journal of Scheduling | 30 | 5 5 9 | 14 37 | 1451 | n/a |
| LiW08 LiW08 | H. Li, K. Womer | Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm | Yes | [529] | 2008 | Journal of Scheduling | 18 | 113 123 144 | 31 52 | 1524 | n/a |
| Tsang03 Tsang03 | E. P. K. Tsang | Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems | Yes | [848] | 2003 | Journal of Scheduling | 2 | 1 0 0 | 0 0 | 1644 | n/a |
| BeckDDF98 BeckDDF98 | J. C. Beck, A. J. Davenport, E. D. Davis, M. S. Fox | The ODO project: toward a unified basis for constraint-directed scheduling | Yes | [89] | 1998 | Journal of Scheduling | 37 | 9 8 0 | 0 0 | 1383 | n/a |

## G.79 Journal of Systems and Software

Table 277: Articles in Journal Journal of Systems and Software (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HladikCDJ08 HladikCDJ08 | P.-E. Hladik, H. Cambazard, A.-M. Déplanche, N. Jussien | Solving a real-time allocation problem with constraint programming | Yes | [419] | 2008 | Journal of Systems and Software | 18 | 36 37 48 | 27 66 | 1486 | n/a |

## G.80 Journal of the Operational Research Society

Table 278: Articles in Journal Journal of the Operational Research Society (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EdwardsBSE19 EdwardsBSE19 | S. J. Edwards, D. Baatar, K. Smith-Miles, A. T. Ernst | Symmetry breaking of identical projects in the high-multiplicity RCPSP/max | No | [266] | 2019 | Journal of the Operational Research Society | 22 | 3 3 3 | 40 51 | No | n/a |
| LorigeonBB02 LorigeonBB02 | T. Lorigeon, J.-C. Billaut, J.-L. Bouquard | A dynamic programming algorithm for scheduling jobs in a two-machine open shop with an availability constraint | Yes | [561] | 2002 | Journal of the Operational Research Society | 8 | 22 23 25 | 0 0 | 1535 | n/a |

## G.81 Knowl. Eng. Rev.

Table 279: Articles in Journal Knowl. Eng. Rev. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BartakSR10 BartakSR10 | R. Barták, M. A. Salido, F. Rossi | New trends in constraint satisfaction, planning, and scheduling: a survey | Yes | [79] | 2010 | Knowl. Eng. Rev. | 31 | 28 29 31 | 47 88 | 1381 | n/a |

## G.82 Manag. Sci.

Table 280: Articles in Journal Manag. Sci. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BlomPS16 BlomPS16 | M. L. Blom, A. R. Pearce, P. J. Stuckey | A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods | Yes | [136] | 2016 | Manag. Sci. | 26 | 20 23 25 | 36 46 | 1401 | n/a |

## G.83 Mathematical Problems in Engineering

Table 281: Articles in Journal Mathematical Problems in Engineering (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HamPK21 HamPK21 | A. Ham, M.-J. Park, K. M. Kim | Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming | Yes | [382] | 2021 | Mathematical Problems in Engineering | 12 | 6 9 11 | 46 51 | 1475 | 1719 |

## G.84 Mathematical Programming

Table 282: Articles in Journal Mathematical Programming (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HookerO03 HookerO03 | J. N. Hooker, G. Ottosson | Logic-based Benders decomposition | Yes | [434] | 2003 | Mathematical Programming | 28 | 317 333 371 | 0 0 | 1491 | n/a |

## G.85 Mathematical and Computer Modelling

Table 283: Articles in Journal Mathematical and Computer Modelling (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeldiceanuC94 BeldiceanuC94 | N. Beldiceanu, E. Contejean | Introducing Global Constraints in CHIP | Yes | [111] | 1994 | Mathematical and Computer Modelling | 27 | 167 169 223 | 8 21 | 1392 | n/a |
| AggounB93 AggounB93 | A. Aggoun, N. Beldiceanu | Extending CHIP in order to solve complex scheduling and placement problems | Yes | [13] | 1993 | Mathematical and Computer Modelling | 17 | 187 191 214 | 11 36 | 1356 | n/a |

## G.86 Mathematics

Table 284: Articles in Journal Mathematics (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YuraszeckMPV22 YuraszeckMPV22 | F. Yuraszeck, G. Mejía, J. Pereira, M. Vilà | A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem | Yes | [907] | 2022 | Mathematics | 26 | 6 9 9 | 29 37 | 1659 | 1716 |
| GurEA19 GurEA19 | Şeyda Gür, T. Eren, H. M. Alakaş | Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study | Yes | [934] | 2019 | Mathematics | 24 | 19 21 19 | 30 49 | 1465 | n/a |

## G.87 OPERATIONS RESEARCH LETTERS

Table 285: Articles in Journal OPERATIONS RESEARCH LETTERS (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ElfJR03 ElfJR03 | M. Elf, M. Jünger, G. Rinaldi | Minimizing breaks by maximizing cuts | No | [269] | 2003 | OPERATIONS RESEARCH LETTERS | 7 | 41 41 45 | 7 10 | No | n/a |

## G.88 Omega

Table 286: Articles in Journal Omega (Total 4) (Total 4)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 | S. Fatemi-Anaraki, R. Tavakkoli-Moghaddam, M. Foumani, B. Vahedi-Nouri | Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches | Yes | [294] | 2023 | Omega | 15 | 7 14 16 | 60 66 | 1447 | 1692 |
| NaderiBZR23 NaderiBZR23 | B. Naderi, M. A. Begen, G. S. Zaric, V. Roshanaei | A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty | Yes | [632] | 2023 | Omega | 15 | 4 6 6 | 64 80 | 1562 | 1700 |
| ZhuSZW23 ZhuSZW23 | X. Zhu, J. Son, X. Zhang, J. Wu | Constraint programming and logic-based Benders decomposition for the integrated process planning and scheduling problem | Yes | [930] | 2023 | Omega | 22 | 1 1 1 | 36 50 | 1670 | n/a |
| BukchinR18 BukchinR18 | Y. Bukchin, T. Raviv | Constraint programming for solving various assembly line balancing problems | Yes | [171] | 2018 | Omega | 12 | 66 68 81 | 29 43 | 1412 | n/a |

## G.89 Oper. Res. Forum

Table 287: Articles in Journal Oper. Res. Forum (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FrimodigECM23 FrimodigECM23 | S. Frimodig, P. Enqvist, M. Carlsson, C. Mercier | Comparing Optimization Methods for Radiation Therapy Patient Scheduling using Different Objectives | Yes | [311] | 2023 | Oper. Res. Forum | 38 | 0 0 0 | 0 56 | 1450 | n/a |
| FetgoD22 FetgoD22 | S. B. Fetgo, C. T. Djamégni | Horizontally Elastic Edge-Finder Algorithm for Cumulative Resource Constraint Revisited | Yes | [298] | 2022 | Oper. Res. Forum | 32 | 0 0 1 | 20 29 | 1448 | n/a |
| SacramentoSP20 SacramentoSP20 | D. Sacramento, C. Solnon, D. Pisinger | Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports | Yes | [751] | 2020 | Oper. Res. Forum | 33 | 2 4 5 | 38 46 | 1610 | 1731 |

## G.90 Operational Research

Table 288: Articles in Journal Operational Research (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OrnekOS20 OrnekOS20 | A. Örnek, C. Öztürk, I. Sugut | Integer and constraint programming model formulations for flight-gate assignment problem | Yes | [669] | 2022 | Operational Research | 29 | 0 0 0 | 0 0 | 1580 | n/a |

## G.91 Operations Research

Table 289: Articles in Journal Operations Research (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |
| Henz01 Henz01 | M. Henz | Scheduling a Major College Basketball Conference—Revisited | No | [413] | 2001 | Operations Research | 6 | 65 68 0 | 9 16 | No | n/a |

## G.92 Operations Research Perspectives

Table 290: Articles in Journal Operations Research Perspectives (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ColT22 ColT22 | G. D. Col, E. C. Teppan | Industrial-size job shop scheduling with constraint programming | Yes | [224] | 2022 | Operations Research Perspectives | 19 | 3 8 13 | 55 99 | 1425 | 1710 |
| SchnellH17 SchnellH17 | A. Schnell, R. F. Hartl | On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs | Yes | [764] | 2017 | Operations Research Perspectives | 11 | 12 18 21 | 20 37 | 1618 | 1746 |

## G.93 Operations Research for Health Care

Table 291: Articles in Journal Operations Research for Health Care (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhaoL14 ZhaoL14 | Z. Zhao, X. Li | Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming | No | [925] | 2014 | Operations Research for Health Care | 8 | 40 40 50 | 23 34 | No | n/a |

## G.94 Operations research for health care

Table 292: Articles in Journal Operations research for health care (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YounespourAKE19 YounespourAKE19 | M. Younespour, A. Atighehchian, K. Kianfar, E. T. Esfahani | Using mixed integer programming and constraint programming for operating rooms scheduling with modified block strategy | Yes | [902] | 2019 | Operations research for health care | 11 | 7 7 11 | 15 26 | 1656 | n/a |

## G.95 Production and Operations Management

Table 293: Articles in Journal Production and Operations Management (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiRBAU21 NaderiRBAU21 | B. Naderi, V. Roshanaei, M. A. Begen, D. M. Aleman, D. R. Urbach | Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling | No | [636] | 2021 | Production and Operations Management | 28 | 22 23 23 | 61 66 | No | n/a |

## G.96 Results in Control and Optimization

Table 294: Articles in Journal Results in Control and Optimization (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PrataAN23 PrataAN23 | B. A. Prata, L. R. Abreu, M. S. Nagano | Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis | Yes | [710] | 2024 | Results in Control and Optimization | 17 | 0 0 0 | 0 149 | 1595 | 1685 |

## G.97 Robotics and Computer-Integrated Manufacturing

Table 295: Articles in Journal Robotics and Computer-Integrated Manufacturing (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Zeballos10 Zeballos10 | L. J. Zeballos | A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems | Yes | [913] | 2010 | Robotics and Computer-Integrated Manufacturing | 19 | 41 42 51 | 16 23 | 1662 | n/a |

## G.98 SN Computer Science

Table 296: Articles in Journal SN Computer Science (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EtminaniesfahaniGNMS22 Etminaniesfahani-haniGNMS22 | A. Etminaniesfahani, H. Gu, L. M. Naeni, A. Salehipour | A Forward–Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem | Yes | [282] | 2022 | SN Computer Science | 10 | 0 1 2 | 57 66 | 1439 | n/a |

## G.99 SSRN Electronic Journal

Table 297: Articles in Journal SSRN Electronic Journal (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| JuvinHL22 JuvinHL22 | C. Juvin, L. Houssin, P. Lopez | Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem | Yes | [457] | 2022 | SSRN Electronic Journal | 32 | 0 0 0 | 29 40 | 1501 | n/a |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |

## G.100 Soft Computing

Table 298: Articles in Journal Soft Computing (Total 5) (Total 5)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AlakaP23 AlakaP23 | H. M. Alakaş, M. Pınarbaşı | Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models | Yes | [22] | 2023 | Soft Computing | 14 | 0 0 0 | 35 42 | 1359 | n/a |
| IsikYA23 IsikYA23 | E. E. Isik, S. T. Yildiz, Özge S. Akpunar | Constraint programming models for the hybrid flow shop scheduling problem and its extensions | Yes | [445] | 2023 | Soft Computing | 28 | 0 2 2 | 127 141 | 1496 | 1696 |
| SubulanC22 SubulanC22 | K. Subulan, G. Çakir | Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem | Yes | [801] | 2022 | Soft Computing | 38 | 5 7 7 | 86 107 | 1629 | n/a |
| Alaka21 Alaka21 | H. M. Alakaş | General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models | Yes | [21] | 2021 | Soft Computing | 11 | 7 9 9 | 20 27 | 1358 | n/a |
| AlakaPY19 AlakaPY19 | H. M. Alakaş, M. Pınarbaşı, M. Yüzükırmızı | Constraint programming model for resource-constrained assembly line balancing problem | Yes | [23] | 2019 | Soft Computing | 9 | 15 17 0 | 14 23 | 1360 | n/a |

## G.101 Software: Practice and Experience

Table 299: Articles in Journal Software: Practice and Experience (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BosiM2001 BosiM2001 | F. Bosi, M. Milano | Enhancing CLP branch and bound techniques for scheduling problems | Yes | [158] | 2001 | Software: Practice and Experience | 26 | 3 3 0 | 12 41 | 1408 | n/a |

## G.102 Sustain. Comput. Informatics Syst.

Table 300: Articles in Journal Sustain. Comput. Informatics Syst. (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BorghesiBLMB18 BorghesiBLMB18 | A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | Scheduling-based power capping in high performance computing systems | Yes | [157] | 2018 | Sustain. Comput. Informatics Syst. | 13 | 11 12 19 | 22 66 | 1407 | n/a |
| GrimesIOS14 GrimesIOS14 | D. Grimes, G. Ifrim, B. O'Sullivan, H. Simonis | Analyzing the impact of electricity price forecasting on energy cost-aware scheduling | Yes | [362] | 2014 | Sustain. Comput. Informatics Syst. | 16 | 6 6 19 | 7 28 | 1462 | n/a |

## G.103 Swarm and Evolutionary Computation

Table 301: Articles in Journal Swarm and Evolutionary Computation (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MengGRZSC22 MengGRZSC22 | L. Meng, K. Gao, Y. Ren, B. Zhang, H. Sang, Z. Chaoyong | Novel MILP and CP models for distributed hybrid flowshop scheduling problem with sequence-dependent setup times | Yes | [597] | 2022 | Swarm and Evolutionary Computation | 13 | 38 56 62 | 37 42 | 1547 | n/a |

## G.104 The Journal of Logic Programming

Table 302: Articles in Journal The Journal of Logic Programming (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DincbasSH90 DincbasSH90 | M. Dincbas, H. Simonis, P. V. Hentenryck | Solving Large Combinatorial Problems in Logic Programming | Yes | [252] | 1990 | The Journal of Logic Programming | 19 | 86 85 99 | 9 28 | 1431 | n/a |

## G.105 The Knowledge Engineering Review

Table 303: Articles in Journal The Knowledge Engineering Review (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CireCH16 CireCH16 | A. A. Ciré, E. Coban, J. N. Hooker | Logic-based Benders decomposition for planning and scheduling: a computational analysis | Yes | [210] | 2016 | The Knowledge Engineering Review | 12 | 15 17 13 | 21 30 | 1421 | n/a |
| HookerOTK00 HookerOTK00 | J. N. Hooker, G. Ottosson, E. S. Thorsteinsson, H.-J. Kim | A scheme for unifying optimization and constraint satisfaction methods | Yes | [435] | 2000 | The Knowledge Engineering Review | 20 | 30 30 44 | 0 0 | 1493 | n/a |

## G.106 Transportation Research Part B: Methodological

Table 304: Articles in Journal Transportation Research Part B: Methodological (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rodriguez07 Rodriguez07 | J. Rodriguez | A constraint programming model for real-time train scheduling at junctions | Yes | [737] | 2007 | Transportation Research Part B: Methodological | 15 | 117 121 141 | 6 14 | 1603 | n/a |

## G.107 Transportation Research Part C: Emerging Technologies

Table 305: Articles in Journal Transportation Research Part C: Emerging Technologies (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Ham18 Ham18 | A. M. Ham | Integrated scheduling of m-truck, m-drone, and m-depot constrained by time-window, drop-pickup, and m-visit using constraint programming | Yes | [383] | 2018 | Transportation Research Part C: Emerging Technologies | 14 | 164 192 197 | 14 30 | 1469 | n/a |

## G.108 Transportation Research Part E: Logistics and Transportation Review

Table 306: Articles in Journal Transportation Research Part E: Logistics and Transportation Review (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| UnsalO19 UnsalO19 | O. Unsal, C. Oguz | An exact algorithm for integrated planning of operations in dry bulk terminals | Yes | [851] | 2019 | Transportation Research Part E: Logistics and Transportation Review | 19 | 44 52 54 | 27 34 | 1646 | n/a |
| QinDS16 QinDS16 | T. Qin, Y. Du, M. Sha | Evaluating the solution performance of IP and CP for berth allocation with time-varying water depth | Yes | [718] | 2016 | Transportation Research Part E: Logistics and Transportation Review | 19 | 17 18 21 | 40 49 | 1597 | n/a |
| UnsalO13 UnsalO13 | O. Unsal, C. Oguz | Constraint programming approach to quay crane scheduling problem | Yes | [850] | 2013 | Transportation Research Part E: Logistics and Transportation Review | 15 | 44 45 54 | 25 34 | 1645 | n/a |

## G.109 Transportation Science

Table 307: Articles in Journal Transportation Science (Total 2) (Total 2)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BalochG20 BalochG20 | G. Baloch, F. Gzara | Strategic Network Design for Parcel Delivery with Drones Under Competition | No | [61] | 2020 | Transportation Science | 25 | 25 32 33 | 46 52 | No | n/a |
| HechingHK19 HechingHK19 | A. Heching, J. N. Hooker, R. Kimura | A Logic-Based Benders Approach to Home Healthcare Delivery | No | [399] | 2019 | Transportation Science | 13 | 35 42 37 | 29 32 | No | n/a |

## G.110 Vietnam. J. Comput. Sci.

Table 308: Articles in Journal Vietnam. J. Comput. Sci. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WikarekS19 WikarekS19 | J. Wikarek, P. Sitek | A Constraint-Based Declarative Programming Framework for Scheduling and Resource Allocation Problems | Yes | [888] | 2019 | Vietnam. J. Comput. Sci. | 22 | 0 0 0 | 11 16 | 1654 | n/a |

## G.111 ACM Trans. Embed. Comput. Syst.

Table 309: Articles in Journal ACM Trans. Embed. Comput. Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BegB13 BegB13 | M. O. Beg, P. van Beek | A constraint programming approach for integrated spatial and temporal scheduling for clustered architectures | Yes | [104] | 2013 | ACM Trans. Embed. Comput. Syst. | 23 | 1 1 1 | 28 46 | 1391 | n/a |

## G.112 ACM Trans. Intell. Syst. Technol.

Table 310: Articles in Journal ACM Trans. Intell. Syst. Technol. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ReddyFIBKAJ11 ReddyFIBKAJ11 | S. Y. Reddy, J. Frank, M. Iatauro, M. E. Boyce, E. Kürklü, M. Ai-Chang, A. K. Jónsson | Planning solar array operations on the international space station | Yes | [726] | 2011 | ACM Trans. Intell. Syst. Technol. | 24 | 3 3 11 | 8 22 | 1600 | n/a |

## G.113 AI Commun.

Table 311: Articles in Journal AI Commun. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BadicaBI20 BadicaBI20 | A. Badica, C. Badica, M. Ivanovic | Block structured scheduling using constraint logic programming | Yes | [55] | 2020 | AI Commun. | 17 | 2 4 4 | 28 31 | 1371 | n/a |

## G.114 AI Mag.

Table 312: Articles in Journal AI Mag. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BeckF98 BeckF98 | J. C. Beck, M. S. Fox | A Generic Framework for Constraint-Directed Search and Scheduling | Yes | [94] | 1998 | AI Mag. | 30 | 0 0 0 | 0 0 | 1386 | n/a |

## G.115 EURO J. Comput. Optim.

Table 313: Articles in Journal EURO J. Comput. Optim. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MontemanniD23a MontemanniD23a | R. Montemanni, M. Dell'Amico | Constraint programming models for the parallel drone scheduling vehicle routing problem | Yes | [616] | 2023 | EURO J. Comput. Optim. | 20 | 0 1 1 | 14 19 | 1557 | 1699 |

## G.116 IBM J. Res. Dev.

Table 314: Articles in Journal IBM J. Res. Dev. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OkanoDTRYA04 OkanoDTRYA04 | H. Okano, A. J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano | Finishing Line Scheduling in the steel industry | No | [667] | 2004 | IBM J. Res. Dev. | 20 | 19 20 26 | 0 0 | No | n/a |

## G.117 IEEE Access

Table 315: Articles in Journal IEEE Access (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AkramNHRSA23 AkramNHRSA23 | B. O. Akram, N. K. Noordin, F. Hashim, M. F. A. Rasid, M. I. Salman, A. M. Abdulghani | Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming | Yes | [19] | 2023 | IEEE Access | 16 | 0 0 0 | 0 37 | 1357 | 1690 |

Table 315: Articles in Journal IEEE Access (Total 3) (Total 3)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| YuraszeckMCCR23<br>YuraszeckMCCR23 | F. Yuraszeck, E. Montero, D. Canut-de-Bon, N. Cuneo, M. Rojel | A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem | Yes | [908] | 2023 | IEEE Access | 11 | 0 0 0 | 0 29 | 1658 | 1704 |
| AbohashimaEG21<br>AbohashimaEG21 | H. Abohashima, A. B. Eltawil, M. S. Gheith | A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints | Yes | [4] | 2021 | IEEE Access | 14 | 1 3 3 | 25 27 | 1349 | 1717 |

## G.118 IEEE Intell. Syst.

Table 316: Articles in Journal IEEE Intell. Syst. (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SimonisCK00<br>SimonisCK00 | H. Simonis, P. Charlier, P. Kay | Constraint Handling in an Integrated Transportation Problem | Yes | [792] | 2000 | IEEE Intell. Syst. | 7 | 11 11 6 | 5 14 | 1626 | n/a |

## G.119 IEEE Trans Autom. Sci. Eng.

Table 317: Articles in Journal IEEE Trans Autom. Sci. Eng. (Total 1) (Total 1)

| Key<br>Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference<br>/Journal<br>/School | Pages | Cites<br>OC XR<br>SC | Refs<br>OC<br>XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QinWSLS21<br>QinWSLS21 | M. Qin, R. Wang, Z. Shi, L. Liu, L. Shi | A Genetic Programming-Based Scheduling Approach for Hybrid Flow Shop With a Batch Processor and Waiting Time Constraint | Yes | [716] | 2021 | IEEE Trans Autom. Sci. Eng. | 12 | 12 19 0 | 30 30 | 1598 | n/a |

## G.120 IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.

Table 318: Articles in Journal IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RuggieroBBMA09 RuggieroBBMA09 | M. Ruggiero, D. Bertozzi, L. Benini, M. Milano, A. Andrei | Reducing the Abstraction and Optimality Gaps in the Allocation and Scheduling for Variable Voltage/Frequency MPSoC Platforms | Yes | [748] | 2009 | IEEE Trans. Comput. Aided Des. Integr. Circuits Syst. | 14 | 9 9 7 | 27 37 | 1609 | n/a |

## G.121 IEEE Trans. Engineering Management

Table 319: Articles in Journal IEEE Trans. Engineering Management (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZhangW18 ZhangW18 | S. Zhang, S. Wang | Flexible Assembly Job-Shop Scheduling With Sequence-Dependent Setup Times and Part Sharing in a Dynamic Environment: Constraint Programming Model, Mixed-Integer Programming Model, and Dispatching Rules | Yes | [923] | 2018 | IEEE Trans. Engineering Management | 18 | 49 56 60 | 28 32 | 1667 | n/a |

## G.122 IEEE Trans. Parallel Distributed Syst.

Table 320: Articles in Journal IEEE Trans. Parallel Distributed Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BridiBLMB16 BridiBLMB16 | T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini | A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines | Yes | [166] | 2016 | IEEE Trans. Parallel Distributed Syst. | 14 | 17 18 21 | 22 34 | 1410 | n/a |

## G.123 IEEE Trans. Syst. Man Cybern. Syst.

Table 321: Articles in Journal IEEE Trans. Syst. Man Cybern. Syst. (Total 1) (Total 1)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ShinBBHO18 ShinBBHO18 | S. Y. Shin, Y. Brun, H. Balasubramanian, P. L. Henneman, L. J. Osterweil | Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling | Yes | [782] | 2018 | IEEE Trans. Syst. Man Cybern. Syst. | 16 | 9 9 12 | 31 39 | 1622 | 1743 |

## G.124 OR Spectrum

Table 322: Articles in Journal OR Spectrum (Total 3) (Total 3)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| SchnellH15 SchnellH15 | A. Schnell, R. F. Hartl | On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations | Yes | [763] | 2015 | OR Spectrum | 21 | 24 27 31 | 20 30 | 1617 | 1750 |
| Timpe02 Timpe02 | C. Timpe | Solving planning and scheduling problems with combined integer and constraint programming | Yes | [829] | 2002 | OR Spectrum | 18 | 42 42 54 | 0 0 | 1637 | n/a |

# H Background Works

Table 323: Background Works (Total 42)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Petropoulos23 Petropoulos23 | F. Petropoulos, G. Laporte, E. Aktas, S. A. Alumur, C. Archetti, H. Ayhan, M. Battarra, J. A. Bennell, J.-M. Bourjolly, J. E. Boylan, M. Breton, D. Canca, L. Charlin, B. Chen, C. T. Cicek, L. A. Cox, C. S. Currie, E. Demeulemeester, L. Ding, S. M. Disney, M. Ehrgott, M. J. Eppler, G. Erdoğan, B. Fortz, L. A. Franco, J. Frische, S. Greco, A. J. Gregory, R. P. Hämäläinen, W. Herroelen, M. Hewitt, J. Holmström, J. N. Hooker, T. Işık, J. Johnes, B. Y. Kara, Özlem Karsu, K. Kent, C. Köhler, M. Kunc, Y.-H. Kuo, A. N. Letchford, J. Leung, D. Li, H. Li, J. Lienert, I. Ljubić, A. Lodi, S. Lozano, V. Lurkin, S. Martello, I. G. McHale, G. Midgley, J. D. Morecroft, A. Mutha, C. Oğuz, S. Petrovic, U. Pferschy, H. N. Psaraftis, S. Rose, L. Saarinen, S. Salhi, J.-S. Song, D. Sotiros, K. E. Stecke, A. K. Strauss, İstenç Tarhan, C. Thielen, P. Toth, T. V. Woensel, G. V. Berghe, C. Vasilakis, V. Vaze, D. Vigo, K. Virtanen, X. Wang, R. Weron, L. White, M. Yearworth, E. A. Yıldırım, G. Zaccour, X. Zhao | Operational Research: methods and applications | Yes | [697] | 2023 | Journal of the Operational Research Society | 195 | 0 1 0 | 0 2194 | No | n/a |
| HartmannB22 HartmannB22 | S. Hartmann, D. Briskorn | An updated survey of variants and extensions of the resource-constrained project scheduling problem | Yes | [392] | 2022 | European Journal of Operational Research | 14 | 55 88 102 | 196 231 | No | n/a |
| LamGSHD20 LamGSHD20 | E. Lam, G. Gange, P. J. Stuckey, P. V. Hentenryck, J. J. Dekker | Nutmeg: a MIP and CP Hybrid Solver Using Branch-and-Check | Yes | [517] | 2020 | SN Operations Research Forum | 27 | 7 8 9 | 28 44 | No | n/a |
| RahmanianiCGR17 RahmanianiCGR17 | R. Rahmaniani, T. G. Crainic, M. Gendreau, W. Rei | The Benders decomposition algorithm: A literature review | Yes | [722] | 2017 | European Journal of Operational Research | 17 | 386 444 454 | 113 157 | No | n/a |
| HartmannB10 HartmannB10 | S. Hartmann, D. Briskorn | A survey of variants and extensions of the resource-constrained project scheduling problem | Yes | [391] | 2010 | European Journal of Operational Research | 14 | 577 598 732 | 177 198 | No | n/a |
| YunesAH10 YunesAH10 | T. Yunes, I. D. Aron, J. N. Hooker | An Integrated Solver for Optimization Problems | Yes | [904] | 2010 | Operations Research | 15 | 25 26 31 | 38 59 | No | n/a |
| Achterberg09 Achterberg09 | T. Achterberg | SCIP: solving constraint integer programs | Yes | [7] | 2009 | Mathematical Programming Computation | 41 | 706 730 789 | 54 102 | No | n/a |
| FeydyS09 FeydyS09 | T. Feydy, P. J. Stuckey | Lazy Clause Generation Reengineered | Yes | [299] | 2009 | CP 2009 | 15 | 52 51 67 | 11 14 | No | n/a |
| NethercoteSBBDT07 NethercoteSBBDT07 | N. Nethercote, P. J. Stuckey, R. Becket, S. Brand, G. J. Duck, G. Tack | MiniZinc: Towards a Standard CP Modelling Language | Yes | [646] | 2007 | CP 2007 | 15 | 344 353 585 | 5 14 | No | n/a |

Table 323: Background Works (Total 42)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KolischH06 KolischH06 | R. Kolisch, S. Hartmann | Experimental investigation of heuristics for resource-constrained project scheduling: An update | Yes | [484] | 2006 | European Journal of Operational Research | 15 | 503 521 622 | 62 82 | No | n/a |
| BockmayrH05 BockmayrH05 | A. Bockmayr, J. N. Hooker | Constraint Programming | Yes | [138] | 2005 | Handbooks in Operations Research and Management Science | 42 | 12 12 26 | 52 154 | No | n/a |
| AronHY2004 AronHY2004 | I. Aron, J. N. Hooker, T. H. Yunes | SIMPL: A System for Integrating Optimization Techniques | Yes | [40] | 2004 | CPAIOR 2004 | 16 | 16 17 21 | 23 38 | No | n/a |
| Apt03 Apt03 | K. Apt | Principles of Constraint Programming | No | [34] | 2003 | Book | null | 381 374 0 | 0 0 | No | n/a |
| Hentenryck02 Hentenryck02 | P. V. Hentenryck | Constraint and Integer Programming in OPL | No | [410] | 2002 | INFORMS Journal on Computing | 28 | 48 50 0 | 37 71 | No | n/a |
| LustigP01 LustigP01 | I. J. Lustig, J.-F. Puget | Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming | No | [571] | 2001 | Interfaces | 25 | 84 86 110 | 10 37 | No | n/a |
| BrailsfordPS99 BrailsfordPS99 | S. C. Brailsford, C. N. Potts, B. M. Smith | Constraint satisfaction problems: Algorithms and applications | Yes | [163] | 1999 | European Journal of Operational Research | 25 | 219 230 290 | 30 48 | No | n/a |
| BruckerDMNP99 BruckerDMNP99 | P. Brucker, A. Drexl, R. Möhring, K. Neumann, E. Pesch | Resource-constrained project scheduling: Notation, classification, models, and methods | Yes | [168] | 1999 | European Journal of Operational Research | 39 | 990 1018 1199 | 137 203 | No | n/a |
| FocacciLM99 FocacciLM99 | F. Focacci, A. Lodi, M. Milano | Cost-Based Domain Filtering | Yes | [301] | 1999 | CP 1999 | 15 | 68 69 101 | 9 22 | No | n/a |
| HerroelenRD98 HerroelenRD98 | W. Herroelen, B. D. Reyck, E. Demeulemeester | Resource-constrained project scheduling: A survey of recent developments | Yes | [416] | 1998 | Computers Operations Research | 24 | 375 380 442 | 63 118 | No | n/a |
| MarriottS98 MarriottS98 | K. Marriott, P. J. Stuckey | Programming with Constraints: An Introduction | No | [588] | 1998 | Book | null | 410 423 0 | 0 0 | No | n/a |
| Shaw98 Shaw98 | P. Shaw | Using Constraint Programming and Local Search Methods to Solve Vehicle Routing Problems | Yes | [780] | 1998 | CP 1998 | 15 | 630 648 1094 | 11 23 | No | n/a |
| KolischS97 KolischS97 | R. Kolisch, A. Sprecher | PSPLIB - A project scheduling problem library | Yes | [485] | 1997 | European Journal of Operational Research | 12 | 840 875 1056 | 18 36 | No | n/a |
| CarlierP94 CarlierP94 | J. Carlier, E. Pinson | Adjustment of heads and tails for the job-shop problem | Yes | [186] | 1994 | European Journal of Operational Research | 16 | 151 152 176 | 10 21 | No | n/a |
| JaffarM94 JaffarM94 | J. Jaffar, M. J. Maher | Constraint logic programming: a survey | Yes | [446] | 1994 | The Journal of Logic Programming | 79 | 752 759 912 | 78 268 | No | n/a |
| LubySZ93 LubySZ93 | M. Luby, A. Sinclair, D. Zuckerman | Optimal speedup of Las Vegas algorithms | No | [565] | 1993 | Information Processing Letters | 8 | 247 255 350 | 0 2 | No | n/a |
| Taillard93 Taillard93 | E. Taillard | Benchmarks for basic scheduling problems | Yes | [809] | 1993 | European Journal of Operational Research | 8 | 1568 1631 1971 | 6 14 | No | n/a |
| ApplegateC91 ApplegateC91 | D. Applegate, W. Cook | A Computational Study of the Job-Shop Scheduling Problem | Yes | [33] | 1991 | ORSA Journal on Computing | 8 | 536 553 674 | 0 0 | No | n/a |
| DechterMP91 DechterMP91 | R. Dechter, I. Meiri, J. Pearl | Temporal constraint networks | Yes | [237] | 1991 | Artificial Intelligence | 35 | 879 890 1427 | 28 50 | No | n/a |
| CarlierP90 CarlierP90 | J. Carlier, E. Pinson | A practical use of Jackson's preemptive schedule for solving the job shop problem | Yes | [185] | 1990 | Annals of Operations Research | 19 | 112 114 0 | 11 18 | No | n/a |
| CarlierP89 CarlierP89 | J. Carlier, E. Pinson | An Algorithm for Solving the Job-Shop Problem | Yes | [184] | 1989 | Management Science | 13 | 516 524 0 | 0 0 | No | n/a |

Table 323: Background Works (Total 42)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AdamsBZ88 AdamsBZ88 | J. Adams, E. Balas, D. Zawack | The Shifting Bottleneck Procedure for Job Shop Scheduling | Yes | [10] | 1988 | Management Science | 11 | 1054 1071 1221 | 0 0 | No | n/a |
| BartuschMR88 BartuschMR88 | M. Bartusch, R. H. Möhring, F. J. Radermacher | Scheduling project networks with resource constraints and time windows | Yes | [82] | 1988 | Annals of Operations Research | 42 | 220 223 272 | 8 31 | No | n/a |
| DincbasHSAGB88 DincbasHSAGB88 | M. Dincbas, P. V. Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier | The Constraint Logic Programming Language CHIP | Yes | [250] | 1988 | FGCS 1988 | 10 | 0 0 0 | 0 0 | No | n/a |
| BlazewiczLK83 BlazewiczLK83 | J. Blazewicz, J. K. Lenstra, A. H. G. Rinnooy Kan | Scheduling subject to resource constraints: classification and complexity | Yes | [134] | 1983 | Discrete Applied Mathematics | 14 | 947 991 1152 | 6 13 | No | n/a |
| Carlier82 Carlier82 | J. Carlier | The one-machine sequencing problem | No | [183] | 1982 | European Journal of Operational Research | 6 | 360 365 370 | 4 9 | No | n/a |
| GrahamLLK79 GrahamLLK79 | R. L. Graham, E. L. Lawler, J. K. Lenstra, A. H. G. Rinnooy Kan | Optimization and Approximation in Deterministic Sequencing and Scheduling: a Survey | No | [357] | 1979 | Annals of Discrete Mathematics | 40 | 3894 3967 4620 | 93 153 | No | n/a |
| Lauriere78 Lauriere78 | J.-L. Lauriere | A language and a program for stating and solving combinatorial problems | No | [521] | 1978 | Artificial Intelligence | 99 | 149 149 164 | 14 46 | No | n/a |
| Mackworth77 Mackworth77 | A. K. Mackworth | Consistency in networks of relations | No | [572] | 1977 | Artificial Intelligence | 20 | 1384 1392 1661 | 0 0 | No | n/a |
| GareyJS76 GareyJS76 | M. R. Garey, D. S. Johnson, R. Sethi | The Complexity of Flowshop and Jobshop Scheduling | No | [318] | 1976 | Mathematics of Operations Research | 13 | 1805 1877 2261 | 0 0 | No | n/a |
| Geoffrion72 Geoffrion72 | A. M. Geoffrion | Generalized Benders decomposition | Yes | [334] | 1972 | Journal of Optimization Theory and Applications | 24 | 1659 1736 1765 | 7 11 | No | n/a |
| PritskerWW69 PritskerWW69 | A. A. B. Pritsker, L. J. Waiters, P. M. Wolfe | Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach | No | [711] | 1969 | Management Science | 16 | 504 518 0 | 0 0 | No | n/a |
| Benders62 Benders62 | J. F. Benders | Partitioning procedures for solving mixed-variables programming problems | Yes | [115] | 1962 | Numerische Mathematik | 15 | 2583 2675 2689 | 6 14 | No | n/a |

# I Most Similar Works

The following table shows the most similar works for each work. The first line shows the five works most similar by references and citations, the second line shows the similarity by Euclidean distance of the feature vectors. The next two entries are based on the dot product similarity, resp. the cosine similarity. Note that the first two entries will have low values for similar items, as they are based on distance. The last two entries use high values for similar items, as they use a similarity value, not a distance.

Fewer than five entries are shown if no similar entries are found. Colour coding is based on percentiles (80, 90, 95, 98, 99, 99.5 percentiles for similarity, 20, 10, 5, 2, 1, 0.5 percentiles for distance) of all similarity values found.

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| AalianPG23 R&C | | | | | |
| Euclid | AstrandJZ18 (0.28) | PerezGSL23 (0.28) | abs-2312-13682 (0.28) | BenderWS21 (0.30) | BockmayrP06 (0.30) |
| Dot | Dejemeppe16 (113.00) | LaborieRSV18 (112.00) | Groleaz21 (110.00) | AwadMDMT22 (107.00) | Astrand21 (106.00) |
| Cosine | AstrandJZ18 (0.74) | PerezGSL23 (0.74) | abs-2312-13682 (0.74) | BridiBLMB16 (0.71) | BenderWS21 (0.70) |
| AbdennadherS99 R&C | | | | | |
| Euclid | FalaschiGMP97 (0.24) | Touraivane95 (0.24) | FeldmanG89 (0.25) | SmithBHW96 (0.26) | JelinekB16 (0.27) |
| Dot | Wallace96 (66.00) | ZarandiASC20 (63.00) | LammaMM97 (60.00) | Simonis07 (59.00) | Baptiste02 (59.00) |
| Cosine | FalaschiGMP97 (0.68) | Touraivane95 (0.66) | Bartak02 (0.65) | LammaMM97 (0.64) | WeilHFP95 (0.62) |
| AbidinK20 R&C | KizilayC20 (0.82) | PinarbasiA20 (0.87) | Pinarbasi21 (0.91) | Alaka21 (0.92) | OzturkTHO13 (0.92) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| AbohashimaEG21 R&C | | | | | |
| Euclid | LiuJ06 (0.25) | Hunsberger08 (0.27) | Baptiste09 (0.27) | CarchraeBF05 (0.27) | KovacsEKV05 (0.28) |
| Dot | Lunardi20 (77.00) | ZarandiASC20 (73.00) | Groleaz21 (72.00) | IsikYA23 (65.00) | Froger16 (62.00) |
| Cosine | LiuJ06 (0.54) | TranAB16 (0.54) | ParkUJR19 (0.54) | GroleazNS20a (0.53) | Alaka21 (0.53) |
| AbreuAPNM21 R&C | AbreuN22 (0.75) | MejiaY20 (0.77) | AbreuNP23 (0.82) | MalapertCGJLR12 (0.83) | AbreuPNF23 (0.83) |
| Euclid | AbreuN22 (0.26) | AbreuPNF23 (0.29) | AbreuNP23 (0.29) | MejiaY20 (0.34) | BillautHL12 (0.38) |
| Dot | ZarandiASC20 (208.00) | Groleaz21 (194.00) | AbreuN22 (192.00) | AbreuPNF23 (185.00) | AbreuNP23 (184.00) |
| Cosine | AbreuN22 (0.89) | AbreuPNF23 (0.87) | AbreuNP23 (0.87) | MejiaY20 (0.80) | YuraszeckMPV22 (0.75) |
| AbreuN22 R&C | AbreuNP23 (0.73) | AbreuAPNM21 (0.75) | MejiaY20 (0.79) | AbreuPNF23 (0.79) | KelbelH11 (0.85) |
| Euclid | AbreuAPNM21 (0.26) | AbreuPNF23 (0.29) | AbreuNP23 (0.30) | MejiaY20 (0.38) | GedikKEK18 (0.41) |
| Dot | ZarandiASC20 (229.00) | Groleaz21 (214.00) | AbreuPNF23 (205.00) | AbreuNP23 (202.00) | Lunardi20 (200.00) |
| Cosine | AbreuAPNM21 (0.89) | AbreuPNF23 (0.87) | AbreuNP23 (0.86) | MejiaY20 (0.78) | MengZRZL20 (0.75) |
| AbreuNP23 R&C | AbreuN22 (0.73) | AwadMDMT22 (0.75) | AbreuPNF23 (0.78) | AbreuAPNM21 (0.82) | HeinzNVH22 (0.83) |
| Euclid | AbreuAPNM21 (0.29) | AbreuN22 (0.30) | AbreuPNF23 (0.33) | MejiaY20 (0.38) | MengZRZL20 (0.40) |
| Dot | ZarandiASC20 (202.00) | AbreuN22 (202.00) | AbreuPNF23 (195.00) | Groleaz21 (193.00) | MengZRZL20 (187.00) |
| Cosine | AbreuAPNM21 (0.87) | AbreuN22 (0.86) | AbreuPNF23 (0.84) | MejiaY20 (0.78) | MengZRZL20 (0.78) |
| AbreuPNF23 R&C | AbreuNP23 (0.78) | AbreuN22 (0.79) | AbreuAPNM21 (0.83) | MejiaY20 (0.92) | YuraszeckMPV22 (0.95) |
| Euclid | AbreuAPNM21 (0.29) | AbreuN22 (0.29) | AbreuNP23 (0.33) | MejiaY20 (0.38) | OujanaAYB22 (0.40) |
| Dot | ZarandiASC20 (231.00) | Groleaz21 (214.00) | AbreuN22 (205.00) | Lunardi20 (198.00) | PrataAN23 (196.00) |
| Cosine | AbreuN22 (0.87) | AbreuAPNM21 (0.87) | AbreuNP23 (0.84) | MejiaY20 (0.78) | PrataAN23 (0.77) |
| AbrilSB05 R&C | | | | | |
| Euclid | Baptiste09 (0.12) | FrostD98 (0.13) | CarchraeBF05 (0.14) | MaraveliasG04 (0.14) | FeldmanG89 (0.14) |
| Dot | ZarandiASC20 (23.00) | Lemos21 (21.00) | LammaMM97 (20.00) | BartakSR10 (20.00) | Beck99 (19.00) |
| Cosine | FeldmanG89 (0.72) | BocewiczBB09 (0.60) | BartakS11 (0.59) | GelainPRVW17 (0.57) | WolinskiKG04 (0.57) |
| AchterbergBKW08 R&C | MilanoW09 (0.81) | Hooker05b (0.87) | JainG01 (0.88) | AggounMV08 (0.90) | Hooker06a (0.92) |
| Euclid | Davis87 (0.26) | ZibranR11 (0.27) | BofillGSV15 (0.27) | CireCH13 (0.28) | Hooker05b (0.28) |
| Dot | Malapert11 (62.00) | MilanoW09 (61.00) | Groleaz21 (59.00) | ColT22 (58.00) | HookerH17 (58.00) |
| Cosine | CireCH13 (0.63) | Thorsteinsson01 (0.62) | NishikawaSTT18 (0.57) | HarjunkoskiJG00 (0.57) | BukchinR18 (0.57) |
| Acuna-AgostMFG09 R&C | MarliereSPR23 (0.99) | Rodriguez07 (0.99) | | | |
| Euclid | Baptiste09 (0.16) | AbrilSB05 (0.18) | CarchraeBF05 (0.19) | Caballero23 (0.20) | FrostD98 (0.20) |
| Dot | Lemos21 (40.00) | MarliereSPR23 (39.00) | CappartS17 (36.00) | ZarandiASC20 (35.00) | PourDERB18 (33.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | RodriguezDG02 (0.65) | Baptiste09 (0.65) | MartinPY01 (0.62) | CappartS17 (0.61) | BarzegaranZP20 (0.59) |
| Adelgren2023 R&C | AwadMDMT22 (0.94) | RoePS05 (0.95) | MaraveliasCG04 (0.96) | SadykovW06 (0.96) | Beck10 (0.96) |
| Euclid | FontaineMH16 (0.33) | BenediktSMVH18 (0.34) | Jans09 (0.35) | CatusseCBL16 (0.35) | NishikawaSTT19 (0.35) |
| Dot | Groleaz21 (148.00) | ZarandiASC20 (138.00) | Astrand21 (129.00) | Baptiste02 (129.00) | NaderiRR23 (127.00) |
| Cosine | HeinzNVH22 (0.70) | FontaineMH16 (0.70) | Ham18a (0.70) | RoshanaeiLAU17 (0.69) | HamFC17 (0.67) |
| AfsarVPG23 R&C | ColT19 (0.92) | ColT2019a (0.93) | ColT22 (0.95) | Fatemi-AnarakiTFV23 (0.95) | KuB16 (0.96) |
| Euclid | ZhangYW21 (0.36) | Beck07 (0.36) | LiFJZLL22 (0.37) | KhayatLR06 (0.37) | BeckPS03 (0.38) |
| Dot | Lunardi20 (193.00) | ZarandiASC20 (189.00) | Groleaz21 (178.00) | Astrand21 (175.00) | Dejemeppe16 (165.00) |
| Cosine | ZhangYW21 (0.74) | Beck07 (0.74) | Lunardi20 (0.73) | LiFJZLL22 (0.72) | CzerniachowskaWZ23 (0.72) |
| AggounB93 R&C | BeldiceanuC94 (0.87) | PoderBS04 (0.89) | DincbasSH90 (0.92) | BeldiceanuCP08 (0.92) | Vilim11 (0.93) |
| Euclid | Goltz95 (0.31) | DincbasSH90 (0.33) | BeldiceanuCP08 (0.37) | Zhou96 (0.37) | Rit86 (0.38) |
| Dot | Malapert11 (133.00) | Baptiste02 (132.00) | Dejemeppe16 (122.00) | Beck99 (120.00) | LaborieRSV18 (118.00) |
| Cosine | Goltz95 (0.77) | DincbasSH90 (0.74) | RoePS05 (0.68) | Zhou96 (0.66) | BeldiceanuCP08 (0.65) |
| AggounMV08 R&C | CobanH11 (0.86) | Hooker05b (0.89) | Thorsteinsson01 (0.89) | LiW08 (0.89) | GongLMW09 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| AggounV04 R&C | Simonis95 (0.71) | Geske05 (0.75) | SimonisCK00 (0.78) | SimonisC95 (0.83) | BeldiceanuCDP11 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| AgussurjaKL18 R&C | HamdiL13 (0.83) | CireCH13 (0.86) | TerekhovDOB12 (0.92) | GuoHLW20 (0.92) | CobanH10 (0.92) |
| Euclid | BhatnagarKL19 (0.20) | LombardiM13 (0.27) | BonfiettiM12 (0.28) | Caballero23 (0.29) | BofillCSV17a (0.29) |
| Dot | Lombardi10 (96.00) | LombardiM12 (94.00) | ZarandiASC20 (92.00) | LaborieRSV18 (82.00) | LiW08 (80.00) |
| Cosine | BhatnagarKL19 (0.83) | TranVNB17 (0.68) | BofillCSV17a (0.68) | CampeauG22 (0.67) | KusterJF07 (0.66) |
| AjiliW04 R&C | Wallace06 (0.85) | BockmayrP06 (0.87) | DannaP04 (0.88) | Refalo00 (0.89) | MilanoORT02 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| AkkerDH07 R&C | LombardiM10 (0.89) | LiW08 (0.90) | Davenport10 (0.90) | OddiPCC05 (0.90) | BaptisteB18 (0.90) |
| Euclid | Limtanyakul07 (0.31) | Sadykov04 (0.31) | BenediktSMVH18 (0.32) | SadykovW06 (0.33) | HeipckeCCS00 (0.33) |
| Dot | Groleaz21 (138.00) | ZarandiASC20 (133.00) | Baptiste02 (133.00) | Dejemeppe16 (118.00) | Godet21a (115.00) |
| Cosine | Limtanyakul07 (0.71) | Sadykov04 (0.71) | HanenKP21 (0.69) | HeipckeCCS00 (0.69) | SadykovW06 (0.69) |
| AkramNHRSA23 R&C | | | | | |
| Euclid | GomesHS06 (0.23) | SunLYL10 (0.24) | QuSN06 (0.24) | BockmayrP06 (0.24) | JungblutK22 (0.25) |
| Dot | Groleaz21 (83.00) | ZarandiASC20 (80.00) | Dejemeppe16 (75.00) | Astrand21 (73.00) | Lombardi10 (73.00) |
| Cosine | BockmayrP06 (0.71) | AlakaPY19 (0.69) | GomesHS06 (0.69) | Alaka21 (0.69) | BukchinR18 (0.68) |
| Alaka21 R&C | AlakaPY19 (0.41) | AlakaP23 (0.69) | PinarbasiA20 (0.74) | Pinarbasi21 (0.75) | PinarbasiAY19 (0.83) |
| Euclid | AlakaPY19 (0.10) | AlakaP23 (0.15) | VanczaM01 (0.20) | LozanoCDS12 (0.25) | MakMS10 (0.27) |
| Dot | Astrand21 (98.00) | ZarandiASC20 (97.00) | Lunardi20 (94.00) | Groleaz21 (94.00) | Dejemeppe16 (91.00) |
| Cosine | AlakaPY19 (0.96) | AlakaP23 (0.91) | VanczaM01 (0.84) | LozanoCDS12 (0.74) | MakMS10 (0.71) |
| AlakaP23 R&C | Alaka21 (0.69) | AlakaPY19 (0.76) | Pinarbasi21 (0.85) | PinarbasiA20 (0.87) | CilKLO22 (0.91) |
| Euclid | AlakaPY19 (0.15) | Alaka21 (0.15) | VanczaM01 (0.25) | NishikawaSTT18a (0.26) | NishikawaSTT18 (0.27) |
| Dot | Astrand21 (107.00) | ZarandiASC20 (106.00) | Lunardi20 (103.00) | Groleaz21 (100.00) | Edis21 (98.00) |
| Cosine | AlakaPY19 (0.92) | Alaka21 (0.91) | VanczaM01 (0.77) | NishikawaSTT18a (0.75) | Edis21 (0.74) |
| AlakaPY19 R&C | Alaka21 (0.41) | PinarbasiAY19 (0.62) | PinarbasiA20 (0.71) | AlakaP23 (0.76) | KizilayC20 (0.83) |
| Euclid | Alaka21 (0.10) | AlakaP23 (0.15) | VanczaM01 (0.22) | LozanoCDS12 (0.23) | QuSN06 (0.23) |
| Dot | Astrand21 (86.00) | Groleaz21 (85.00) | Lunardi20 (83.00) | ZarandiASC20 (82.00) | Lombardi10 (80.00) |
| Cosine | Alaka21 (0.96) | AlakaP23 (0.92) | VanczaM01 (0.79) | LozanoCDS12 (0.75) | NishikawaSTT18a (0.74) |
| AlesioBNG15 R&C | AlesioNBG14 (0.62) | GrimesH15 (0.96) | CambazardHDJT04 (0.96) | GilesH16 (0.96) | DejemeppeD14 (0.97) |
| Euclid | AlesioNBG14 (0.25) | CambazardHDJT04 (0.32) | AkramNHRSA23 (0.33) | NishikawaSTT19 (0.34) | ZibranR11a (0.34) |
| Dot | ZarandiASC20 (131.00) | Groleaz21 (127.00) | Lombardi10 (117.00) | Dejemeppe16 (116.00) | Astrand21 (112.00) |
| Cosine | AlesioNBG14 (0.83) | CambazardHDJT04 (0.71) | HladikCDJ08 (0.67) | NishikawaSTT19 (0.66) | AkramNHRSA23 (0.66) |
| AlesioNBG14 R&C | AlesioBNG15 (0.62) | CambazardHDJT04 (0.91) | GilesH16 (0.92) | MalapertCGJLR12 (0.92) | HladikCDJ08 (0.93) |
| Euclid | AlesioBNG15 (0.25) | Caseau97 (0.31) | CambazardHDJT04 (0.32) | WolfS05 (0.32) | SimoninAHL12 (0.32) |
| Dot | Dejemeppe16 (122.00) | Groleaz21 (122.00) | Godet21a (113.00) | ZarandiASC20 (112.00) | Lombardi10 (109.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | AlesioBNG15 (0.83) | CambazardHDJT04 (0.70) | KhayatLR06 (0.67) | PengLC14 (0.66) | PembertonG98 (0.66) |
| AlfieriGPS23 R&C | ColT2019a (0.96) | ColT19 (0.96) | NaderiRR23 (0.97) | ParkUJR19 (0.98) | HauderBRPA20 (0.98) |
| Euclid | LiFJZLL22 (0.37) | BogaerdtW19 (0.37) | Beck06 (0.37) | ZhangJZL22 (0.38) | ParkUJR19 (0.38) |
| Dot | ZarandiASC20 (189.00) | Groleaz21 (170.00) | PrataAN23 (167.00) | IsikYA23 (158.00) | NaderiRR23 (158.00) |
| Cosine | PrataAN23 (0.74) | AbreuAPNM21 (0.73) | AbreuPNF23 (0.72) | LiFJZLL22 (0.72) | MengZRZL20 (0.71) |
| AlizdehS20 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| AmadiniGM16 R&C | SzerediS16 (0.83) | KreterSS17 (0.86) | SchnellH15 (0.86) | YoungFS17 (0.86) | SchuttS16 (0.87) |
| Euclid | LombardiM13 (0.24) | Caballero23 (0.26) | BofillCSV17 (0.26) | OddiRC10 (0.27) | LombardiM12a (0.27) |
| Dot | Godet21a (98.00) | BoudreaultSLQ22 (91.00) | Groleaz21 (87.00) | PovedaAA23 (84.00) | Caballero19 (84.00) |
| Cosine | SzerediS16 (0.77) | BofillCSV17 (0.73) | BoudreaultSLQ22 (0.72) | LombardiM13 (0.72) | LombardiM12a (0.71) |
| AngelsmarkJ00 R&C | BrusoniCLMMT96 (0.89) | EsquirolLH2008 (0.92) | Muscettola02 (0.92) | Wolf11 (0.93) | PraletLJ15 (0.94) |
| Euclid | CarchraeBF05 (0.10) | HebrardTW05 (0.12) | Baptiste09 (0.13) | KovacsEKV05 (0.13) | BarlattCG08 (0.14) |
| Dot | BartakSR10 (33.00) | Beck99 (33.00) | ZarandiASC20 (33.00) | Siala15a (33.00) | Baptiste02 (33.00) |
| Cosine | CarchraeBF05 (0.80) | Caseau97 (0.78) | BarlattCG08 (0.77) | Rit86 (0.76) | BarbulescuWH04 (0.76) |
| AntunesABD18 R&C | AntunesABD20 (0.60) | FrohnerTR19 (0.97) | ArmstrongGOS22 (0.97) | HoYCLLCLC18 (0.97) | Ham18 (0.97) |
| Euclid | AntunesABD20 (0.15) | ZibranR11 (0.26) | ChapadosJR11 (0.27) | ZibranR11a (0.27) | TranVNB17a (0.27) |
| Dot | Groleaz21 (85.00) | HarjunkoskiMBC14 (83.00) | Dejemeppe16 (82.00) | ZarandiASC20 (82.00) | Lombardi10 (82.00) |
| Cosine | AntunesABD20 (0.91) | BoothNB16 (0.65) | ZibranR11 (0.65) | TranVNB17a (0.64) | GrimesIOS14 (0.64) |
| AntunesABD20 R&C | AntunesABD18 (0.60) | HoYCLLCLC18 (0.97) | Ham18 (0.97) | MusliuSS18 (0.97) | HechingHK19 (0.98) |
| Euclid | AntunesABD18 (0.15) | ZibranR11 (0.30) | GomesHS06 (0.30) | ChapadosJR11 (0.31) | FortinZDF05 (0.31) |
| Dot | ZarandiASC20 (95.00) | Groleaz21 (93.00) | Malapert11 (90.00) | HarjunkoskiMBC14 (90.00) | Dejemeppe16 (88.00) |
| Cosine | AntunesABD18 (0.91) | NishikawaSTT18a (0.60) | NovasH10 (0.59) | BoothNB16 (0.59) | BockmayrP06 (0.58) |
| AntuoriHHEN20 R&C | DavenportKRSH07 (0.90) | WatsonB08 (0.92) | SimoninAHL15 (0.92) | CarchraeB09 (0.93) | BeldiceanuP07 (0.93) |
| Euclid | AntuoriHHEN21 (0.29) | AlakaPY19 (0.36) | Alaka21 (0.37) | BockmayrP06 (0.37) | BukchinR18 (0.37) |
| Dot | Groleaz21 (139.00) | Dejemeppe16 (134.00) | ZarandiASC20 (130.00) | Lombardi10 (127.00) | Astrand21 (119.00) |
| Cosine | AntuoriHHEN21 (0.79) | MonetteDH09 (0.67) | AlakaPY19 (0.65) | Alaka21 (0.64) | HeipckeCCS00 (0.64) |
| AntuoriHHEN21 R&C | | | | | |
| Euclid | AntuoriHHEN20 (0.29) | BockmayrP06 (0.32) | BukchinR18 (0.33) | LozanoCDS12 (0.33) | Colombani96 (0.33) |
| Dot | Groleaz21 (121.00) | ZarandiASC20 (112.00) | AntuoriHHEN20 (106.00) | Astrand21 (103.00) | Malapert11 (103.00) |
| Cosine | AntuoriHHEN20 (0.79) | MonetteDH09 (0.66) | Colombani96 (0.65) | BockmayrP06 (0.65) | BukchinR18 (0.64) |
| ArbaouiY18 R&C | EdisO11 (0.82) | NattafALR16 (0.88) | PraletLJ15 (0.91) | PandeyS21a (0.91) | Ham18a (0.93) |
| Euclid | EdisO11 (0.29) | Ham18a (0.30) | abs-2305-19888 (0.30) | BenediktSMVH18 (0.31) | NattafDYW19 (0.31) |
| Dot | Groleaz21 (126.00) | Lunardi20 (120.00) | NaderiRR23 (120.00) | IsikYA23 (116.00) | YunusogluY22 (115.00) |
| Cosine | GedikKEK18 (0.79) | abs-2305-19888 (0.78) | Ham18a (0.77) | HeinzNVH22 (0.75) | NattafDYW19 (0.74) |
| Arkhipov19 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ArkhipovBL19 R&C | NeronABCDD06 (0.67) | DemasseyAM05 (0.80) | CarlierPSJ20 (0.80) | CarlierSJP21 (0.83) | LiessM08 (0.84) |
| Euclid | HeipckeCCS00 (0.28) | VilimLS15 (0.29) | HillTV21 (0.30) | KovacsV06 (0.30) | LiessM08 (0.30) |
| Dot | Schutt11 (160.00) | Godet21a (159.00) | Groleaz21 (158.00) | Baptiste02 (156.00) | Dejemeppe16 (148.00) |
| Cosine | VilimLS15 (0.81) | HeipckeCCS00 (0.80) | HillTV21 (0.79) | BaptisteB18 (0.78) | DemasseyAM05 (0.78) |
| ArmstrongGOS21 R&C | TangB20 (0.86) | RendlPHPR12 (0.93) | LaborieRSV18 (0.99) | | |
| Euclid | JuvinHL23 (0.47) | ArmstrongGOS22 (0.47) | CzerniachowskaWZ23 (0.48) | ZhouGL15 (0.48) | LiFJZLL22 (0.48) |
| Dot | Lunardi20 (193.00) | Malapert11 (186.00) | Groleaz21 (180.00) | ZarandiASC20 (176.00) | Astrand21 (169.00) |
| Cosine | ArmstrongGOS22 (0.66) | JuvinHL23 (0.65) | CzerniachowskaWZ23 (0.65) | ZhouGL15 (0.64) | LiFJZLL22 (0.63) |
| ArmstrongGOS22 R&C | GroleazNS20 (0.92) | ParkUJR19 (0.94) | Laborie18a (0.96) | ColT2019a (0.96) | ColT19 (0.96) |
| Euclid | ZhouGL15 (0.35) | LiLZDZW24 (0.36) | JuvinHL23 (0.36) | ZhangJZL22 (0.36) | PerezGSL23 (0.37) |
| Dot | ArmstrongGOS21 (128.00) | IsikYA23 (120.00) | Astrand21 (118.00) | Lunardi20 (118.00) | Groleaz21 (115.00) |
| Cosine | ZhouGL15 (0.71) | ZhangJZL22 (0.67) | ArmstrongGOS21 (0.66) | LiLZDZW24 (0.65) | JuvinHL23 (0.65) |
| AronssonBK09 R&C | | | | | |
| Euclid | HebrardTW05 (0.27) | Acuna-AgostMFG09 (0.27) | Hooker17 (0.27) | Caseau97 (0.27) | AngelsmarkJ00 (0.28) |
| Dot | Malapert11 (72.00) | LaborieRSV18 (69.00) | Lemos21 (67.00) | Lunardi20 (59.00) | ColT22 (59.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Geske05 (0.61) | Rodriguez07 (0.61) | PourDERB18 (0.60) | WolfS05 (0.59) | Colombani96 (0.58) |
| ArtiguesBF04 R&C | ArtiguesF07 (0.71) | GrimesH10 (0.76) | CarlssonKA99 (0.83) | Wolf03 (0.84) | DejemeppeCS15 (0.86) |
| Euclid | ArtiguesF07 (0.18) | TanSD10 (0.26) | FocacciLN00 (0.27) | CauwelaertDMS16 (0.29) | MenciaSV13 (0.29) |
| Dot | Baptiste02 (142.00) | Groleaz21 (137.00) | Malapert11 (133.00) | GrimesH15 (131.00) | Dejemeppe16 (128.00) |
| Cosine | ArtiguesF07 (0.92) | FocacciLN00 (0.82) | TanSD10 (0.82) | OrnekO16 (0.79) | MenciaSV13 (0.79) |
| ArtiguesDN08 R&C | BertholdHLMS10 (0.95) | SchuttFSW11 (0.96) | LiW08 (0.96) | AkkerDH07 (0.97) | DemasseyAM05 (0.97) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ArtiguesF07 R&C | ArtiguesBF04 (0.71) | GrimesH10 (0.86) | SourdN00 (0.87) | DorndorfPH99 (0.88) | GrimesHM09 (0.88) |
| Euclid | ArtiguesBF04 (0.18) | TanSD10 (0.26) | FocacciLN00 (0.29) | MenciaSV13 (0.29) | CauwelaertDMS16 (0.30) |
| Dot | Groleaz21 (157.00) | Baptiste02 (153.00) | Malapert11 (146.00) | Dejemeppe16 (145.00) | ZarandiASC20 (145.00) |
| Cosine | ArtiguesBF04 (0.92) | TanSD10 (0.82) | FocacciLN00 (0.81) | MenciaSV12 (0.80) | MenciaSV13 (0.79) |
| ArtiguesHQT21 R&C | | | | | |
| Euclid | CarlierPSJ20 (0.29) | Caballero23 (0.29) | BertholdHLMS10 (0.29) | CrawfordB94 (0.30) | Caseau97 (0.31) |
| Dot | ZarandiASC20 (91.00) | Lombardi10 (88.00) | Groleaz21 (86.00) | Baptiste02 (86.00) | BaptistePN99 (86.00) |
| Cosine | CarlierPSJ20 (0.70) | BaptistePN99 (0.69) | HanenKP21 (0.68) | BertholdHLMS10 (0.65) | NattafHKAL19 (0.64) |
| ArtiguesL14 R&C | NattafAL15 (0.75) | NattafAL17 (0.78) | DerrienP14 (0.80) | ArtiguesLH13 (0.81) | Tesch18 (0.86) |
| Euclid | NattafAL15 (0.20) | NattafALR16 (0.22) | NattafHKAL19 (0.23) | NattafAL17 (0.26) | CarlierPSJ20 (0.27) |
| Dot | Baptiste02 (112.00) | Lombardi10 (111.00) | Fahimi16 (108.00) | NattafAL15 (104.00) | NattafALR16 (102.00) |
| Cosine | NattafAL15 (0.89) | NattafALR16 (0.86) | NattafHKAL19 (0.83) | NattafAL17 (0.77) | CarlierPSJ20 (0.76) |
| ArtiguesLH13 R&C | ArtiguesL14 (0.81) | NattafAL15 (0.85) | NattafALR16 (0.90) | NishikawaSTT18 (0.93) | NattafHKAL19 (0.94) |
| Euclid | HanenKP21 (0.33) | Hooker05a (0.34) | JainG01 (0.34) | Hooker06 (0.34) | Limtanyakul07 (0.35) |
| Dot | Baptiste02 (175.00) | Lombardi10 (163.00) | Groleaz21 (160.00) | ZarandiASC20 (156.00) | Dejemeppe16 (154.00) |
| Cosine | HanenKP21 (0.76) | JainG01 (0.75) | Hooker05a (0.75) | Limtanyakul07 (0.74) | Hooker06 (0.74) |
| ArtiguesR00 R&C | DilkinaDH05 (0.90) | GeibingerMM19 (0.94) | HeckmanB11 (0.96) | BruckerK00 (0.96) | EsquirolLH2008 (0.97) |
| Euclid | HentenryckM04 (0.32) | OzturkTHO12 (0.33) | CestaOF99 (0.33) | BhatnagarKL19 (0.34) | Laborie05 (0.35) |
| Dot | Groleaz21 (156.00) | Baptiste02 (151.00) | Dejemeppe16 (143.00) | ZarandiASC20 (142.00) | Malapert11 (135.00) |
| Cosine | HentenryckM04 (0.74) | OzturkTHO12 (0.71) | CestaOF99 (0.71) | Pralet17 (0.71) | Laborie05 (0.71) |
| ArtiouchineB05 R&C | Vilim05 (0.66) | Wolf05 (0.70) | MonetteDD07 (0.74) | VilimBC04 (0.80) | Wolf03 (0.82) |
| Euclid | BeckF99 (0.29) | VilimBC04 (0.30) | VilimBC05 (0.31) | MonetteDD07 (0.31) | CauwelaertDMS16 (0.32) |
| Dot | Baptiste02 (146.00) | Fahimi16 (139.00) | Dejemeppe16 (134.00) | Malapert11 (127.00) | Lombardi10 (126.00) |
| Cosine | VilimBC05 (0.74) | BeckF99 (0.74) | MonetteDD07 (0.74) | GokgurHO18 (0.74) | VilimBC04 (0.74) |
| Astrand0F21 R&C | AstrandJZ18 (0.76) | AstrandJZ20 (0.83) | SialaAH15 (0.90) | AntuoriHHEN20 (0.94) | GaySS14 (0.94) |
| Euclid | AstrandJZ20 (0.28) | PacinoH11 (0.29) | AstrandJZ18 (0.31) | CarchraeB09 (0.31) | VanczaM01 (0.31) |
| Dot | Astrand21 (157.00) | Dejemeppe16 (137.00) | LaborieRSV18 (133.00) | Groleaz21 (133.00) | AstrandJZ20 (131.00) |
| Cosine | AstrandJZ20 (0.83) | PacinoH11 (0.77) | CarchraeB09 (0.75) | KhayatLR06 (0.75) | OzturkTHO15 (0.74) |
| Astrand21 R&C | | | | | |
| Euclid | AstrandJZ20 (0.41) | Astrand0F21 (0.52) | JainM99 (0.52) | BartakSR08 (0.53) | AfsarVPG23 (0.54) |
| Dot | ZarandiASC20 (306.00) | Groleaz21 (293.00) | Dejemeppe16 (262.00) | Baptiste02 (262.00) | Lunardi20 (258.00) |
| Cosine | AstrandJZ20 (0.83) | Lunardi20 (0.70) | Astrand0F21 (0.70) | JainM99 (0.70) | Groleaz21 (0.69) |
| AstrandJZ18 R&C | AstrandJZ20 (0.62) | Astrand0F21 (0.76) | GrimesHM09 (0.91) | Davenport10 (0.92) | Limtanyakul07 (0.92) |
| Euclid | BockmayrP06 (0.23) | TranVNB17a (0.24) | ChapadosJR11 (0.26) | RoweJCA96 (0.26) | BoothNB16 (0.26) |
| Dot | Astrand21 (101.00) | Malapert11 (97.00) | Dejemeppe16 (96.00) | ZarandiASC20 (94.00) | Fahimi16 (94.00) |
| Cosine | BockmayrP06 (0.77) | ChapadosJR11 (0.74) | AalianPG23 (0.74) | TranVNB17a (0.74) | BoothNB16 (0.73) |
| AstrandJZ20 R&C | AstrandJZ18 (0.62) | Astrand0F21 (0.83) | CampeauG22 (0.89) | GroleazNS20 (0.92) | BlomBPS14 (0.93) |
| Euclid | Astrand0F21 (0.28) | PacinoH11 (0.33) | BeckPS03 (0.34) | HeckmanB11 (0.34) | Beck07 (0.34) |
| Dot | Astrand21 (210.00) | Groleaz21 (186.00) | ZarandiASC20 (178.00) | Dejemeppe16 (176.00) | Lunardi20 (166.00) |
| Cosine | Astrand0F21 (0.83) | Astrand21 (0.83) | PacinoH11 (0.76) | BeckPS03 (0.75) | HeckmanB11 (0.74) |
| AwadMDMT22 R&C | AbreuNP23 (0.75) | KlankeBYE21 (0.78) | HeinzNVH22 (0.86) | AbreuN22 (0.91) | EscobetPQPRA19 (0.92) |
| Euclid | Novas19 (0.38) | NovaraNH16 (0.40) | OrnekO16 (0.40) | OzturkTHO12 (0.40) | ZeballosNH11 (0.41) |
| Dot | Groleaz21 (235.00) | ZarandiASC20 (225.00) | Dejemeppe16 (216.00) | Malapert11 (207.00) | Baptiste02 (205.00) |
| Cosine | Novas19 (0.78) | NovaraNH16 (0.75) | OrnekO16 (0.74) | ZeballosNH11 (0.73) | OzturkTHO12 (0.73) |
| BadicaBI20 R&C | BadicaBIL19 (0.57) | KameugneF13 (0.97) | LombardiBM15 (0.97) | BruckerK00 (0.97) | KameugneFSN11 (0.97) |
| Euclid | BadicaBIL19 (0.30) | LombardiBM15 (0.35) | FortinZDF05 (0.35) | BofillCSV17a (0.36) | LombardiM12a (0.37) |
| Dot | Schutt11 (130.00) | Malapert11 (125.00) | ZarandiASC20 (119.00) | Lombardi10 (119.00) | Astrand21 (115.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | BadicaBIL19 (0.77) | LombardiBM15 (0.67) | LiW08 (0.65) | FortinZDF05 (0.65) | WikarekS19 (0.64) |
| BadicaBIL19 R&C | BadicaBI20 (0.57) | ZarandiASC20 (0.98) | | | |
| Euclid | FalaschiGMP97 (0.26) | WallaceF00 (0.26) | ChapadosJR11 (0.27) | FukunagaHFAMN02 (0.27) | ZibranR11 (0.27) |
| Dot | BadicaBI20 (77.00) | Malapert11 (68.00) | ZarandiASC20 (59.00) | Schutt11 (59.00) | Astrand21 (58.00) |
| Cosine | BadicaBI20 (0.77) | AstrandJZ18 (0.59) | FalaschiGMP97 (0.58) | GruianK98 (0.57) | ZibranR11a (0.57) |
| BajestaniB11 R&C | WuBB09 (0.98) | BidotVLB09 (0.98) | Hooker05 (0.99) | | |
| Euclid | Beck10 (0.27) | CireCH13 (0.28) | HookerO03 (0.28) | ChuX05 (0.29) | HookerY02 (0.29) |
| Dot | BajestaniB13 (123.00) | ZarandiASC20 (101.00) | Lombardi10 (101.00) | Groleaz21 (99.00) | Hooker19 (97.00) |
| Cosine | BajestaniB13 (0.85) | Beck10 (0.76) | CobanH11 (0.72) | CireCH13 (0.72) | HamdiL13 (0.72) |
| BajestaniB13 R&C | HamdiL13 (0.88) | Beck10 (0.88) | CireCH13 (0.88) | ChuX05 (0.89) | Sadykov04 (0.92) |
| Euclid | BajestaniB11 (0.30) | CobanH11 (0.39) | Beck10 (0.40) | ElciOH22 (0.40) | HeinzKB13 (0.40) |
| Dot | Groleaz21 (187.00) | ZarandiASC20 (180.00) | Lombardi10 (162.00) | Baptiste02 (152.00) | LombardiM12 (149.00) |
| Cosine | BajestaniB11 (0.85) | CobanH11 (0.70) | ElciOH22 (0.69) | Hooker19 (0.68) | BajestaniB15 (0.68) |
| BajestaniB15 R&C | GuyonLPR12 (0.88) | CireCH13 (0.90) | CobanH10 (0.92) | CireCH16 (0.92) | TranAB16 (0.92) |
| Euclid | PenzDN23 (0.34) | BajestaniB11 (0.35) | HamdiL13 (0.35) | Beck10 (0.36) | ChuX05 (0.39) |
| Dot | ZarandiASC20 (169.00) | Groleaz21 (154.00) | Astrand21 (145.00) | Lombardi10 (144.00) | Lunardi20 (136.00) |
| Cosine | PenzDN23 (0.75) | HamdiL13 (0.71) | BajestaniB11 (0.71) | BajestaniB13 (0.68) | Beck10 (0.68) |
| Balduccini11 R&C | ColT19 (0.87) | Simonis95 (0.92) | SchuttWS05 (0.92) | AggounV04 (0.92) | SimonisCK00 (0.93) |
| Euclid | ChuGNSW13 (0.25) | Hooker17 (0.25) | SmithC93 (0.25) | HookerY02 (0.27) | GelainPRVW17 (0.27) |
| Dot | Baptiste02 (94.00) | Lombardi10 (88.00) | Malapert11 (88.00) | Groleaz21 (88.00) | Dejemeppe16 (87.00) |
| Cosine | SmithC93 (0.74) | ChuGNSW13 (0.73) | Madi-WambaLOBM17 (0.70) | KovacsV04 (0.69) | Hooker17 (0.69) |
| BalochG20 R&C | ZarandiB12 (0.86) | MartnezAJ22 (0.87) | TranAB16 (0.88) | HechingHK19 (0.88) | ElciOH22 (0.90) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BandaSC11 R&C | LiuLH19 (0.91) | GarganiR07 (0.95) | DoulabiRP14 (0.96) | DoulabiRP16 (0.98) | GarridoOS08 (0.98) |
| Euclid | FeldmanG89 (0.19) | LiuLH19 (0.21) | CarchraeBF05 (0.21) | FrostD98 (0.21) | GelainPRVW17 (0.21) |
| Dot | Siala15a (56.00) | Dejemeppe16 (55.00) | Godet21a (51.00) | Beck99 (50.00) | LaborieRSV18 (49.00) |
| Cosine | LiuLH19 (0.77) | GelainPRVW17 (0.68) | FeldmanG89 (0.68) | ErkingerM17 (0.66) | LiuLH19a (0.65) |
| Baptiste02 R&C | | | | | |
| Euclid | BartakSR10 (0.53) | PapaB98 (0.53) | GokgurHO18 (0.53) | BartakSR08 (0.57) | Fahimi16 (0.57) |
| Dot | ZarandiASC20 (331.00) | Groleaz21 (318.00) | Dejemeppe16 (299.00) | Malapert11 (297.00) | Lombardi10 (284.00) |
| Cosine | GokgurHO18 (0.75) | PapaB98 (0.75) | BartakSR10 (0.75) | BartakSR08 (0.72) | Fahimi16 (0.72) |
| Baptiste09 R&C | | | | | |
| Euclid | CarchraeBF05 (0.09) | Caballero23 (0.12) | AbrilSB05 (0.12) | AngelsmarkJ00 (0.13) | FrostD98 (0.13) |
| Dot | JuvinHHL23 (12.00) | PovedaAA23 (12.00) | KameugneFND23 (12.00) | EfthymiouY23 (12.00) | SquillaciPR23 (12.00) |
| Cosine | CarchraeBF05 (0.76) | Caballero23 (0.75) | ZibranR11 (0.70) | BofillCGGPSV23 (0.68) | Hunsberger08 (0.66) |
| BaptisteB18 R&C | OuelletQ13 (0.72) | GroleazNS20a (0.81) | KameugneF13 (0.82) | KameugneFSN14 (0.83) | OuelletQ18 (0.86) |
| Euclid | LiessM08 (0.28) | Caseau97 (0.28) | PoderBS04 (0.30) | ArkhipovBL19 (0.30) | BaptisteP97 (0.30) |
| Dot | Schutt11 (134.00) | Godet21a (130.00) | Lombardi10 (125.00) | Baptiste02 (124.00) | Dejemeppe16 (120.00) |
| Cosine | ArkhipovBL19 (0.78) | BaptisteP97 (0.78) | LiessM08 (0.77) | BaptisteP00 (0.75) | Caseau97 (0.74) |
| BaptisteLPN06 R&C | Laborie03 (0.78) | GrimesH15 (0.83) | DorndorfHP99 (0.85) | TanSD10 (0.86) | DannaP04 (0.86) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BaptisteLV92 R&C | RodosekW98 (0.78) | Simonis95a (0.89) | Simonis99 (0.92) | Zhou96 (0.92) | Goltz95 (0.92) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BaptisteP00 R&C | SchuttW10 (0.90) | Vilim09 (0.90) | BruckerK00 (0.90) | DemasseyAM05 (0.92) | KameugneF13 (0.92) |
| Euclid | BaptisteP97 (0.13) | PapeB97 (0.27) | BaptistePN99 (0.29) | DemasseyAM05 (0.30) | LiessM08 (0.32) |
| Dot | Baptiste02 (176.00) | Lombardi10 (165.00) | PapeB97 (159.00) | Godet21a (158.00) | Malapert11 (158.00) |
| Cosine | BaptisteP97 (0.96) | PapeB97 (0.87) | BaptistePN99 (0.82) | DemasseyAM05 (0.80) | PapaB98 (0.78) |
| BaptisteP95 R&C | | | | | |
| Euclid | BeckF00a (0.31) | BeckF99 (0.31) | CauwelaertDMS16 (0.32) | OzturkTHO12 (0.32) | BartakSR08 (0.33) |
| Dot | Baptiste02 (156.00) | Fahimi16 (150.00) | Lombardi10 (144.00) | PapaB98 (138.00) | Schutt11 (138.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | PapaB98 (0.79) | BeckF00a (0.76) | GokgurHO18 (0.75) | BartakSR08 (0.75) | ChenGPSH10 (0.75) |
| BaptisteP97 R&C | DorndorfHP99 (0.83) | KameugneFGOQ18 (0.84) | DemasseyAM05 (0.86) | Colombani96 (0.87) | NuijtenA96 (0.88) |
| Euclid | BaptisteP00 (0.13) | DemasseyAM05 (0.24) | BaptistePN99 (0.26) | LiessM08 (0.27) | BofillCSV17a (0.29) |
| Dot | Baptiste02 (172.00) | Lombardi10 (162.00) | Godet21a (160.00) | Schutt11 (157.00) | Dejemeppe16 (155.00) |
| Cosine | BaptisteP00 (0.96) | DemasseyAM05 (0.86) | BaptistePN99 (0.86) | PapeB97 (0.83) | LiessM08 (0.82) |
| BaptistePN01 R&C | Laborie03 (0.94) | AggounB93 (0.94) | Vilim04 (0.95) | JainG01 (0.95) | MercierH08 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BaptistePN99 R&C | BruckerK00 (0.91) | Vilim11 (0.95) | ArtiguesL14 (0.95) | MercierH08 (0.95) | SchuttW10 (0.95) |
| Euclid | BaptisteP97 (0.26) | DemasseyAM05 (0.29) | BaptisteP00 (0.29) | CarlierPSJ20 (0.30) | LiessM08 (0.31) |
| Dot | Baptiste02 (184.00) | Lombardi10 (162.00) | Groleaz21 (161.00) | Godet21a (160.00) | Dejemeppe16 (156.00) |
| Cosine | BaptisteP97 (0.86) | BaptisteP00 (0.82) | DemasseyAM05 (0.82) | CarlierPSJ20 (0.79) | HanenKP21 (0.77) |
| BarbulescuWH04 R&C | | | | | |
| Euclid | AngelsmarkJ00 (0.23) | GlobusCLP04 (0.25) | CrawfordB94 (0.26) | LudwigKRBMS14 (0.26) | Caseau97 (0.26) |
| Dot | ZarandiASC20 (84.00) | Astrand21 (79.00) | Beck99 (78.00) | Godet21a (76.00) | Lombardi10 (75.00) |
| Cosine | AngelsmarkJ00 (0.76) | GlobusCLP04 (0.76) | JussienL02 (0.72) | Salido10 (0.70) | MurphyRFSS97 (0.67) |
| BarlattCG08 R&C | ElkhyariGJ02 (0.93) | NuijtenA96 (0.93) | HebrardHJMPV16 (0.94) | BertholdHLMS10 (0.95) | WikarekS19 (0.95) |
| Euclid | AngelsmarkJ00 (0.14) | CarchraeBF05 (0.17) | KovacsEKV05 (0.18) | Baptiste09 (0.19) | HebrardTW05 (0.19) |
| Dot | Lunardi20 (45.00) | CzerniachowskaWZ23 (44.00) | Groleaz21 (44.00) | Astrand21 (44.00) | ColT22 (43.00) |
| Cosine | AngelsmarkJ00 (0.77) | LudwigKRBMS14 (0.66) | BeniniBGM05a (0.65) | Caseau97 (0.63) | SunLYL10 (0.62) |
| Bartak02 R&C | Bartak02a (0.69) | MonetteDD07 (0.94) | Zhou97 (0.95) | VilimBC05 (0.96) | YuraszeckMPV22 (0.97) |
| Euclid | Bartak02a (0.23) | BrusoniCLMMT96 (0.26) | KovacsV04 (0.27) | GarridoOS08 (0.28) | ChuGNSW13 (0.28) |
| Dot | Baptiste02 (113.00) | Malapert11 (110.00) | Fahimi16 (106.00) | Siala15a (101.00) | ZarandiASC20 (100.00) |
| Cosine | Bartak02a (0.81) | BeckF00a (0.75) | BrusoniCLMMT96 (0.75) | KovacsV04 (0.74) | BartakSR08 (0.72) |
| Bartak02a R&C | Bartak02 (0.69) | BartakS11 (0.92) | VilimBC04 (0.92) | VilimBC05 (0.93) | MonetteDD07 (0.95) |
| Euclid | KovacsV04 (0.20) | Bartak02 (0.23) | BartakCS10 (0.24) | ChuGNSW13 (0.24) | ValleMGT03 (0.25) |
| Dot | Baptiste02 (126.00) | Lombardi10 (112.00) | Fahimi16 (112.00) | Beck99 (111.00) | Malapert11 (111.00) |
| Cosine | KovacsV04 (0.86) | Bartak02 (0.81) | BartakSR08 (0.80) | BartakCS10 (0.79) | ChuGNSW13 (0.77) |
| Bartak14 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BartakCS10 R&C | LombardiM10a (0.81) | CestaOS98 (0.86) | LombardiM09 (0.89) | BeldiceanuCDP11 (0.90) | CobanH10 (0.91) |
| Euclid | Bartak02a (0.24) | OddiRC10 (0.25) | LombardiM13 (0.26) | Junker00 (0.26) | WallaceF00 (0.26) |
| Dot | Baptiste02 (101.00) | Astrand21 (95.00) | ZarandiASC20 (93.00) | Godet21a (91.00) | Lombardi10 (91.00) |
| Cosine | Bartak02a (0.79) | CestaOF99 (0.74) | OddiRC10 (0.73) | Junker00 (0.73) | KovacsV04 (0.72) |
| BartakS11 R&C | Salido10 (0.75) | VilimBC04 (0.86) | VilimBC05 (0.88) | Colombani96 (0.88) | Rodriguez07 (0.89) |
| Euclid | Salido10 (0.24) | GelainPRVW17 (0.25) | SmithBHW96 (0.25) | FukunagaHFAMN02 (0.25) | DilkinaH04 (0.26) |
| Dot | Beck99 (89.00) | Godet21a (86.00) | Lombardi10 (86.00) | Lemos21 (86.00) | Dejemeppe16 (83.00) |
| Cosine | Salido10 (0.76) | GelainPRVW17 (0.70) | LiuLH19 (0.70) | SmithBHW96 (0.69) | KovacsV04 (0.69) |
| BartakSR08 R&C | BartakSR10 (0.74) | GarridoAO09 (0.89) | Laborie03 (0.89) | BaptisteLPN06 (0.89) | BriandHHL08 (0.91) |
| Euclid | MalapertCGJLR13 (0.27) | KovacsV04 (0.28) | Bartak02a (0.28) | TorresL00 (0.29) | BeckF00a (0.30) |
| Dot | Baptiste02 (186.00) | BartakSR10 (174.00) | Dejemeppe16 (168.00) | Groleaz21 (168.00) | Malapert11 (166.00) |
| Cosine | BartakSR10 (0.88) | GokgurHO18 (0.83) | MalapertCGJLR13 (0.81) | TorresL00 (0.81) | ChenGPSH10 (0.80) |
| BartakSR10 R&C | BartakSR08 (0.74) | SadehF96 (0.90) | BaptisteLPN06 (0.92) | EsquirolLH2008 (0.92) | BeckF00 (0.92) |
| Euclid | BartakSR08 (0.30) | GokgurHO18 (0.37) | BeckF00 (0.40) | FahimiOQ18 (0.41) | BeckDDF98 (0.41) |
| Dot | Baptiste02 (254.00) | Groleaz21 (234.00) | ZarandiASC20 (233.00) | Dejemeppe16 (232.00) | Malapert11 (223.00) |
| Cosine | BartakSR08 (0.88) | GokgurHO18 (0.80) | BeckF00 (0.76) | FahimiOQ18 (0.76) | BeckDDF98 (0.76) |
| BartakV15 R&C | | | | | |
| Euclid | BidotVLB07 (0.26) | LuoVLBM16 (0.27) | WallaceF00 (0.27) | FoxAS82 (0.28) | CrawfordB94 (0.29) |
| Dot | ZarandiASC20 (98.00) | Groleaz21 (89.00) | Astrand21 (89.00) | Baptiste02 (89.00) | BidotVLB09 (87.00) |
| Cosine | BidotVLB07 (0.72) | BidotVLB09 (0.70) | BeckPS03 (0.69) | NovasH10 (0.68) | BartakCS10 (0.67) |
| BartoliniBBLM14 R&C | GilesH16 (0.78) | BridiBLMB16 (0.90) | BorghesiBLMB18 (0.92) | BaptisteLPN06 (0.93) | CohenHB17 (0.93) |
| Euclid | GalleguillosKSB19 (0.23) | Limtanyakul07 (0.26) | Hooker17 (0.27) | BonfiettiM12 (0.27) | BridiLBBM16 (0.28) |
| Dot | LaborieRSV18 (85.00) | Dejemeppe16 (85.00) | Lombardi10 (83.00) | Hooker19 (79.00) | Groleaz21 (79.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GalleguillosKSB19 (0.78) | BridiBLMB16 (0.72) | ZeballosH05 (0.71) | BorghesiBLMB18 (0.70) | Beck06 (0.69) |
| BarzegaranZP20 R&C | | | | | |
| Euclid | ZibranR11 (0.23) | GomesHS06 (0.24) | ZibranR11a (0.25) | PesantGPR99 (0.25) | FrankDT16 (0.26) |
| Dot | Groleaz21 (78.00) | ZarandiASC20 (75.00) | Astrand21 (72.00) | Froger16 (71.00) | HarjunkoskiMBC14 (69.00) |
| Cosine | FallahiAC20 (0.71) | BoothNB16 (0.70) | ZibranR11 (0.69) | MontemanniD23a (0.67) | ZibranR11a (0.67) |
| Beck06 R&C | | | | | |
| Euclid | WatsonB08 (0.21) | Beck07 (0.22) | HeckmanB11 (0.23) | CarchraeB09 (0.23) | BeckW05 (0.24) |
| Dot | ZarandiASC20 (107.00) | Groleaz21 (105.00) | GrimesH15 (103.00) | Lunardi20 (100.00) | Dejemeppe16 (100.00) |
| Cosine | Beck07 (0.86) | WatsonB08 (0.86) | HeckmanB11 (0.83) | CarchraeB09 (0.83) | BeckFW11 (0.81) |
| Beck07 R&C | WatsonB08 (0.83) | BeckF00 (0.90) | GrimesHM09 (0.92) | BeckFW11 (0.94) | GrimesH10 (0.94) |
| Euclid | HeckmanB11 (0.22) | Beck06 (0.22) | WatsonB08 (0.23) | HentenryckM04 (0.24) | BeckW05 (0.26) |
| Dot | Groleaz21 (130.00) | Astrand21 (128.00) | ZarandiASC20 (125.00) | Lombardi10 (125.00) | Schutt11 (124.00) |
| Cosine | HeckmanB11 (0.87) | Beck06 (0.86) | WatsonB08 (0.85) | HentenryckM04 (0.83) | BeckFW11 (0.81) |
| Beck10 R&C | Hooker05 (0.68) | CobanH11 (0.71) | CireCH16 (0.72) | ChuX05 (0.74) | Hooker05a (0.75) |
| Euclid | HeinzKB13 (0.23) | HookerY02 (0.23) | ChuX05 (0.24) | CireCH13 (0.24) | HookerO03 (0.25) |
| Dot | Lombardi10 (100.00) | BajestaniB13 (96.00) | JuvinHL23a (93.00) | MilanoW09 (92.00) | TerekhovDOB12 (91.00) |
| Cosine | HeinzKB13 (0.81) | ChuX05 (0.78) | HookerY02 (0.78) | CireCH13 (0.78) | HookerO03 (0.76) |
| Beck99 R&C | | | | | |
| Euclid | BeckF98 (0.36) | BeckDDF98 (0.37) | BeckF00 (0.38) | BeckF00a (0.42) | GokgurHO18 (0.44) |
| Dot | Dejemeppe16 (251.00) | Lombardi10 (244.00) | Baptiste02 (241.00) | ZarandiASC20 (240.00) | Malapert11 (231.00) |
| Cosine | BeckF98 (0.84) | BeckDDF98 (0.83) | BeckF00 (0.82) | BeckF00a (0.78) | BartakSR10 (0.75) |
| BeckDDF98 R&C | BeckF00 (0.94) | HeinzB12 (0.94) | HeinzKB13 (0.94) | CobanH10 (0.94) | Muscettola02 (0.96) |
| Euclid | BeckF98 (0.31) | BidotVLB09 (0.34) | BeckPS03 (0.35) | BeckDSF97 (0.35) | BeckF00 (0.36) |
| Dot | ZarandiASC20 (224.00) | Beck99 (212.00) | Dejemeppe16 (203.00) | Baptiste02 (199.00) | Groleaz21 (196.00) |
| Cosine | BeckF98 (0.84) | Beck99 (0.83) | BidotVLB09 (0.80) | BeckDSF97 (0.79) | BeckPS03 (0.78) |
| BeckDF97 R&C | BeckF00 (0.77) | CarlssonKA99 (0.87) | GrimesHM09 (0.88) | TorresL00 (0.88) | BaptisteLPN06 (0.89) |
| Euclid | BeckDSF97 (0.19) | BeckDSF97a (0.20) | BeckF00 (0.27) | CestaOS00 (0.27) | SadehF96 (0.28) |
| Dot | Beck99 (133.00) | Dejemeppe16 (120.00) | Lombardi10 (117.00) | Baptiste02 (117.00) | BeckF00 (114.00) |
| Cosine | BeckDSF97 (0.88) | BeckDSF97a (0.87) | BeckF00 (0.84) | BeckF98 (0.80) | SadehF96 (0.80) |
| BeckDSF97 R&C | | | | | |
| Euclid | BeckDSF97a (0.19) | BeckDF97 (0.19) | BeckF00a (0.24) | BeckF99 (0.25) | VilimBC04 (0.26) |
| Dot | Beck99 (129.00) | BeckDDF98 (118.00) | Baptiste02 (117.00) | Dejemeppe16 (116.00) | Lombardi10 (113.00) |
| Cosine | BeckDSF97a (0.88) | BeckDF97 (0.88) | BeckF00 (0.84) | BeckF00a (0.82) | BeckDDF98 (0.79) |
| BeckDSF97a R&C | | | | | |
| Euclid | BeckDSF97 (0.19) | BeckDF97 (0.20) | BeckW05 (0.22) | BeckF00a (0.23) | BeckF99 (0.23) |
| Dot | Beck99 (120.00) | Dejemeppe16 (117.00) | Baptiste02 (112.00) | BeckF00 (111.00) | Fahimi16 (111.00) |
| Cosine | BeckDSF97 (0.88) | BeckDF97 (0.87) | BeckF00a (0.85) | BeckF00 (0.84) | HeckmanB11 (0.83) |
| BeckF00 R&C | BeckDF97 (0.77) | BeckF00a (0.78) | Colombani96 (0.83) | WatsonB08 (0.84) | Zhou96 (0.85) |
| Euclid | BeckF00a (0.23) | BeckDF97 (0.27) | BeckDSF97a (0.27) | BeckDSF97 (0.27) | BeckF99 (0.29) |
| Dot | Beck99 (184.00) | Baptiste02 (175.00) | Dejemeppe16 (172.00) | Fahimi16 (171.00) | Lombardi10 (170.00) |
| Cosine | BeckF00a (0.89) | BeckDF97 (0.84) | BeckDSF97a (0.84) | BeckDSF97 (0.84) | BeckF99 (0.82) |
| BeckF00a R&C | BeckF00 (0.78) | HebrardTW05 (0.85) | CarlssonKA99 (0.85) | VilimBC05 (0.86) | Colombani96 (0.87) |
| Euclid | BeckF99 (0.18) | BeckF00 (0.23) | BeckDSF97a (0.23) | BeckDSF97 (0.24) | Vilim05 (0.26) |
| Dot | Beck99 (150.00) | Baptiste02 (140.00) | Lombardi10 (138.00) | Dejemeppe16 (136.00) | Fahimi16 (135.00) |
| Cosine | BeckF99 (0.91) | BeckF00 (0.89) | BeckDSF97a (0.85) | BeckDSF97 (0.82) | Vilim05 (0.81) |
| BeckF98 R&C | | | | | |
| Euclid | BeckDF97 (0.31) | BeckDDF98 (0.31) | BeckDSF97a (0.32) | SadehF96 (0.32) | BeckDSF97 (0.32) |
| Dot | Beck99 (196.00) | ZarandiASC20 (184.00) | Dejemeppe16 (180.00) | Groleaz21 (178.00) | Lombardi10 (174.00) |
| Cosine | Beck99 (0.84) | BeckDDF98 (0.84) | BeckDF97 (0.80) | BeckF00 (0.80) | SadehF96 (0.79) |
| BeckF99 R&C | | | | | |
| Euclid | BeckF00a (0.18) | VilimBC04 (0.23) | BeckDSF97a (0.23) | Vilim09 (0.23) | BeckW05 (0.24) |
| Dot | Beck99 (107.00) | Dejemeppe16 (102.00) | Schutt11 (101.00) | Fahimi16 (100.00) | Malapert11 (99.00) |
| Cosine | BeckF00a (0.91) | BeckF00 (0.82) | BeckDSF97a (0.81) | VilimBC04 (0.80) | VilimBC05 (0.80) |
| BeckFW11 R&C | WatsonB08 (0.61) | GrimesHM09 (0.74) | CarchraeB09 (0.80) | HeckmanB11 (0.80) | MenciaSV13 (0.85) |
| Euclid | WatsonB08 (0.16) | CarchraeB09 (0.23) | TanSD10 (0.24) | Beck06 (0.25) | Beck07 (0.26) |
| Dot | Groleaz21 (130.00) | ZarandiASC20 (124.00) | Schutt11 (124.00) | Lunardi20 (123.00) | Beck99 (123.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | WatsonB08 (0.93) | CarchraeB09 (0.85) | TanSD10 (0.83) | Beck06 (0.81) | Beck07 (0.81) |
| BeckPS03 R&C | | | | | |
| Euclid | HeckmanB11 (0.24) | KovacsV06 (0.25) | HentenryckM04 (0.25) | KhayatLR06 (0.26) | ZeballosH05 (0.26) |
| Dot | ZarandiASC20 (154.00) | Dejemeppe16 (144.00) | Lombardi10 (140.00) | Baptiste02 (140.00) | Astrand21 (139.00) |
| Cosine | HeckmanB11 (0.84) | ZeballosH05 (0.82) | HentenryckM04 (0.82) | KovacsV06 (0.82) | BeckW07 (0.82) |
| BeckR03 R&C | KelbelH11 (0.90) | DannaP03 (0.92) | KamarainenS02 (0.92) | GrimesH10 (0.95) | GrimesHM09 (0.95) |
| Euclid | DannaP03 (0.27) | HeckmanB11 (0.29) | MonetteDH09 (0.30) | BeckPS03 (0.30) | HentenryckM04 (0.31) |
| Dot | ZarandiASC20 (153.00) | Groleaz21 (152.00) | Baptiste02 (150.00) | Dejemeppe16 (139.00) | Lombardi10 (138.00) |
| Cosine | DannaP03 (0.80) | MonetteDH09 (0.79) | HeckmanB11 (0.78) | BeckPS03 (0.77) | GrimesH11 (0.77) |
| BeckW04 R&C | | | | | |
| Euclid | BeckW05 (0.19) | CrawfordB94 (0.24) | BonfiettiLM14 (0.25) | OddiS97 (0.25) | LauLN08 (0.25) |
| Dot | ZarandiASC20 (99.00) | Astrand21 (93.00) | Beck99 (92.00) | BeckW07 (91.00) | Baptiste02 (88.00) |
| Cosine | BeckW05 (0.85) | BonfiettiLM14 (0.79) | BeckW07 (0.78) | BeckDSF97a (0.77) | OddiS97 (0.75) |
| BeckW05 R&C | | | | | |
| Euclid | BeckW04 (0.19) | BeckDSF97a (0.22) | DoomsH08 (0.23) | OddiS97 (0.23) | BidotVLB07 (0.24) |
| Dot | Lombardi10 (82.00) | Beck99 (81.00) | BeckW07 (80.00) | ZarandiASC20 (80.00) | Siala15a (79.00) |
| Cosine | BeckW04 (0.85) | BeckDSF97a (0.83) | HeckmanB11 (0.80) | Beck07 (0.78) | Beck06 (0.77) |
| BeckW07 R&C | WuBB09 (0.94) | BonfiettiLM14 (0.97) | RossiTHP07 (0.97) | LombardiM09 (0.97) | Muscettola02 (0.98) |
| Euclid | BeckPS03 (0.28) | BonfiettiLM14 (0.29) | LombardiBM15 (0.30) | BeckW04 (0.30) | KovacsV06 (0.31) |
| Dot | ZarandiASC20 (168.00) | Lombardi10 (154.00) | Baptiste02 (148.00) | Groleaz21 (147.00) | LaborieRSV18 (141.00) |
| Cosine | BeckPS03 (0.82) | BonfiettiLM14 (0.79) | LombardiBM15 (0.78) | BeckW04 (0.78) | DemasseyAM05 (0.77) |
| Bedhief21 R&C | | | | | |
| Euclid | JuvinHL23 (0.31) | ZhangJZL22 (0.33) | HamdiL13 (0.34) | BillautHL12 (0.34) | EdisO11 (0.35) |
| Dot | Groleaz21 (151.00) | Lunardi20 (144.00) | ZarandiASC20 (144.00) | IsikYA23 (143.00) | Astrand21 (138.00) |
| Cosine | JuvinHL23 (0.74) | ZhangJZL22 (0.73) | MengZRZL20 (0.71) | HamdiL13 (0.70) | Novas19 (0.70) |
| BegB13 R&C | MalikMB08 (0.88) | LozanoCDS12 (0.97) | EreminW01 (0.97) | BeldiceanuC01 (0.97) | CambazardJ05 (0.97) |
| Euclid | MalikMB08 (0.19) | Malik08 (0.25) | KuchcinskiW03 (0.25) | ErtlK91 (0.26) | LozanoCDS12 (0.26) |
| Dot | Malik08 (81.00) | Lombardi10 (81.00) | Groleaz21 (80.00) | Froger16 (80.00) | Kuchcinski03 (76.00) |
| Cosine | MalikMB08 (0.83) | Malik08 (0.81) | KuchcinskiW03 (0.73) | LozanoCDS12 (0.71) | ErtlK91 (0.69) |
| BehrensLM19 R&C | WessenCS20 (0.79) | WessenCSFPM23 (0.93) | CarchraeB09 (0.94) | BoothNB16 (0.94) | WallaceY20 (0.94) |
| Euclid | abs-1901-07914 (0.09) | WessenCS20 (0.24) | ValleMGT03 (0.25) | JungblutK22 (0.26) | BoothNB16 (0.26) |
| Dot | ZarandiASC20 (98.00) | BartakSR10 (91.00) | abs-1901-07914 (89.00) | Dejemeppe16 (88.00) | GombolayWS18 (88.00) |
| Cosine | abs-1901-07914 (0.97) | WessenCS20 (0.77) | ValleMGT03 (0.74) | BoothNB16 (0.72) | MokhtarzadehTNF20 (0.72) |
| BeldiceanuC01 R&C | Wolf03 (0.89) | BeldiceanuCP08 (0.93) | Vilim04 (0.93) | VilimBC04 (0.94) | BeldiceanuC02 (0.94) |
| Euclid | HebrardALLCMR22 (0.21) | HebrardTW05 (0.22) | Davis87 (0.22) | AngelsmarkJ00 (0.22) | CarchraeBF05 (0.22) |
| Dot | Malapert11 (52.00) | Schutt11 (48.00) | LetortCB15 (45.00) | Godet21a (45.00) | Dejemeppe16 (44.00) |
| Cosine | BeldiceanuC02 (0.64) | PoderB08 (0.63) | WolfS05 (0.62) | ClercqPBJ11 (0.61) | BeldiceanuCP08 (0.61) |
| BeldiceanuC02 R&C | LetortBC12 (0.75) | WolfS05a (0.77) | Wolf03 (0.81) | Vilim09 (0.82) | SimoninAHL12 (0.82) |
| Euclid | PoderB08 (0.22) | BeldiceanuP07 (0.24) | WolfS05 (0.25) | SimonisH11 (0.25) | PoderBS04 (0.26) |
| Dot | Malapert11 (87.00) | Simonis07 (77.00) | Dejemeppe16 (77.00) | Schutt11 (77.00) | Beck99 (77.00) |
| Cosine | PoderB08 (0.80) | BeldiceanuP07 (0.75) | WolfS05 (0.75) | SimonisH11 (0.73) | PoderBS04 (0.73) |
| BeldiceanuC94 R&C | SimonisC95 (0.85) | Goltz95 (0.86) | AggounB93 (0.87) | BrusoniCLMMT96 (0.88) | Simonis95 (0.89) |
| Euclid | Simonis95 (0.31) | Simonis95a (0.33) | SimonisCK00 (0.33) | ErtlK91 (0.33) | GruianK98 (0.34) |
| Dot | Simonis07 (108.00) | Simonis99 (107.00) | Malapert11 (104.00) | Dejemeppe16 (101.00) | Lombardi10 (101.00) |
| Cosine | Simonis95 (0.73) | Simonis95a (0.72) | SimonisCK00 (0.69) | GruianK98 (0.68) | ErtlK91 (0.67) |
| BeldiceanuCDP11 R&C | BeldiceanuCP08 (0.53) | Simonis95 (0.82) | AggounV04 (0.83) | SimonisCK00 (0.85) | Vilim09a (0.87) |
| Euclid | BeldiceanuCP08 (0.24) | BeldiceanuP07 (0.30) | WolfS05 (0.30) | ClautiauxJCM08 (0.32) | PoderB08 (0.32) |
| Dot | Malapert11 (116.00) | Schutt11 (112.00) | Godet21a (108.00) | Baptiste02 (108.00) | PapeB97 (104.00) |
| Cosine | BeldiceanuCP08 (0.83) | ClautiauxJCM08 (0.72) | BeldiceanuP07 (0.72) | WolfS05 (0.71) | EvenSH15 (0.68) |
| BeldiceanuCP08 R&C | BeldiceanuCDP11 (0.53) | Vilim09a (0.78) | LetortBC12 (0.83) | Simonis95 (0.83) | SimonisC95 (0.84) |
| Euclid | BeldiceanuP07 (0.22) | PoderB08 (0.24) | WolfS05 (0.24) | BeldiceanuCDP11 (0.24) | Caseau97 (0.25) |
| Dot | BeldiceanuCDP11 (84.00) | Malapert11 (82.00) | Schutt11 (80.00) | LaborieRSV18 (76.00) | SchuttFSW11 (75.00) |
| Cosine | BeldiceanuCDP11 (0.83) | BeldiceanuP07 (0.77) | WolfS05 (0.74) | SchuttWS05 (0.73) | PoderB08 (0.73) |
| BeldiceanuP07 R&C | SchuttS16 (0.79) | WolfS05a (0.85) | LombardiM09 (0.86) | Wolf05 (0.87) | DavenportKRSH07 (0.89) |
| Euclid | PoderB08 (0.13) | WolfS05 (0.14) | SimonisH11 (0.20) | Caseau97 (0.21) | BeniniBGM05a (0.21) |
| Dot | Malapert11 (72.00) | Lombardi10 (71.00) | FahimiOQ18 (70.00) | Godet21a (70.00) | Dejemeppe16 (70.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | PoderB08 (0.91) | WolfS05 (0.90) | SimonisH11 (0.80) | GayHS15 (0.79) | SimoninAHL15 (0.79) |
| BelhadjiI98 R&C | MintonJPL92 (1.00) | | | | |
| Euclid | KengY89 (0.28) | Zhou96 (0.30) | TorresL00 (0.31) | Rit86 (0.31) | Prosser89 (0.31) |
| Dot | Baptiste02 (123.00) | BartakSR10 (121.00) | Godet21a (118.00) | Lombardi10 (114.00) | ZarandiASC20 (109.00) |
| Cosine | TorresL00 (0.75) | KengY89 (0.73) | BartakSR08 (0.73) | Zhou96 (0.72) | FoxS90 (0.72) |
| BenderWS21 R&C | Polo-MejiaALB20 (0.89) | Ham20 (0.93) | Ham20a (0.93) | LunardiBLRV20 (0.94) | CauwelaertDS20 (0.95) |
| Euclid | LiessM08 (0.25) | BofillCSV17a (0.26) | BhatnagarKL19 (0.26) | BridiLBBM16 (0.27) | AstrandJZ18 (0.27) |
| Dot | ZarandiASC20 (103.00) | Lombardi10 (100.00) | Groleaz21 (100.00) | Schutt11 (100.00) | Godet21a (99.00) |
| Cosine | LiessM08 (0.80) | HeipckeCCS00 (0.74) | BofillCSV17a (0.74) | BeckW07 (0.74) | LombardiBM15 (0.73) |
| BenediktMH20 R&C | HeinzNVH22 (0.81) | YounespourAKE19 (0.88) | HamP21 (0.91) | HamPK21 (0.92) | BenediktSMVH18 (0.93) |
| Euclid | BenediktSMVH18 (0.23) | HebrardTW05 (0.29) | HeipckeCCS00 (0.30) | Hooker17 (0.30) | BogaerdtW19 (0.30) |
| Dot | Groleaz21 (96.00) | ZarandiASC20 (91.00) | PrataAN23 (88.00) | Lunardi20 (88.00) | HamPK21 (86.00) |
| Cosine | BenediktSMVH18 (0.78) | HeipckeCCS00 (0.68) | PandeyS21a (0.66) | HamPK21 (0.66) | BogaerdtW19 (0.65) |
| BenediktSMVH18 R&C | BenediktMH20 (0.93) | OddiPCC03 (0.94) | DejemeppeCS15 (0.96) | HamdiL13 (0.96) | OddiPCC05 (0.96) |
| Euclid | BenediktMH20 (0.23) | HebrardTW05 (0.24) | Sadykov04 (0.25) | Limtanyakul07 (0.25) | Hooker17 (0.25) |
| Dot | Groleaz21 (83.00) | ZarandiASC20 (80.00) | Lunardi20 (75.00) | PrataAN23 (74.00) | Baptiste02 (73.00) |
| Cosine | BenediktMH20 (0.78) | SadykovW06 (0.72) | Sadykov04 (0.70) | CatusseCBL16 (0.70) | EdisO11 (0.69) |
| BeniniBGM05 R&C | Hooker05a (0.62) | Hooker05 (0.70) | BeniniBGM06 (0.71) | Hooker04 (0.72) | BeniniLMR08 (0.73) |
| Euclid | BeniniLMR08 (0.21) | BeniniBGM06 (0.24) | RuggieroBBMA09 (0.27) | BeniniLMMR08 (0.29) | BeniniLMR11 (0.29) |
| Dot | Lombardi10 (145.00) | Groleaz21 (121.00) | ZarandiASC20 (120.00) | HarjunkoskiMBC14 (119.00) | LombardiMRB10 (115.00) |
| Cosine | BeniniLMR08 (0.88) | BeniniBGM06 (0.83) | RuggieroBBMA09 (0.81) | BeniniLMR11 (0.78) | LombardiMRB10 (0.77) |
| BeniniBGM05a R&C | | | | | |
| Euclid | QuSN06 (0.18) | AngelsmarkJ00 (0.19) | LombardiM13 (0.19) | FortinZDF05 (0.20) | BonfiettiM12 (0.20) |
| Dot | Lombardi10 (67.00) | LombardiMRB10 (63.00) | LaborieRSV18 (61.00) | BeniniBGM05 (61.00) | Malapert11 (59.00) |
| Cosine | BeniniBGM06 (0.80) | NishikawaSTT18 (0.80) | NishikawaSTT18a (0.80) | QuSN06 (0.79) | NishikawaSTT19 (0.79) |
| BeniniBGM06 R&C | Hooker05a (0.67) | CambazardJ05 (0.68) | Hooker04 (0.68) | Hooker05 (0.70) | BeniniBGM05 (0.71) |
| Euclid | BeniniBGM05a (0.24) | BeniniBGM05 (0.24) | BeniniLMR08 (0.25) | BeniniLMMR08 (0.25) | LozanoCDS12 (0.25) |
| Dot | Lombardi10 (114.00) | LombardiMRB10 (106.00) | LaborieRSV18 (99.00) | LombardiM12 (99.00) | RuggieroBBMA09 (99.00) |
| Cosine | BeniniBGM05 (0.83) | RuggieroBBMA09 (0.81) | BeniniBGM05a (0.80) | BeniniLMR08 (0.80) | LombardiMRB10 (0.80) |
| BeniniLMMR08 R&C | BeniniLMR11 (0.62) | BeniniLMR08 (0.67) | CobanH11 (0.71) | BeniniBGM06 (0.72) | CireCH13 (0.73) |
| Euclid | BeniniLMR11 (0.17) | FortinZDF05 (0.23) | BeniniLMR08 (0.24) | Hooker04 (0.24) | CireCH16 (0.25) |
| Dot | Lombardi10 (111.00) | BeniniLMR11 (101.00) | LaborieRSV18 (96.00) | Groleaz21 (93.00) | Hooker05 (92.00) |
| Cosine | BeniniLMR11 (0.92) | Hooker04 (0.80) | BeniniLMR08 (0.80) | Hooker05 (0.79) | BeniniBGM06 (0.79) |
| BeniniLMR08 R&C | BeniniLMMR08 (0.67) | BeniniLMR11 (0.72) | BeniniBGM05 (0.73) | BeniniBGM06 (0.77) | LombardiMRB10 (0.80) |
| Euclid | BeniniBGM05 (0.21) | BeniniLMR11 (0.23) | BeniniLMMR08 (0.24) | BeniniBGM05a (0.24) | BeniniBGM06 (0.25) |
| Dot | Lombardi10 (128.00) | ZarandiASC20 (105.00) | BeniniBGM05 (103.00) | LombardiMRB10 (102.00) | Beck99 (101.00) |
| Cosine | BeniniBGM05 (0.88) | BeniniLMR11 (0.85) | BeniniLMMR08 (0.80) | BeniniBGM06 (0.80) | BeniniBGM05a (0.78) |
| BeniniLMR11 R&C | BeniniLMMR08 (0.62) | BeniniLMR08 (0.72) | BeniniBGM06 (0.77) | CambazardHDJT04 (0.80) | CireCH13 (0.80) |
| Euclid | BeniniLMMR08 (0.17) | BeniniLMR08 (0.23) | Hooker04 (0.27) | BeniniBGM06 (0.27) | EmeretlisTAV17 (0.29) |
| Dot | Lombardi10 (154.00) | Groleaz21 (122.00) | Baptiste02 (121.00) | LombardiM12 (120.00) | Beck99 (120.00) |
| Cosine | BeniniLMMR08 (0.92) | BeniniLMR08 (0.85) | Hooker04 (0.80) | Hooker05 (0.78) | BeniniBGM06 (0.78) |
| BenoistGR02 R&C | Hooker04 (0.77) | EreminW01 (0.79) | CambazardHDJT04 (0.83) | Hooker05a (0.83) | Hooker05 (0.84) |
| Euclid | CambazardJ05 (0.23) | Baptiste09 (0.24) | ZibranR11 (0.24) | Hooker05b (0.25) | HebrardALLCMR22 (0.25) |
| Dot | Froger16 (63.00) | Fahimi16 (59.00) | Godet21a (58.00) | HookerH17 (58.00) | Lombardi10 (56.00) |
| Cosine | HookerOTK00 (0.63) | CorreaLR07 (0.62) | HladikCDJ08 (0.62) | CambazardJ05 (0.62) | Hooker05b (0.61) |
| BensanaLV99 R&C | VerfaillieL01 (0.94) | OddiPCC03 (0.97) | Hooker07 (0.99) | Beck10 (0.99) | PerronSF04 (0.99) |
| Euclid | BandaSC11 (0.23) | SmithBHW96 (0.24) | Davis87 (0.24) | FrostD98 (0.24) | FeldmanG89 (0.24) |
| Dot | Godet21a (52.00) | Lemos21 (44.00) | Dejemeppe16 (42.00) | Siala15a (42.00) | LaborieRSV18 (41.00) |
| Cosine | VerfaillieL01 (0.61) | LiuLH19 (0.60) | BandaSC11 (0.59) | SmithBHW96 (0.54) | OddiPCC03 (0.50) |
| BertholdHLMS10 R&C | HeinzS11 (0.65) | SchuttW10 (0.83) | SchuttFSW11 (0.84) | SchuttFSW13 (0.84) | HeinzSB13 (0.85) |
| Euclid | HookerY02 (0.23) | HeinzS11 (0.23) | Caballero23 (0.25) | BonfiettiM12 (0.26) | LombardiM13 (0.26) |
| Dot | Schutt11 (88.00) | HeinzSB13 (87.00) | Groleaz21 (81.00) | Godet21a (79.00) | Lombardi10 (79.00) |
| Cosine | HeinzS11 (0.79) | SchnellH17 (0.77) | HeinzSB13 (0.77) | HookerY02 (0.74) | ArkhipovBL19 (0.73) |
| BessiereHMQW14 R&C | HoundjiSWD14 (0.90) | PesantRR15 (0.90) | PerronSF04 (0.91) | GayHLS15 (0.94) | HoundjiSW19 (0.95) |
| Euclid | ErtlK91 (0.25) | RoweJCA96 (0.26) | Davis87 (0.26) | LudwigKRBMS14 (0.26) | LiuJ06 (0.27) |
| Dot | Dejemeppe16 (80.00) | Godet21a (78.00) | Malapert11 (75.00) | Siala15a (73.00) | Astrand21 (73.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | ErtlK91 (0.68) | RoweJCA96 (0.66) | Malik08 (0.66) | BockmayrP06 (0.66) | KengY89 (0.66) |
| BhatnagarKL19 R&C | FrimodigS19 (0.75) | GeibingerMM19 (0.86) | | | |
| Euclid | LombardiM13 (0.18) | AgussurjaKL18 (0.20) | BofillCSV17a (0.21) | BonfiettiM12 (0.21) | OddiRC10 (0.22) |
| Dot | ZarandiASC20 (88.00) | Lombardi10 (86.00) | LombardiM12 (83.00) | Dejemeppe16 (83.00) | Baptiste02 (83.00) |
| Cosine | AgussurjaKL18 (0.83) | LombardiM13 (0.83) | BofillCSV17a (0.81) | CampeauG22 (0.80) | LombardiM10 (0.79) |
| BidotVLB07 R&C | | | | | |
| Euclid | OddiS97 (0.24) | BeckW05 (0.24) | FortinZDF05 (0.25) | Muscettola94 (0.25) | DoomsH08 (0.25) |
| Dot | ZarandiASC20 (100.00) | Astrand21 (98.00) | BidotVLB09 (94.00) | Lombardi10 (90.00) | Groleaz21 (90.00) |
| Cosine | BidotVLB09 (0.79) | BeckPS03 (0.76) | Muscettola94 (0.75) | OddiS97 (0.75) | BeckW05 (0.74) |
| BidotVLB09 R&C | Kumar03 (0.91) | CestaOPS14 (0.92) | LombardiM09 (0.92) | SourdN00 (0.93) | Wolf03 (0.93) |
| Euclid | BeckPS03 (0.30) | BidotVLB07 (0.32) | BeckDDF98 (0.34) | BeckW07 (0.34) | NovasH10 (0.35) |
| Dot | ZarandiASC20 (186.00) | Groleaz21 (165.00) | LaborieRSV18 (164.00) | Astrand21 (163.00) | Baptiste02 (162.00) |
| Cosine | BeckPS03 (0.81) | BeckDDF98 (0.80) | BidotVLB07 (0.79) | BeckW07 (0.76) | NovasH10 (0.75) |
| BillautHL12 R&C | GrimesH11 (0.92) | GrimesH10 (0.92) | BriandHHL08 (0.93) | GrimesH15 (0.93) | SialaAH15 (0.94) |
| Euclid | JuvinHL23 (0.27) | DilkinaDH05 (0.28) | ArtiguesBF04 (0.29) | ParkUJR19 (0.29) | Colombani96 (0.29) |
| Dot | Groleaz21 (128.00) | Lunardi20 (123.00) | Malapert11 (121.00) | ZarandiASC20 (117.00) | Baptiste02 (115.00) |
| Cosine | JuvinHL23 (0.76) | ArtiguesBF04 (0.76) | ParkUJR19 (0.75) | Mehdizadeh-Somarin23 (0.74) | GuyonLPR12 (0.74) |
| Bit-Monnot23 R&C | | | | | |
| Euclid | SialaAH15 (0.29) | GrimesHM09 (0.30) | Vilim05 (0.33) | Beck07 (0.33) | MalapertCGJLR13 (0.34) |
| Dot | Siala15a (165.00) | Groleaz21 (158.00) | Godet21a (150.00) | GrimesH15 (149.00) | Dejemeppe16 (146.00) |
| Cosine | SialaAH15 (0.81) | GrimesHM09 (0.79) | MalapertCGJLR12 (0.75) | SchuttFS13 (0.74) | Beck07 (0.74) |
| BlazewiczDP96 R&C | JainM99 (0.66) | DomdorfPH03 (0.80) | DorndorfPH99 (0.88) | ColT22 (0.89) | Dorndorf2000 (0.90) |
| Euclid | JainM99 (0.37) | SourdN00 (0.40) | MenciaSV12 (0.40) | MenciaSV13 (0.40) | BeckF98 (0.41) |
| Dot | ZarandiASC20 (235.00) | Groleaz21 (224.00) | Baptiste02 (222.00) | Dejemeppe16 (209.00) | Astrand21 (194.00) |
| Cosine | JainM99 (0.80) | MenciaSV12 (0.74) | SourdN00 (0.74) | BartakSR10 (0.73) | MenciaSV13 (0.73) |
| BlazewiczEP19 R&C | BaptisteLPN06 (0.99) | LaborieRSV18 (0.99) | HarjunkoskiMBC14 (1.00) | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BlomBPS14 R&C | BlomPS16 (0.54) | AstrandJZ20 (0.93) | CampeauG22 (0.96) | AstrandJZ18 (0.96) | HillBCGN22 (0.98) |
| Euclid | BlomPS16 (0.22) | LudwigKRBMS14 (0.26) | LipovetzkyBPS14 (0.27) | FukunagaHFAMN02 (0.27) | Rit86 (0.27) |
| Dot | HarjunkoskiMBC14 (72.00) | LaborieRSV18 (63.00) | Astrand21 (61.00) | SacramentoSP20 (60.00) | NaderiRR23 (60.00) |
| Cosine | BlomPS16 (0.76) | LipovetzkyBPS14 (0.71) | LudwigKRBMS14 (0.63) | NishikawaSTT18 (0.62) | HoeveGSL07 (0.61) |
| BlomPS16 R&C | BlomBPS14 (0.54) | HillBCGN22 (0.96) | AstrandJZ20 (0.96) | CampeauG22 (0.97) | AstrandJZ18 (0.97) |
| Euclid | BlomBPS14 (0.22) | BeniniBGM05a (0.24) | Rit86 (0.24) | FukunagaHFAMN02 (0.24) | LudwigKRBMS14 (0.25) |
| Dot | HarjunkoskiMBC14 (78.00) | ZarandiASC20 (71.00) | Beck99 (68.00) | Lombardi10 (67.00) | LaborieRSV18 (64.00) |
| Cosine | BlomBPS14 (0.76) | BeniniBGM05a (0.67) | NishikawaSTT19 (0.66) | BridiLBBM16 (0.65) | HoeveGSL07 (0.64) |
| BocewiczBB09 R&C | | | | | |
| Euclid | Salido10 (0.25) | LudwigKRBMS14 (0.27) | WolinskiKG04 (0.27) | ValleMGT03 (0.27) | KengY89 (0.27) |
| Dot | ZarandiASC20 (107.00) | Groleaz21 (95.00) | Astrand21 (95.00) | Lombardi10 (94.00) | Malapert11 (94.00) |
| Cosine | Salido10 (0.75) | ValleMGT03 (0.71) | KorbaaYG99 (0.70) | KengY89 (0.69) | WolinskiKG04 (0.69) |
| BockmayrK98 R&C | RodosekWH99 (0.80) | HookerO99 (0.82) | JainG01 (0.88) | EreminW01 (0.89) | Simonis99 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BockmayrP06 R&C | HookerY02 (0.79) | SadykovW06 (0.82) | RoePS05 (0.84) | CireCH13 (0.87) | CambazardJ05 (0.87) |
| Euclid | WolfS05 (0.20) | Limtanyakul07 (0.21) | MurphyMB15 (0.22) | PoderBS04 (0.22) | BeldiceanuP07 (0.22) |
| Dot | Dejemeppe16 (84.00) | Simonis07 (82.00) | Lombardi10 (81.00) | Groleaz21 (81.00) | Baptiste02 (81.00) |
| Cosine | WolfS05 (0.81) | PoderBS04 (0.79) | Colombani96 (0.79) | Limtanyakul07 (0.77) | MurphyMB15 (0.77) |
| BofillCGGPSV23 R&C | | | | | |
| Euclid | Baptiste09 (0.18) | CarchraeBF05 (0.19) | PesantRR15 (0.19) | Hunsberger08 (0.20) | AngelsmarkJ00 (0.20) |
| Dot | GeibingerMM19 (43.00) | abs-1911-04766 (43.00) | KoehlerBFFHPSSS21 (41.00) | ColT22 (40.00) | Lemos21 (40.00) |
| Cosine | PesantRR15 (0.72) | BofillEGPSV14 (0.69) | Baptiste09 (0.68) | BofillGSV15 (0.64) | ZhuS02 (0.63) |
| BofillCSV17 R&C | BofillCSV17a (0.86) | GeibingerMM19 (0.89) | LombardiM13 (0.92) | LombardiM12a (0.92) | LiessM08 (0.92) |
| Euclid | BofillCSV17a (0.17) | LombardiM12a (0.19) | LombardiM13 (0.20) | OddiRC10 (0.22) | BhatnagarKL19 (0.23) |
| Dot | Caballero19 (111.00) | Schutt11 (107.00) | Godet21a (102.00) | Baptiste02 (100.00) | Lombardi10 (98.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | BofillCSV17a (0.88) | LombardiM12a (0.87) | LombardiM13 (0.84) | SchnellH15 (0.84) | SzerediS16 (0.81) |
| BofillCSV17a R&C | BofillCSV17 (0.86) | Kumar03 (0.90) | SzerediS16 (0.93) | SchnellH15 (0.93) | VilimLS15 (0.97) |
| Euclid | BofillCSV17 (0.17) | LombardiM13 (0.19) | LombardiM12a (0.20) | BhatnagarKL19 (0.21) | LiessM08 (0.21) |
| Dot | Schutt11 (111.00) | Caballero19 (104.00) | Godet21a (102.00) | Lombardi10 (102.00) | Dejemeppe16 (100.00) |
| Cosine | BofillCSV17 (0.88) | LombardiM13 (0.85) | LombardiM12a (0.85) | LiessM08 (0.85) | YoungFS17 (0.82) |
| BofillEGPSV14 R&C | PesantRR15 (0.75) | BofillGSV15 (0.79) | SzerediS16 (0.92) | KelarevaTK13 (0.92) | KreterSS15 (0.92) |
| Euclid | BofillCGGPSV23 (0.24) | BofillGSV15 (0.24) | FeldmanG89 (0.27) | GelainPRVW17 (0.28) | FrostD98 (0.28) |
| Dot | Caballero19 (61.00) | Godet21a (60.00) | KoehlerBFFHPSSS21 (59.00) | ColT22 (59.00) | Lemos21 (58.00) |
| Cosine | BofillCGGPSV23 (0.69) | BofillGSV15 (0.69) | FeldmanG89 (0.60) | GelainPRVW17 (0.60) | LiuCGM17 (0.59) |
| BofillGSV15 R&C | BofillEGPSV14 (0.79) | PesantRR15 (0.81) | | | |
| Euclid | Baptiste09 (0.19) | ZibranR11 (0.20) | CarchraeBF05 (0.20) | Perron05 (0.21) | BofillCGGPSV23 (0.21) |
| Dot | Lemos21 (48.00) | KanetAG04 (45.00) | Malapert11 (44.00) | Siala15a (44.00) | Fahimi16 (43.00) |
| Cosine | BofillEGPSV14 (0.69) | ZibranR11 (0.66) | Baptiste09 (0.65) | ZhangLS12 (0.64) | BofillCGGPSV23 (0.64) |
| BogaerdtW19 R&C | Hooker17 (0.78) | HamdiL13 (0.93) | GroleazNS20 (0.95) | GroleazNS20a (0.95) | OddiPCC03 (0.95) |
| Euclid | BenediktSMVH18 (0.28) | Hooker17 (0.30) | SmithC93 (0.30) | Jans09 (0.30) | HebrardTW05 (0.30) |
| Dot | Groleaz21 (104.00) | ZarandiASC20 (101.00) | Baptiste02 (96.00) | Lunardi20 (93.00) | PrataAN23 (91.00) |
| Cosine | GomesM17 (0.71) | AlfieriGPS23 (0.70) | PenzDN23 (0.70) | NattafM20 (0.67) | BillautHL12 (0.67) |
| Bonfietti16 R&C | BonfiettiLBM11 (0.91) | BonfiettiLBM12 (0.93) | BonfiettiLBM14 (0.94) | LombardiBMB11 (0.97) | BeniniLMR11 (0.97) |
| Euclid | BeniniBGM05a (0.21) | BonfiettiM12 (0.22) | BonfiettiLBM11 (0.22) | LombardiM13 (0.23) | Rit86 (0.23) |
| Dot | Lombardi10 (81.00) | Fahimi16 (76.00) | LaborieRSV18 (74.00) | Godet21a (73.00) | Schutt11 (73.00) |
| Cosine | BonfiettiLBM11 (0.78) | SimoninAHL12 (0.76) | BeniniBGM05a (0.75) | BeniniLMR08 (0.75) | LombardiBMB11 (0.74) |
| BonfiettiLBM11 R&C | LombardiBMB11 (0.60) | BonfiettiLBM12 (0.76) | BonfiettiLBM14 (0.79) | Bonfietti16 (0.91) | Muscettola02 (0.94) |
| Euclid | LombardiBMB11 (0.17) | BonfiettiM12 (0.18) | BonfiettiLBM12 (0.19) | Bonfietti16 (0.22) | BonfiettiLM13 (0.23) |
| Dot | BonfiettiLBM14 (97.00) | Dejemeppe16 (88.00) | Lombardi10 (88.00) | Schutt11 (88.00) | Astrand21 (87.00) |
| Cosine | LombardiBMB11 (0.90) | BonfiettiM12 (0.87) | BonfiettiLBM12 (0.86) | BonfiettiLBM14 (0.85) | BonfiettiLM13 (0.80) |
| BonfiettiLBM12 R&C | BonfiettiLBM11 (0.76) | BonfiettiLBM14 (0.81) | BeniniLMR08 (0.89) | LombardiBMB11 (0.92) | Davenport10 (0.92) |
| Euclid | BonfiettiLM13 (0.19) | BonfiettiLBM11 (0.19) | LombardiBMB11 (0.20) | BonfiettiM12 (0.24) | BonfiettiZLM16 (0.25) |
| Dot | BonfiettiLBM14 (104.00) | Lombardi10 (99.00) | Fahimi16 (96.00) | Godet21a (95.00) | Groleaz21 (95.00) |
| Cosine | BonfiettiLM13 (0.87) | LombardiBMB11 (0.86) | BonfiettiLBM11 (0.86) | BonfiettiLBM14 (0.85) | BonfiettiZLM16 (0.79) |
| BonfiettiLBM14 R&C | BonfiettiLBM11 (0.79) | BonfiettiLBM12 (0.81) | BonfiettiLM13 (0.89) | LombardiBMB11 (0.89) | OzturkTHO15 (0.94) |
| Euclid | BonfiettiLBM11 (0.26) | BonfiettiLBM12 (0.26) | LombardiBMB11 (0.27) | BonfiettiLM13 (0.29) | BonfiettiZLM16 (0.29) |
| Dot | Lombardi10 (152.00) | Dejemeppe16 (146.00) | Fahimi16 (142.00) | Godet21a (141.00) | Schutt11 (141.00) |
| Cosine | BonfiettiLBM11 (0.85) | BonfiettiLBM12 (0.85) | LombardiBMB11 (0.82) | BonfiettiLM13 (0.79) | BonfiettiZLM16 (0.79) |
| BonfiettiLM13 R&C | BonfiettiLBM14 (0.89) | LetortBC12 (0.95) | Vilim04 (0.96) | MercierH08 (0.97) | |
| Euclid | BonfiettiLBM12 (0.19) | LombardiBMB11 (0.22) | LombardiM13 (0.23) | BonfiettiM12 (0.23) | BonfiettiLBM11 (0.23) |
| Dot | Lombardi10 (101.00) | Groleaz21 (98.00) | BonfiettiLBM14 (97.00) | Godet21a (94.00) | LaborieRSV18 (91.00) |
| Cosine | BonfiettiLBM12 (0.87) | LombardiBMB11 (0.84) | BonfiettiM12 (0.80) | BonfiettiLBM11 (0.80) | LombardiM13 (0.79) |
| BonfiettiLM14 R&C | LombardiMB13 (0.89) | LombardiBM15 (0.90) | WuBB09 (0.92) | LombardiBMB11 (0.92) | LombardiM13 (0.92) |
| Euclid | LombardiBM15 (0.18) | BeckW04 (0.25) | LombardiM12a (0.26) | CestaOF99 (0.27) | FortinZDF05 (0.27) |
| Dot | Lombardi10 (114.00) | ZarandiASC20 (113.00) | LaborieRSV18 (111.00) | Beck99 (111.00) | Groleaz21 (110.00) |
| Cosine | LombardiBM15 (0.89) | BeckW07 (0.79) | BeckW04 (0.79) | LombardiM12a (0.78) | CestaOF99 (0.77) |
| BonfiettiM12 R&C | | | | | |
| Euclid | KovacsEKV05 (0.17) | Caballero23 (0.17) | CestaOS98 (0.18) | BonfiettiLBM11 (0.18) | LombardiM13 (0.18) |
| Dot | BonfiettiLBM14 (60.00) | Lombardi10 (56.00) | Schutt11 (56.00) | LaborieRSV18 (55.00) | Fahimi16 (55.00) |
| Cosine | BonfiettiLBM11 (0.87) | BonfiettiLM13 (0.80) | BonfiettiLBM12 (0.78) | LombardiBMB11 (0.76) | LombardiM13 (0.75) |
| BonfiettiZLM16 R&C | OuelletQ13 (0.84) | LetortCB13 (0.86) | Vilim09 (0.87) | Vilim09a (0.87) | KameugneF13 (0.87) |
| Euclid | BonfiettiLBM12 (0.25) | BonfiettiLM13 (0.26) | LombardiBMB11 (0.26) | SimoninAHL12 (0.27) | BonfiettiLBM11 (0.27) |
| Dot | Lombardi10 (105.00) | Schutt11 (102.00) | BonfiettiLBM14 (102.00) | Godet21a (96.00) | Fahimi16 (96.00) |
| Cosine | BonfiettiLBM14 (0.79) | BonfiettiLBM12 (0.79) | LombardiBMB11 (0.77) | BonfiettiLM13 (0.77) | DerrienPZ14 (0.75) |
| BonninMNE24 R&C | | | | | |
| Euclid | KovacsB11 (0.35) | BartakSR08 (0.36) | HeipckeCCS00 (0.36) | OzturkTHO12 (0.36) | SourdN00 (0.37) |
| Dot | Baptiste02 (190.00) | Groleaz21 (180.00) | Malapert11 (177.00) | ZarandiASC20 (170.00) | Dejemeppe16 (166.00) |
| Cosine | KovacsB11 (0.77) | BartakSR08 (0.76) | SourdN00 (0.74) | HeipckeCCS00 (0.74) | OzturkTHO12 (0.74) |
| BoothNB16 R&C | BoothTNB16 (0.85) | Laborie18a (0.92) | GilesH16 (0.92) | KovacsV04 (0.93) | LaborieRSV18 (0.93) |
| Euclid | TranVNB17 (0.19) | TranVNB17a (0.19) | NishikawaSTT19 (0.23) | NishikawaSTT18a (0.23) | NishikawaSTT18 (0.23) |
| Dot | LaborieRSV18 (99.00) | Lombardi10 (94.00) | Astrand21 (93.00) | Beck99 (93.00) | Dejemeppe16 (92.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | TranVNB17 (0.88) | TranVNB17a (0.84) | NishikawaSTT19 (0.81) | NishikawaSTT18a (0.79) | BoothTNB16 (0.79) |
| BoothTNB16 R&C | BoothNB16 (0.85) | Laborie18a (0.87) | GilesH16 (0.89) | LouieVNB14 (0.91) | BeckF00 (0.93) |
| Euclid | BoothNB16 (0.25) | TranVNB17a (0.25) | BockmayrP06 (0.29) | TranVNB17 (0.30) | CauwelaertDMS16 (0.30) |
| Dot | Astrand21 (115.00) | LaborieRSV18 (112.00) | Dejemeppe16 (112.00) | Groleaz21 (112.00) | Lunardi20 (111.00) |
| Cosine | BoothNB16 (0.79) | TranVNB17a (0.78) | Ham18a (0.73) | TranVNB17 (0.72) | MurinR19 (0.71) |
| BorghesiBLMB18 R&C | BartoliniBBLM14 (0.92) | GalleguillosKSB19 (0.94) | BridiBLMB16 (0.95) | GilesH16 (0.96) | MelgarejoLS15 (0.97) |
| Euclid | BridiBLMB16 (0.28) | GalleguillosKSB19 (0.30) | HurleyOS16 (0.30) | AstrandJZ18 (0.30) | HeipckeCCS00 (0.31) |
| Dot | Groleaz21 (115.00) | Dejemeppe16 (114.00) | Lombardi10 (114.00) | Godet21a (113.00) | ZarandiASC20 (112.00) |
| Cosine | BridiBLMB16 (0.80) | GalleguillosKSB19 (0.74) | HurleyOS16 (0.74) | AstrandJZ18 (0.73) | HeipckeCCS00 (0.73) |
| BosiM2001 R&C | Simonis07 (0.86) | Simonis99 (0.87) | Simonis95a (0.88) | SimonisCK00 (0.88) | Goltz95 (0.89) |
| Euclid | Goltz95 (0.34) | WikarekS19 (0.34) | KovacsV04 (0.37) | Colombani96 (0.37) | KovacsV06 (0.37) |
| Dot | Baptiste02 (164.00) | ZarandiASC20 (152.00) | Beck99 (150.00) | Malapert11 (149.00) | Groleaz21 (147.00) |
| Cosine | WikarekS19 (0.75) | Goltz95 (0.74) | KovacsV04 (0.70) | Colombani96 (0.70) | KhayatLR06 (0.69) |
| BoucherBVBL97 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BoudreaultSLQ22 R&C | | | | | |
| Euclid | YoungFS17 (0.31) | SzerediS16 (0.34) | LiessM08 (0.35) | PovedaAA23 (0.36) | abs-1009-0347 (0.36) |
| Dot | Godet21a (184.00) | Dejemeppe16 (166.00) | Schutt11 (166.00) | Caballero19 (155.00) | Lombardi10 (154.00) |
| Cosine | YoungFS17 (0.81) | SzerediS16 (0.77) | PovedaAA23 (0.77) | LiessM08 (0.74) | SchuttFSW11 (0.74) |
| BourdaisGP03 R&C | WeilHFP95 (0.88) | OzturkTHO12 (0.94) | ZeballosQH10 (0.95) | Simonis07 (0.95) | NovasH12 (0.96) |
| Euclid | abs-1902-01193 (0.23) | HoYCLLCLC18 (0.23) | PesantGPR99 (0.24) | BandaSC11 (0.25) | AngelsmarkJ00 (0.25) |
| Dot | Dejemeppe16 (74.00) | Simonis07 (66.00) | ZarandiASC20 (66.00) | HookerH17 (64.00) | Beck99 (64.00) |
| Cosine | abs-1902-01193 (0.73) | HoYCLLCLC18 (0.70) | PesantGPR99 (0.69) | NishikawaSTT18a (0.68) | WeilHFP95 (0.67) |
| BourreauGGLT22 R&C | KizilayC20 (0.93) | YunusogluY22 (0.96) | NaderiBZR23 (0.96) | RendlPHPR12 (0.97) | GokgurHO18 (0.97) |
| Euclid | Puget95 (0.35) | KletzanderMH21 (0.35) | MelgarejoLS15 (0.36) | MouraSCL08a (0.36) | NishikawaSTT18 (0.37) |
| Dot | Malapert11 (118.00) | Groleaz21 (110.00) | Astrand21 (105.00) | Froger16 (104.00) | Lunardi20 (102.00) |
| Cosine | Wallace06 (0.65) | MelgarejoLS15 (0.63) | KletzanderMH21 (0.62) | MouraSCL08a (0.61) | EreminW01 (0.61) |
| BreitingerL95 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BriandHHL08 R&C | LiuGT10 (0.84) | GrimesHM09 (0.85) | TanSD10 (0.88) | EsquirolLH2008 (0.88) | GrimesH10 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| BridiBLMB16 R&C | BartoliniBBLM14 (0.90) | NishikawaSTT18a (0.94) | NishikawaSTT19 (0.95) | BorghesiBLMB18 (0.95) | BaptisteLPN06 (0.96) |
| Euclid | BorghesiBLMB18 (0.28) | BartoliniBBLM14 (0.31) | GalleguillosKSB19 (0.31) | AalianPG23 (0.33) | KhemmoudjPB06 (0.34) |
| Dot | Lombardi10 (128.00) | Dejemeppe16 (126.00) | ZarandiASC20 (124.00) | Groleaz21 (119.00) | Astrand21 (115.00) |
| Cosine | BorghesiBLMB18 (0.80) | BartoliniBBLM14 (0.72) | GalleguillosKSB19 (0.71) | AalianPG23 (0.71) | HentenryckM04 (0.67) |
| BridiLBBM16 R&C | | | | | |
| Euclid | CrawfordB94 (0.21) | LuoVLBM16 (0.22) | FukunagaHFAMN02 (0.22) | WallaceF00 (0.23) | BonfiettiM12 (0.23) |
| Dot | ZarandiASC20 (70.00) | Lombardi10 (69.00) | Beck99 (69.00) | Godet21a (67.00) | TerekhovTDB14 (65.00) |
| Cosine | CrawfordB94 (0.74) | LuoVLBM16 (0.73) | TranPZLDB18 (0.72) | BeckW04 (0.72) | BorghesiBLMB18 (0.70) |
| BruckerK00 R&C | DemasseyAM05 (0.73) | LiessM08 (0.80) | ElkhyariGJ02a (0.84) | ElkhyariGJ02 (0.86) | BaptisteP97 (0.89) |
| Euclid | BofillCSV17 (0.24) | BofillCSV17a (0.25) | LombardiM13 (0.27) | LombardiM12a (0.29) | LombardiM09 (0.29) |
| Dot | Groleaz21 (107.00) | Baptiste02 (107.00) | Schutt11 (106.00) | Godet21a (105.00) | Polo-MejiaALB20 (102.00) |
| Cosine | BofillCSV17 (0.80) | BofillCSV17a (0.78) | LombardiM13 (0.75) | Polo-MejiaALB20 (0.73) | LombardiM12a (0.73) |
| BrusoniCLMMT96 R&C | Goltz95 (0.88) | BeldiceanuC94 (0.88) | AngelsmarkJ00 (0.89) | Simonis95a (0.90) | Muscettola02 (0.92) |
| Euclid | LammaMM97 (0.23) | Bartak02 (0.26) | Rit86 (0.27) | Junker00 (0.28) | LudwigKRBMS14 (0.30) |
| Dot | ZarandiASC20 (97.00) | LammaMM97 (90.00) | Baptiste02 (89.00) | Malapert11 (88.00) | Beck99 (85.00) |
| Cosine | LammaMM97 (0.83) | Bartak02 (0.75) | FoxS90 (0.70) | Junker00 (0.69) | Rit86 (0.67) |
| BukchinR18 R&C | TopaloglusS12 (0.80) | PinarbasiAY19 (0.86) | AlakaPY19 (0.88) | PinarbasiA20 (0.90) | KizilayC20 (0.91) |
| Euclid | AlakaPY19 (0.24) | NishikawaSTT18 (0.25) | LozanoCDS12 (0.25) | NishikawaSTT18a (0.26) | AkramNHRSA23 (0.26) |
| Dot | Groleaz21 (91.00) | Malapert11 (87.00) | Lunardi20 (84.00) | Astrand21 (83.00) | ZarandiASC20 (82.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | NishikawaSTT18 (0.75) | HeipckeCCS00 (0.74) | Ham20a (0.74) | AlakaPY19 (0.74) | NishikawaSTT18a (0.72) |
| BulckG22 R&C | Ribeiro12 (0.89) | SuCC13 (0.91) | RasmussenT07 (0.93) | NaqviAIAAA22 (0.93) | RasmussenT06 (0.94) |
| Euclid | RasmussenT06 (0.21) | EastonNT02 (0.21) | RasmussenT09 (0.24) | NaqviAIAAA22 (0.25) | Perron05 (0.26) |
| Dot | RasmussenT09 (68.00) | ZarandiASC20 (65.00) | Lemos21 (65.00) | Froger16 (61.00) | RasmussenT06 (58.00) |
| Cosine | RasmussenT06 (0.80) | EastonNT02 (0.78) | RasmussenT09 (0.78) | NaqviAIAAA22 (0.72) | LarsonJC14 (0.66) |
| BurtLPS15 R&C | KelarevaTK13 (0.94) | BofillEGPSV14 (0.94) | ColT19 (0.95) | Mercier-AubinGQ20 (0.95) | SzerediS16 (0.95) |
| Euclid | KovacsV06 (0.29) | HeipckeCCS00 (0.30) | LozanoCDS12 (0.30) | LipovetzkyBPS14 (0.31) | BockmayrP06 (0.31) |
| Dot | Groleaz21 (132.00) | Astrand21 (122.00) | Dejemeppe16 (117.00) | Fahimi16 (117.00) | Lombardi10 (116.00) |
| Cosine | KovacsV06 (0.74) | HeipckeCCS00 (0.74) | LipovetzkyBPS14 (0.71) | LozanoCDS12 (0.71) | CarchraeB09 (0.71) |
| Caballero19 R&C | | | | | |
| Euclid | SchuttFS13a (0.37) | abs-1009-0347 (0.37) | SchuttFSW13 (0.38) | SchuttFSW11 (0.40) | SchnellH15 (0.40) |
| Dot | Schutt11 (213.00) | Godet21a (208.00) | Lombardi10 (199.00) | Dejemeppe16 (194.00) | Baptiste02 (192.00) |
| Cosine | SchuttFS13a (0.79) | abs-1009-0347 (0.79) | SchuttFSW13 (0.77) | SchuttFSW11 (0.76) | BofillCSV17 (0.75) |
| Caballero23 R&C | | | | | |
| Euclid | Baptiste09 (0.12) | KovacsEKV05 (0.13) | CestaOS98 (0.13) | CarchraeBF05 (0.14) | AngelsmarkJ00 (0.15) |
| Dot | PovedaAA23 (30.00) | HillTV21 (30.00) | HeinzSB13 (30.00) | LombardiM12 (30.00) | SubulanC22 (30.00) |
| Cosine | LombardiM13 (0.78) | Baptiste09 (0.75) | KovacsEKV05 (0.74) | CestaOS98 (0.72) | BhatnagarKL19 (0.71) |
| CambazardHDJT04 R&C | Hooker04 (0.68) | Hooker05a (0.70) | HladikCDJ08 (0.70) | CambazardJ05 (0.71) | Hooker05 (0.75) |
| Euclid | HladikCDJ08 (0.20) | BeniniLMR08 (0.29) | AkramNHRSA23 (0.30) | EmeretlisTAV17 (0.31) | NishikawaSTT19 (0.31) |
| Dot | Lombardi10 (124.00) | ZarandiASC20 (112.00) | HladikCDJ08 (112.00) | Godet21a (106.00) | Groleaz21 (106.00) |
| Cosine | HladikCDJ08 (0.89) | BeniniLMR08 (0.74) | EmeretlisTAV17 (0.73) | AlesioBNG15 (0.71) | BeniniBGM05 (0.71) |
| CambazardJ05 R&C | Hooker05a (0.58) | Hooker05 (0.63) | BeniniBGM06 (0.68) | Hooker04 (0.68) | CambazardHDJT04 (0.71) |
| Euclid | Vilim03 (0.20) | Baptiste09 (0.21) | AbrilSB05 (0.23) | BenoistGR02 (0.23) | Hooker05b (0.23) |
| Dot | HookerH17 (45.00) | Lombardi10 (45.00) | HladikCDJ08 (44.00) | Hooker05 (43.00) | Froger16 (41.00) |
| Cosine | CambazardHDJT04 (0.63) | HladikCDJ08 (0.62) | BenoistGR02 (0.62) | Hooker05b (0.62) | BeniniLMMR08 (0.61) |
| CampeauG22 R&C | AstrandJZ20 (0.89) | EdwardsBSE19 (0.94) | HauderBRPA20 (0.94) | GuSW12 (0.95) | SchnellH15 (0.95) |
| Euclid | BhatnagarKL19 (0.24) | BofillCSV17a (0.26) | LombardiM09 (0.26) | LombardiM10 (0.26) | NishikawaSTT18a (0.27) |
| Dot | Lombardi10 (120.00) | LaborieRSV18 (119.00) | Groleaz21 (115.00) | Schutt11 (113.00) | Astrand21 (109.00) |
| Cosine | BhatnagarKL19 (0.80) | BofillCSV17a (0.78) | LombardiM10 (0.78) | LombardiM09 (0.78) | NishikawaSTT18a (0.76) |
| CappartS17 R&C | GilesH16 (0.72) | FrankDT16 (0.83) | TangB20 (0.88) | LaborieR14 (0.89) | GedikKBR17 (0.91) |
| Euclid | Rodriguez07b (0.29) | RodriguezS09 (0.29) | RodriguezDG02 (0.30) | MorgadoM97 (0.30) | BidotVLB07 (0.31) |
| Dot | ZarandiASC20 (116.00) | Dejemeppe16 (108.00) | Groleaz21 (107.00) | LaborieRSV18 (106.00) | Lombardi10 (106.00) |
| Cosine | Rodriguez07b (0.75) | RodriguezS09 (0.75) | MorgadoM97 (0.72) | MarliereSPR23 (0.71) | Rodriguez07 (0.70) |
| CappartTSR18 R&C | CauwelaertLS18 (0.82) | DejemeppeCS15 (0.82) | ThomasKS20 (0.85) | GayHLS15 (0.87) | Laborie18a (0.89) |
| Euclid | ThomasKS20 (0.22) | GoelSHFS15 (0.33) | DejemeppeD14 (0.33) | ZibranR11a (0.33) | BoothNB16 (0.34) |
| Dot | Dejemeppe16 (116.00) | LaborieRSV18 (111.00) | Groleaz21 (101.00) | Lombardi10 (96.00) | ColT22 (95.00) |
| Cosine | ThomasKS20 (0.86) | GoelSHFS15 (0.71) | DejemeppeD14 (0.68) | TranVNB17 (0.65) | GaySS14 (0.65) |
| CarchraeB09 R&C | PerronSF04 (0.79) | BeckFW11 (0.80) | GrimesH15 (0.81) | DannaP03 (0.84) | SchausHMCMD11 (0.86) |
| Euclid | WatsonB08 (0.23) | BeckFW11 (0.23) | Beck06 (0.23) | FontaineMH16 (0.26) | KovacsV06 (0.26) |
| Dot | Dejemeppe16 (129.00) | LaborieRSV18 (126.00) | Groleaz21 (126.00) | ColT22 (119.00) | GrimesH15 (119.00) |
| Cosine | BeckFW11 (0.85) | WatsonB08 (0.85) | Beck06 (0.83) | FontaineMH16 (0.81) | KovacsV06 (0.80) |
| CarchraeBF05 R&C | | | | | |
| Euclid | Baptiste09 (0.09) | AngelsmarkJ00 (0.10) | LiuJ06 (0.13) | FrostD98 (0.13) | Caballero23 (0.14) |
| Dot | LombardiBM15 (22.00) | Astrand0F21 (22.00) | Astrand21 (22.00) | JuvinHHL23 (21.00) | PovedaAA23 (21.00) |
| Cosine | AngelsmarkJ00 (0.80) | Baptiste09 (0.76) | LiuJ06 (0.72) | FortinZDF05 (0.71) | Hunsberger08 (0.69) |
| CarlierPSJ20 R&C | CarlierSJP21 (0.67) | Tesch18 (0.70) | OuelletQ18 (0.71) | ArkhipovBL19 (0.80) | YangSS19 (0.82) |
| Euclid | HanenKP21 (0.22) | Caseau97 (0.26) | ArtiguesL14 (0.27) | NattafAL15 (0.27) | Limtanyakul07 (0.27) |
| Dot | Baptiste02 (111.00) | Lombardi10 (107.00) | HanenKP21 (102.00) | Fahimi16 (102.00) | BaptistePN99 (102.00) |
| Cosine | HanenKP21 (0.87) | BaptistePN99 (0.79) | NattafAL15 (0.77) | Tesch18 (0.77) | ArtiguesL14 (0.76) |
| CarlierSJP21 R&C | CarlierPSJ20 (0.67) | Tesch16 (0.76) | FahimiOQ18 (0.78) | EdwardsBSE19 (0.79) | OuelletQ18 (0.79) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| CarlssonJL17 R&C | LarsonJC14 (0.64) | SuCC13 (0.74) | RasmussenT06 (0.77) | ZengM12 (0.80) | RasmussenT09 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | | | | | |
| CarlssonKA99 R&C | ArtiguesBF04 (0.83) | BeckF00a (0.85) | BeckDF97 (0.87) | Colombani96 (0.88) | Wolf03 (0.90) |
| Euclid | LiuJ06 (0.23) | KengY89 (0.23) | LudwigKRBMS14 (0.24) | FoxAS82 (0.25) | CrawfordB94 (0.25) |
| Dot | Malapert11 (90.00) | ZarandiASC20 (87.00) | Groleaz21 (87.00) | Lunardi20 (86.00) | Dejemeppe16 (84.00) |
| Cosine | KengY89 (0.73) | DraperJCJ99 (0.71) | LiuJ06 (0.70) | LudwigKRBMS14 (0.68) | BockmayrP06 (0.68) |
| Caseau97 R&C | | | | | |
| Euclid | AngelsmarkJ00 (0.18) | Puget95 (0.20) | CrawfordB94 (0.20) | WolfS05 (0.21) | Rit86 (0.21) |
| Dot | Dejemeppe16 (77.00) | Fahimi16 (75.00) | Beck99 (75.00) | Baptiste02 (74.00) | FahimiOQ18 (73.00) |
| Cosine | KovacsV04 (0.78) | AngelsmarkJ00 (0.78) | KovacsV06 (0.77) | WolfS05 (0.77) | HeipckeCCS00 (0.76) |
| CastroGR10 R&C | JainG01 (0.81) | HookerH17 (0.88) | CobanH11 (0.88) | Hooker06a (0.89) | CobanH10 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| CatusseCBL16 R&C | | | | | |
| Euclid | BockmayrP06 (0.25) | Sadykov04 (0.26) | BenediktSMVH18 (0.26) | Limtanyakul07 (0.26) | Colombani96 (0.27) |
| Dot | Groleaz21 (97.00) | ZarandiASC20 (86.00) | MilanoW06 (84.00) | Baptiste02 (83.00) | MilanoW09 (82.00) |
| Cosine | Colombani96 (0.73) | JainG01 (0.72) | BockmayrP06 (0.72) | Sadykov04 (0.70) | BenediktSMVH18 (0.70) |
| CauwelaertDMS16 R&C | CauwelaertDS20 (0.67) | DejemeppeCS15 (0.74) | GrimesH15 (0.85) | GrimesH10 (0.87) | MurinR19 (0.88) |
| Euclid | CauwelaertDS20 (0.17) | DejemeppeCS15 (0.19) | VilimBC04 (0.20) | VilimBC05 (0.21) | Vilim04 (0.21) |
| Dot | Dejemeppe16 (131.00) | Baptiste02 (129.00) | Malapert11 (124.00) | Fahimi16 (123.00) | Schutt11 (117.00) |
| Cosine | CauwelaertDS20 (0.93) | DejemeppeCS15 (0.91) | VilimBC05 (0.87) | VilimBC04 (0.86) | Vilim04 (0.84) |
| CauwelaertDS20 R&C | CauwelaertDMS16 (0.67) | DejemeppeCS15 (0.75) | SchuttS16 (0.80) | WolfS05a (0.82) | MurinR19 (0.86) |
| Euclid | CauwelaertDMS16 (0.17) | DejemeppeCS15 (0.19) | VilimBC05 (0.21) | Vilim04 (0.25) | VilimBC04 (0.25) |
| Dot | Dejemeppe16 (170.00) | Malapert11 (157.00) | Baptiste02 (157.00) | Fahimi16 (151.00) | Schutt11 (146.00) |
| Cosine | CauwelaertDMS16 (0.93) | DejemeppeCS15 (0.91) | VilimBC05 (0.89) | Vilim04 (0.86) | VilimBC04 (0.84) |
| CauwelaertLS15 R&C | GayHLS15 (0.81) | DejemeppeCS15 (0.82) | HoundjiSWD14 (0.82) | GaySS14 (0.84) | SimonisH11 (0.87) |
| Euclid | CauwelaertLS18 (0.23) | BandaSC11 (0.26) | WolfS05 (0.27) | OuelletQ18 (0.28) | DerrienP14 (0.28) |
| Dot | CauwelaertLS18 (86.00) | Lombardi10 (82.00) | Godet21a (81.00) | Schutt11 (80.00) | Fahimi16 (77.00) |
| Cosine | CauwelaertLS18 (0.86) | ClautiauxJCM08 (0.73) | OuelletQ18 (0.73) | HeinzS11 (0.70) | LetortCB13 (0.69) |
| CauwelaertLS18 R&C | CappartTSR18 (0.82) | KameugneFGOQ18 (0.86) | GayHS15a (0.88) | FetgoD22 (0.90) | OuelletQ18 (0.91) |
| Euclid | CauwelaertLS15 (0.23) | Vilim11 (0.32) | GayHS15a (0.32) | OuelletQ18 (0.33) | HeinzS11 (0.33) |
| Dot | Malapert11 (135.00) | Schutt11 (135.00) | Dejemeppe16 (130.00) | Fahimi16 (129.00) | Lombardi10 (127.00) |
| Cosine | CauwelaertLS15 (0.86) | GayHS15a (0.72) | ClautiauxJCM08 (0.71) | Vilim11 (0.71) | OuelletQ18 (0.70) |
| CestaOF99 R&C | | | | | |
| Euclid | OddiRC10 (0.23) | CestaOS00 (0.23) | LombardiM12a (0.24) | LombardiM10 (0.24) | SadehF96 (0.26) |
| Dot | Dejemeppe16 (123.00) | Lombardi10 (123.00) | Groleaz21 (123.00) | Baptiste02 (123.00) | Godet21a (120.00) |
| Cosine | CestaOS00 (0.83) | OddiRC10 (0.83) | SadehF96 (0.82) | LombardiM12a (0.82) | LombardiM10 (0.81) |
| CestaOPS14 R&C | CarchraeB09 (0.86) | OddiPCC05 (0.86) | LombardiM13 (0.87) | LombardiM12a (0.87) | LombardiMB13 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| CestaOS00 R&C | | | | | |
| Euclid | CestaOF99 (0.23) | BeckDSF97a (0.25) | OddiS97 (0.26) | Muscettola94 (0.27) | GodardLN05 (0.27) |
| Dot | ZarandiASC20 (108.00) | Baptiste02 (108.00) | Godet21a (107.00) | Dejemeppe16 (103.00) | Beck99 (103.00) |
| Cosine | CestaOF99 (0.83) | SadehF96 (0.80) | BeckDSF97a (0.79) | OddiRCS11 (0.77) | GodardLN05 (0.77) |
| CestaOS98 R&C | LombardiM09 (0.83) | BartakCS10 (0.86) | LombardiM10a (0.92) | BeldiceanuCDP11 (0.92) | CobanH10 (0.93) |
| Euclid | KovacsEKV05 (0.12) | WuBB05 (0.13) | Caballero23 (0.13) | Baptiste09 (0.14) | AngelsmarkJ00 (0.14) |
| Dot | ZarandiASC20 (27.00) | SadehF96 (27.00) | BartakSR10 (27.00) | BeckF98 (27.00) | Dejemeppe16 (26.00) |
| Cosine | KovacsEKV05 (0.74) | Caballero23 (0.72) | Maillard15 (0.70) | WuBB05 (0.69) | BonfiettiM12 (0.68) |
| ChapadosJR11 R&C | OuelletQ22 (0.97) | MusliuSS18 (0.97) | TopaloglouO11 (0.97) | GuyonLPR12 (0.97) | MilanoW09 (0.98) |
| Euclid | Baptiste09 (0.16) | CarchraeBF05 (0.16) | ZibranR11 (0.16) | AngelsmarkJ00 (0.17) | Tsang03 (0.17) |
| Dot | Dejemeppe16 (36.00) | Malapert11 (36.00) | Godet21a (35.00) | Lombardi10 (35.00) | AwadMDMT22 (35.00) |
| Cosine | ZibranR11a (0.78) | AstrandJZ18 (0.74) | ZibranR11 (0.72) | TranVNB17a (0.69) | HachemiGR11 (0.67) |
| ChenGPSH10 R&C | HeckmanB11 (0.89) | BeckFW11 (0.89) | WatsonB08 (0.90) | GrimesHM09 (0.91) | BeckF00a (0.93) |
| Euclid | BartakSR08 (0.31) | PengLC14 (0.32) | NuijtenP98 (0.33) | Bartak02a (0.34) | BaptisteP95 (0.34) |
| Dot | Baptiste02 (178.00) | Dejemeppe16 (171.00) | Godet21a (170.00) | Malapert11 (168.00) | Fahimi16 (167.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | BartakSR08 (0.80) | PengLC14 (0.77) | NuijtenP98 (0.77) | Dorndorf2000 (0.75) | BaptisteP95 (0.75) |
| ChuGNSW13 R&C | | | | | |
| Euclid | PoderBS04 (0.23) | KovacsV04 (0.23) | WolfS05 (0.23) | Caseau97 (0.24) | Bartak02a (0.24) |
| Dot | Dejemeppe16 (98.00) | Fahimi16 (97.00) | Beck99 (94.00) | Baptiste02 (94.00) | Malapert11 (92.00) |
| Cosine | KovacsV04 (0.80) | TrojetHL11 (0.79) | PoderBS04 (0.78) | Madi-WambaLOBM17 (0.77) | Bartak02a (0.77) |
| ChuX05 R&C | Hooker05 (0.58) | Hooker06 (0.64) | Hooker05a (0.65) | CireCH13 (0.68) | Hooker04 (0.69) |
| Euclid | HookerY02 (0.21) | Limtanyakul07 (0.24) | Beck10 (0.24) | HeinzKB13 (0.24) | HookerO03 (0.25) |
| Dot | Lombardi10 (94.00) | Baptiste02 (89.00) | MilanoW09 (87.00) | MilanoW06 (86.00) | Groleaz21 (85.00) |
| Cosine | HookerY02 (0.81) | Beck10 (0.78) | HamdiL13 (0.78) | HeinzKB13 (0.77) | Limtanyakul07 (0.74) |
| ChunCTY99 R&C | | | | | |
| Euclid | Puget95 (0.31) | BocewiczBB09 (0.32) | GelainPRVW17 (0.32) | Gronkvist06 (0.32) | TranDRFWOVB16 (0.32) |
| Dot | ZarandiASC20 (88.00) | Fahimi16 (80.00) | Lombardi10 (78.00) | Beck99 (78.00) | Wallace96 (76.00) |
| Cosine | Gronkvist06 (0.64) | BocewiczBB09 (0.63) | JoLLH99 (0.60) | Wallace96 (0.60) | TranDRFWOVB16 (0.60) |
| ChunS14 R&C | | | | | |
| Euclid | Prosser89 (0.29) | Puget95 (0.29) | AngelsmarkJ00 (0.29) | CestaOS98 (0.29) | DincbasS91 (0.29) |
| Dot | ZarandiASC20 (80.00) | Lemos21 (77.00) | Froger16 (65.00) | Baptiste02 (65.00) | Lombardi10 (64.00) |
| Cosine | Prosser89 (0.64) | MorgadoM97 (0.60) | TranDRFWOVB16 (0.59) | Madi-WambaLOBM17 (0.59) | Puget95 (0.58) |
| CilKLO22 R&C | Edis21 (0.78) | NaderiBZ22a (0.85) | PohlAK22 (0.89) | ZhangYW21 (0.90) | GunerGSKD23 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| CireCH13 R&C | HamdiL13 (0.42) | CireCH16 (0.58) | CobanH11 (0.58) | Hooker06 (0.63) | Hooker07 (0.66) |
| Euclid | HeinzKB13 (0.18) | HookerO03 (0.21) | CireCH16 (0.22) | CobanH10 (0.23) | HookerY02 (0.23) |
| Dot | Lombardi10 (92.00) | HookerH17 (86.00) | MilanoW09 (86.00) | Hooker05 (83.00) | Hooker07 (83.00) |
| Cosine | HeinzKB13 (0.86) | HookerO03 (0.81) | CireCH16 (0.80) | HeinzB12 (0.79) | Hooker07 (0.78) |
| CireCH16 R&C | CobanH11 (0.55) | CireCH13 (0.58) | Hooker07 (0.68) | CobanH10 (0.69) | Beck10 (0.72) |
| Euclid | CireCH13 (0.22) | Hooker04 (0.22) | Hooker05a (0.24) | HeinzKB13 (0.25) | BeniniLMMR08 (0.25) |
| Dot | Hooker07 (91.00) | Lombardi10 (87.00) | Hooker05 (85.00) | Hooker19 (85.00) | LaborieRSV18 (83.00) |
| Cosine | Hooker04 (0.83) | Hooker07 (0.82) | CireCH13 (0.80) | Hooker06 (0.79) | BeniniLMMR08 (0.77) |
| ClautiauxJCM08 R&C | MercierH08 (0.91) | LetortCB13 (0.92) | BonfiettiZLM16 (0.92) | GrimesHM09 (0.92) | BeldiceanuCDP11 (0.93) |
| Euclid | WolfS05 (0.27) | CauwelaertLS15 (0.29) | BeldiceanuP07 (0.29) | PoderB08 (0.29) | KovacsB08 (0.30) |
| Dot | Malapert11 (116.00) | Schutt11 (115.00) | Godet21a (111.00) | Lombardi10 (111.00) | Baptiste02 (111.00) |
| Cosine | WolfS05 (0.77) | CauwelaertLS15 (0.73) | KovacsB08 (0.73) | BeldiceanuP07 (0.72) | BeldiceanuCDP11 (0.72) |
| Clercq12 R&C | | | | | |
| Euclid | Derrien15 (0.33) | BeckF00a (0.37) | Letort13 (0.39) | BeckF99 (0.39) | VilimBC05 (0.39) |
| Dot | Malapert11 (175.00) | Fahimi16 (164.00) | Dejemeppe16 (163.00) | Schutt11 (162.00) | Kameugne14 (148.00) |
| Cosine | Derrien15 (0.79) | Kameugne14 (0.73) | Letort13 (0.73) | BeckF00a (0.70) | GayHS15a (0.67) |
| ClercqPBJ11 R&C | LetortBC12 (0.87) | GayHS15a (0.87) | LetortCB15 (0.88) | OuelletQ13 (0.88) | GayHS15 (0.90) |
| Euclid | Vilim09 (0.28) | Vilim04 (0.29) | DerrienP14 (0.30) | PoderB08 (0.30) | DerrienPZ14 (0.30) |
| Dot | Fahimi16 (103.00) | Malapert11 (102.00) | Dejemeppe16 (94.00) | Godet21a (92.00) | Schutt11 (91.00) |
| Cosine | abs-0907-0939 (0.73) | Vilim09 (0.71) | DerrienPZ14 (0.71) | Vilim04 (0.69) | OuelletQ22 (0.69) |
| CobanH10 R&C | Hooker06 (0.67) | CireCH13 (0.67) | CireCH16 (0.69) | HamdiL13 (0.71) | Hooker05a (0.71) |
| Euclid | CireCH13 (0.23) | Hooker17 (0.25) | CobanH11 (0.26) | HookerO03 (0.28) | HebrardTW05 (0.28) |
| Dot | Lombardi10 (87.00) | LombardiM12 (78.00) | CobanH11 (78.00) | NaderiRR23 (76.00) | Groleaz21 (75.00) |
| Cosine | CobanH11 (0.80) | CireCH13 (0.77) | EmeretlisTAV17 (0.72) | Hooker07 (0.69) | ElciOH22 (0.68) |
| CobanH11 R&C | CireCH16 (0.55) | CireCH13 (0.58) | Hooker06 (0.63) | Hooker07 (0.67) | BeniniLMMR08 (0.71) |
| Euclid | HamdiL13 (0.26) | CobanH10 (0.26) | Hooker06 (0.27) | ElciOH22 (0.27) | Hooker05a (0.28) |
| Dot | Lombardi10 (135.00) | ZarandiASC20 (129.00) | Groleaz21 (129.00) | Hooker19 (119.00) | Baptiste02 (118.00) |
| Cosine | HamdiL13 (0.82) | CobanH10 (0.80) | ElciOH22 (0.80) | Hooker06 (0.79) | Hooker07 (0.78) |
| CohenHB17 R&C | BartoliniBBLM14 (0.93) | GilesH16 (0.94) | NishikawaSTT18 (0.96) | ArtiguesLH13 (0.96) | SquillaciPR23 (0.97) |
| Euclid | ZibranR11 (0.22) | ZibranR11a (0.24) | ChapadosJR11 (0.24) | AngelsmarkJ00 (0.24) | CarchraeBF05 (0.25) |
| Dot | Groleaz21 (64.00) | ZarandiASC20 (61.00) | Lemos21 (60.00) | Lunardi20 (59.00) | ColT22 (59.00) |
| Cosine | ZibranR11 (0.68) | ZibranR11a (0.67) | BoothNB16 (0.65) | BockmayrP06 (0.64) | AstrandJZ18 (0.63) |
| ColT19 R&C | ColT2019a (0.54) | VilimLS15 (0.82) | Laborie18a (0.83) | Wolf03 (0.84) | BeckF00 (0.87) |
| Euclid | ColT2019a (0.17) | abs-2102-08778 (0.22) | NuijtenA96 (0.31) | PacinoH11 (0.31) | NuijtenA94 (0.32) |
| Dot | ColT22 (135.00) | Groleaz21 (124.00) | JuvinHHL23 (113.00) | Dejemeppe16 (113.00) | Godet21a (111.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | ColT2019a (0.92) | abs-2102-08778 (0.86) | TasselGS23 (0.74) | abs-2306-05747 (0.74) | NuijtenA96 (0.73) |
| ColT2019a R&C | ColT19 (0.54) | Wolf03 (0.82) | MenciaSV12 (0.84) | Laborie18a (0.85) | VilimLS15 (0.86) |
| Euclid | ColT19 (0.17) | abs-2102-08778 (0.23) | CarchraeB09 (0.30) | WatsonB08 (0.31) | PacinoH11 (0.31) |
| Dot | ColT22 (125.00) | Groleaz21 (119.00) | Dejemeppe16 (111.00) | ColT19 (109.00) | LacknerMMWW23 (107.00) |
| Cosine | ColT19 (0.92) | abs-2102-08778 (0.83) | CarchraeB09 (0.73) | Bit-Monnot23 (0.71) | ColT22 (0.70) |
| ColT22 R&C | DomdorfPH03 (0.88) | ColT19 (0.88) | DorndorfPH99 (0.89) | BlazewiczDP96 (0.89) | ColT2019a (0.89) |
| Euclid | OujanaAYB22 (0.44) | ColT19 (0.45) | Novas19 (0.45) | ColT2019a (0.46) | abs-2102-08778 (0.46) |
| Dot | Groleaz21 (250.00) | ZarandiASC20 (249.00) | Dejemeppe16 (231.00) | Lunardi20 (229.00) | Baptiste02 (227.00) |
| Cosine | OujanaAYB22 (0.73) | Novas19 (0.72) | ColT19 (0.72) | Lunardi20 (0.71) | ColT2019a (0.70) |
| Colombani96 R&C | Zhou96 (0.60) | Goltz95 (0.75) | Wolf03 (0.77) | Rodriguez07 (0.82) | Vilim04 (0.82) |
| Euclid | Zhou96 (0.22) | BockmayrP06 (0.23) | Limtanyakul07 (0.24) | Sadykov04 (0.25) | HarjunkoskiG02 (0.26) |
| Dot | Baptiste02 (112.00) | ZarandiASC20 (110.00) | Beck99 (110.00) | Groleaz21 (108.00) | BartakSR10 (108.00) |
| Cosine | Zhou96 (0.84) | Zhou97 (0.80) | HarjunkoskiG02 (0.79) | BockmayrP06 (0.79) | Limtanyakul07 (0.78) |
| CorreaLR07 R&C | CambazardJ05 (0.82) | Hooker07 (0.83) | Hooker05 (0.83) | BeniniBGM06 (0.83) | Hooker04 (0.86) |
| Euclid | Hooker04 (0.29) | BeniniLMMR08 (0.29) | UnsalO19 (0.30) | CireCH13 (0.30) | Thorsteinsson01 (0.30) |
| Dot | Lombardi10 (101.00) | LaborieRSV18 (99.00) | QinDS16 (97.00) | ZarandiASC20 (95.00) | Godet21a (94.00) |
| Cosine | QinDS16 (0.75) | UnsalO19 (0.74) | Hooker04 (0.73) | BeniniLMR11 (0.73) | Hooker07 (0.71) |
| CrawfordB94 R&C | | | | | |
| Euclid | LauLN08 (0.14) | FoxAS82 (0.16) | KengY89 (0.17) | HebrardTW05 (0.18) | AngelsmarkJ00 (0.18) |
| Dot | ZarandiASC20 (56.00) | PrataAN23 (54.00) | TerekhovTDB14 (54.00) | GombolayWS18 (54.00) | BartakSR10 (54.00) |
| Cosine | LauLN08 (0.87) | KengY89 (0.84) | FoxAS82 (0.83) | DoRZ08 (0.77) | LuoVLBM16 (0.75) |
| CzerniachowskaWZ23 R&C | | | | | |
| Euclid | JuvinHL23 (0.33) | TanZWGQ19 (0.33) | LiFJZLL22 (0.33) | NovasH14 (0.33) | MurinR19 (0.34) |
| Dot | Lunardi20 (180.00) | ZarandiASC20 (165.00) | Groleaz21 (163.00) | Astrand21 (156.00) | ColT22 (154.00) |
| Cosine | TanZWGQ19 (0.76) | JuvinHL23 (0.76) | LiFJZLL22 (0.76) | NovasH14 (0.75) | MurinR19 (0.75) |
| DannaP03 R&C | PerronSF04 (0.67) | Laborie09 (0.79) | CarchraeB09 (0.84) | SchausHMCMD11 (0.88) | GarganiR07 (0.88) |
| Euclid | PerronSF04 (0.21) | BeckR03 (0.27) | CarchraeB09 (0.29) | Puget95 (0.29) | GodardLN05 (0.29) |
| Dot | LaborieRSV18 (112.00) | Groleaz21 (108.00) | Dejemeppe16 (107.00) | GrimesH11 (102.00) | GrimesH15 (98.00) |
| Cosine | PerronSF04 (0.85) | BeckR03 (0.80) | MonetteDH09 (0.77) | CarchraeB09 (0.75) | GodardLN05 (0.74) |
| DannaP04 R&C | BaptisteLPN06 (0.86) | SourdN00 (0.88) | AjiliW04 (0.88) | PerronSF04 (0.90) | CarchraeB09 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Darby-DowmanLMZ97 R&C | SmithBHW96 (0.69) | DarbyDowmanL98 (0.80) | RodosekWH99 (0.89) | NuijtenA96 (0.91) | BockmayrK98 (0.92) |
| Euclid | RodosekWH99 (0.29) | HookerO99 (0.34) | Bartak02 (0.34) | HarjunkoskiJG00 (0.35) | BockmayrP06 (0.35) |
| Dot | Malapert11 (109.00) | Baptiste02 (98.00) | Lombardi10 (97.00) | Groleaz21 (94.00) | LaborieRSV18 (90.00) |
| Cosine | RodosekWH99 (0.75) | HookerO99 (0.69) | BadicaBI20 (0.64) | Bartak02 (0.63) | RodosekW98 (0.62) |
| DarbyDowmanL98 R&C | Darby-DowmanLMZ97 (0.80) | SmithBHW96 (0.82) | RodosekWH99 (0.91) | RodosekW98 (0.92) | EdisO11 (0.92) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Davenport10 R&C | Limtanyakul07 (0.80) | Vilim09 (0.83) | Vilim09a (0.83) | KameugneF13 (0.83) | VilimBC05 (0.86) |
| Euclid | FrostD98 (0.24) | CarchraeBF05 (0.26) | KovacsEKV05 (0.26) | AngelsmarkJ00 (0.26) | CestaOS98 (0.26) |
| Dot | ZarandiASC20 (63.00) | Groleaz21 (63.00) | KelbelH11 (55.00) | TerekhovDOB12 (55.00) | Lombardi10 (55.00) |
| Cosine | KeriK07 (0.60) | Hooker05a (0.57) | BeckR03 (0.56) | KrogtLPHJ07 (0.56) | Hooker06 (0.55) |
| DavenportKRSH07 R&C | SimoninAHL15 (0.86) | BeldiceanuP07 (0.89) | SimoninAHL12 (0.90) | SerraNM12 (0.90) | AntuoriHHEN20 (0.90) |
| Euclid | CauwelaertDMS16 (0.25) | MakMS10 (0.27) | Vilim04 (0.28) | GilesH16 (0.29) | HarjunkoskiG02 (0.29) |
| Dot | Astrand21 (109.00) | Baptiste02 (104.00) | Dejemeppe16 (103.00) | ZarandiASC20 (103.00) | Malapert11 (103.00) |
| Cosine | CauwelaertDMS16 (0.80) | FocacciLN00 (0.76) | CauwelaertDS20 (0.76) | Pralet17 (0.75) | HarjunkoskiG02 (0.74) |
| Davis87 R&C | DincbasSH90 (0.89) | BeckF00 (0.93) | Dorndorf2000 (0.94) | SadehF96 (0.94) | Salido10 (0.95) |
| Euclid | Valdes87 (0.12) | FrostD98 (0.15) | HebrardTW05 (0.15) | LiuJ06 (0.15) | AngelsmarkJ00 (0.15) |
| Dot | Astrand21 (36.00) | Lombardi10 (35.00) | KoehlerBFFHPSSS21 (34.00) | Dejemeppe16 (34.00) | Malapert11 (34.00) |
| Cosine | Valdes87 (0.77) | MurphyMB15 (0.68) | RoweJCA96 (0.67) | BukchinR18 (0.64) | AstrandJZ18 (0.64) |
| Dejemeppe16 R&C | | | | | |
| Euclid | GrimesH15 (0.62) | Fahimi16 (0.63) | DejemeppeCS15 (0.63) | BartakSR10 (0.64) | Beck99 (0.64) |
| Dot | ZarandiASC20 (335.00) | Groleaz21 (324.00) | Malapert11 (307.00) | Baptiste02 (299.00) | Lombardi10 (279.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GrimesH15 (0.68) | Fahimi16 (0.68) | DejemeppeCS15 (0.67) | Malapert11 (0.66) | Groleaz21 (0.66) |
| DejemeppeCS15 R&C | CauwelaertDMS16 (0.74) | CauwelaertDS20 (0.75) | GayHS15a (0.76) | GrimesH10 (0.77) | GaySS14 (0.79) |
| Euclid | CauwelaertDMS16 (0.19) | CauwelaertDS20 (0.19) | VilimBC05 (0.22) | VilimBC04 (0.23) | Vilim04 (0.25) |
| Dot | Dejemeppe16 (173.00) | Baptiste02 (158.00) | Malapert11 (152.00) | Groleaz21 (152.00) | Fahimi16 (147.00) |
| Cosine | CauwelaertDS20 (0.91) | CauwelaertDMS16 (0.91) | VilimBC05 (0.88) | VilimBC04 (0.86) | Vilim04 (0.83) |
| DejemeppeD14 R&C | DannaP03 (0.90) | SchausHMCMD11 (0.92) | GarganiR07 (0.92) | VerfaillieL01 (0.92) | PesantRR15 (0.93) |
| Euclid | BeckW05 (0.28) | BhatnagarKL19 (0.29) | BonfiettiM12 (0.30) | Caseau97 (0.30) | GalleguillosKSB19 (0.31) |
| Dot | Dejemeppe16 (123.00) | ZarandiASC20 (94.00) | Malapert11 (90.00) | LaborieRSV18 (87.00) | Lombardi10 (86.00) |
| Cosine | GodardLN05 (0.71) | BeckW05 (0.70) | Pralet17 (0.68) | CappartTSR18 (0.68) | SenderovichBB19 (0.68) |
| Demassey03 R&C | | | | | |
| Euclid | DemasseyAM05 (0.39) | Kameugne14 (0.39) | BaptistePN99 (0.40) | BartakSR08 (0.42) | Derrien15 (0.42) |
| Dot | Baptiste02 (198.00) | Schutt11 (191.00) | Malapert11 (190.00) | Fahimi16 (187.00) | Lombardi10 (184.00) |
| Cosine | Kameugne14 (0.77) | DemasseyAM05 (0.74) | BaptistePN99 (0.72) | Elkhyari03 (0.71) | BartakSR08 (0.70) |
| DemasseyAM05 R&C | NeronABCDD06 (0.71) | BruckerK00 (0.73) | LiessM08 (0.77) | ArkhipovBL19 (0.80) | DorndorfHP99 (0.83) |
| Euclid | LiessM08 (0.23) | BaptisteP97 (0.24) | BofillCSV17a (0.26) | Laborie05 (0.27) | CestaOF99 (0.27) |
| Dot | Baptiste02 (161.00) | Lombardi10 (159.00) | Schutt11 (156.00) | Dejemeppe16 (150.00) | Groleaz21 (149.00) |
| Cosine | LiessM08 (0.86) | BaptisteP97 (0.86) | Laborie05 (0.82) | BaptistePN99 (0.82) | VilimLS15 (0.81) |
| DemirovicS18 R&C | KreterSS15 (0.94) | KreterSS17 (0.94) | MusliuSS18 (0.95) | FrimodigS19 (0.95) | FrohnerTR19 (0.95) |
| Euclid | ShaikhK23 (0.29) | PesantGPR99 (0.30) | Puget95 (0.30) | QuSN06 (0.30) | BeniniBGM05a (0.30) |
| Dot | Astrand21 (88.00) | Lemos21 (87.00) | Fahimi16 (86.00) | Groleaz21 (85.00) | Godet21a (84.00) |
| Cosine | ElkhyariGJ02a (0.68) | ShaikhK23 (0.66) | NishikawaSTT18 (0.65) | NishikawaSTT19 (0.65) | HeipckeCCS00 (0.65) |
| Derrien15 R&C | | | | | |
| Euclid | Clercq12 (0.33) | DerrienP14 (0.36) | KovacsV04 (0.36) | Vilim11 (0.36) | Letort13 (0.36) |
| Dot | Fahimi16 (165.00) | Malapert11 (161.00) | Godet21a (158.00) | Dejemeppe16 (150.00) | Schutt11 (149.00) |
| Cosine | Clercq12 (0.79) | Letort13 (0.75) | Fahimi16 (0.71) | Kameugne14 (0.71) | FahimiOQ18 (0.71) |
| DerrienP14 R&C | SchuttW10 (0.78) | LetortBC12 (0.78) | Tesch18 (0.79) | GayHS15 (0.79) | KameugneFSN14 (0.80) |
| Euclid | Tesch16 (0.26) | Vilim11 (0.26) | WolfS05 (0.26) | Vilim09 (0.26) | ZibranR11 (0.26) |
| Dot | Fahimi16 (83.00) | Schutt11 (80.00) | SchuttFS13a (78.00) | Malapert11 (76.00) | Derrien15 (76.00) |
| Cosine | Vilim11 (0.77) | Tesch16 (0.75) | DerrienPZ14 (0.72) | Vilim09 (0.69) | OuelletQ18 (0.69) |
| DerrienPZ14 R&C | FahimiOQ18 (0.73) | Mercier-AubinGQ20 (0.80) | GayHS15 (0.82) | KameugneFSN14 (0.89) | Madi-WambaLOBM17 (0.89) |
| Euclid | BhatnagarKL19 (0.27) | BonfiettiZLM16 (0.28) | DerrienP14 (0.28) | Tesch16 (0.29) | BofillCSV17 (0.29) |
| Dot | Fahimi16 (105.00) | Malapert11 (101.00) | Dejemeppe16 (101.00) | LaborieRSV18 (99.00) | Godet21a (98.00) |
| Cosine | BonfiettiZLM16 (0.75) | Tesch16 (0.72) | DerrienP14 (0.72) | BhatnagarKL19 (0.71) | ClercqPBJ11 (0.71) |
| DilkinaDH05 R&C | ArtiguesR00 (0.90) | ElkhyariGJ02 (0.92) | ArtiguesBF04 (0.94) | GrimesHM09 (0.95) | TorresL00 (0.95) |
| Euclid | HebrardTW05 (0.23) | CrawfordB94 (0.24) | FoxAS82 (0.25) | DoRZ08 (0.25) | OddiS97 (0.25) |
| Dot | Dejemeppe16 (75.00) | ZarandiASC20 (74.00) | Groleaz21 (74.00) | Beck99 (72.00) | BeckDDF98 (72.00) |
| Cosine | OddiS97 (0.71) | SmithC93 (0.70) | HebrardTW05 (0.70) | BillautHL12 (0.70) | PengLC14 (0.69) |
| DilkinaH04 R&C | | | | | |
| Euclid | Tsang03 (0.19) | FeldmanG89 (0.21) | GelainPRVW17 (0.22) | AbrilSB05 (0.22) | Vilim03 (0.23) |
| Dot | ZarandiASC20 (53.00) | Lemos21 (49.00) | HookerH17 (47.00) | Lombardi10 (47.00) | Beck99 (46.00) |
| Cosine | GelainPRVW17 (0.67) | BartakS11 (0.67) | Tsang03 (0.65) | LiuLH19 (0.63) | ZhangLS12 (0.61) |
| DincbasS91 R&C | | | | | |
| Euclid | CestaOS98 (0.23) | KovacsEKV05 (0.23) | Simonis95 (0.24) | AngelsmarkJ00 (0.24) | Caballero23 (0.24) |
| Dot | Simonis07 (52.00) | Simonis99 (48.00) | Wallace96 (43.00) | ZarandiASC20 (41.00) | Simonis95a (39.00) |
| Cosine | Simonis95 (0.63) | TranDRFWOVB16 (0.61) | JoLLH99 (0.59) | ChunS14 (0.56) | GruianK98 (0.55) |
| DincbasSH90 R&C | Wallace96 (0.86) | NuijtenA96 (0.86) | Davis87 (0.89) | BeckF00 (0.89) | Salido10 (0.90) |
| Euclid | Rit86 (0.26) | Simonis95 (0.27) | LammaMM97 (0.28) | Zhou96 (0.30) | BrusoniCLMMT96 (0.30) |
| Dot | Baptiste02 (94.00) | Malapert11 (92.00) | AggounB93 (91.00) | Simonis99 (86.00) | RoePS05 (86.00) |
| Cosine | LammaMM97 (0.76) | AggounB93 (0.74) | Rit86 (0.73) | Simonis95a (0.71) | Simonis95 (0.69) |
| DoRZ08 R&C | | | | | |
| Euclid | CrawfordB94 (0.20) | LauLN08 (0.22) | FoxAS82 (0.23) | FukunagaHFAMN02 (0.23) | DilkinaDH05 (0.25) |
| Dot | Lunardi20 (71.00) | ZarandiASC20 (70.00) | Astrand21 (70.00) | GombolayWS18 (69.00) | PrataAN23 (68.00) |
| Cosine | CrawfordB94 (0.77) | LauLN08 (0.73) | HebrardHJMPV16 (0.70) | FoxAS82 (0.70) | GetoorOFC97 (0.70) |
| DomdorfPH03 R&C | BlazewiczDP96 (0.80) | Dorndorf2000 (0.82) | JainM99 (0.86) | DorndorfHP99 (0.87) | SourdN00 (0.87) |
| Euclid | | | | | |
| Dot | | | | | |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | | | | | |
| DoomsH08 R&C | | | | | |
| Euclid | BonfiettiM12 (0.22) | BeckW05 (0.23) | LombardiM13 (0.24) | Caballero23 (0.24) | WallaceF00 (0.24) |
| Dot | Lombardi10 (80.00) | ZarandiASC20 (79.00) | BeckW07 (76.00) | Groleaz21 (75.00) | LaborieRSV18 (73.00) |
| Cosine | LombardiM09 (0.75) | BeckW05 (0.74) | BeckW07 (0.73) | BonfiettiM12 (0.72) | LombardiBM15 (0.72) |
| Dorndorf2000 R&C | DorndorfHP99 (0.74) | DomdorfPH03 (0.82) | DorndorfPH99 (0.85) | SourdN00 (0.85) | BeckF00 (0.86) |
| Euclid | BartakSR08 (0.36) | PengLC14 (0.36) | BaptisteP95 (0.37) | ChenGPSH10 (0.37) | SourdN00 (0.38) |
| Dot | Baptiste02 (198.00) | Groleaz21 (192.00) | Malapert11 (181.00) | Godet21a (180.00) | Fahimi16 (178.00) |
| Cosine | BartakSR08 (0.75) | ChenGPSH10 (0.75) | PengLC14 (0.75) | BaptisteP95 (0.74) | SourdN00 (0.73) |
| DorndorfHP99 R&C | DorndorfPH99 (0.70) | Dorndorf2000 (0.74) | SourdN00 (0.76) | MonetteDD07 (0.81) | DemasseyAM05 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| DorndorfPH99 R&C | DorndorfHP99 (0.70) | SourdN00 (0.81) | Dorndorf2000 (0.85) | ArtiguesF07 (0.88) | JainM99 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| DoulabiRP14 R&C | DoulabiRP16 (0.74) | RoshanaeiLAU17a (0.85) | WangMD15 (0.86) | MeskensDL13 (0.87) | RiiseML16 (0.87) |
| Euclid | DoulabiRP16 (0.26) | ChapadosJR11 (0.27) | ZibranR11 (0.29) | KovacsEKV05 (0.30) | ZibranR11a (0.30) |
| Dot | RiiseML16 (72.00) | ZarandiASC20 (71.00) | RoshanaeiLAU17 (70.00) | RoshanaeiN21 (68.00) | WangMD15 (67.00) |
| Cosine | DoulabiRP16 (0.75) | RiiseML16 (0.73) | WangMD15 (0.65) | GurEA19 (0.64) | Wolf11 (0.64) |
| DoulabiRP16 R&C | RoshanaeiLAU17 (0.70) | RoshanaeiLAU17a (0.70) | DoulabiRP14 (0.74) | WangMD15 (0.74) | RoshanaeiBAUB20 (0.77) |
| Euclid | GurEA19 (0.25) | DoulabiRP14 (0.26) | GurPAE23 (0.26) | MeskensDHG11 (0.30) | RoshanaeiLAU17 (0.31) |
| Dot | ZarandiASC20 (99.00) | RoshanaeiLAU17 (99.00) | RoshanaeiBAUB20 (92.00) | WangMD15 (87.00) | NaderiBZ23 (86.00) |
| Cosine | GurEA19 (0.80) | GurPAE23 (0.78) | RoshanaeiLAU17 (0.77) | DoulabiRP14 (0.75) | WangMD15 (0.73) |
| DraperJCJ99 R&C | | | | | |
| Euclid | BonfiettiLBM11 (0.27) | CarlssonKA99 (0.28) | LombardiBMB11 (0.29) | BeckPS03 (0.29) | KengY89 (0.30) |
| Dot | Astrand21 (106.00) | ZarandiASC20 (104.00) | Dejemeppe16 (101.00) | Lombardi10 (100.00) | Groleaz21 (99.00) |
| Cosine | BeckPS03 (0.75) | BonfiettiLBM11 (0.74) | LombardiBMB11 (0.72) | CarlssonKA99 (0.71) | WessenCSFPM23 (0.71) |
| EastonNT02 R&C | RasmussenT06 (0.80) | Trick03 (0.83) | RasmussenT09 (0.85) | HenzMT04 (0.88) | RussellU06 (0.90) |
| Euclid | RasmussenT06 (0.16) | Trick03 (0.19) | Perron05 (0.21) | NaqviAIAAA22 (0.21) | RasmussenT09 (0.21) |
| Dot | RasmussenT09 (61.00) | LarsonJC14 (53.00) | ZarandiASC20 (52.00) | RasmussenT06 (52.00) | Trick03 (50.00) |
| Cosine | RasmussenT06 (0.86) | RasmussenT09 (0.84) | Trick03 (0.82) | BulckG22 (0.78) | NaqviAIAAA22 (0.77) |
| Edis21 R&C | CilKLO22 (0.78) | AlakaPY19 (0.88) | KizilayC20 (0.89) | PinarbasiAY19 (0.90) | MengLZB21 (0.92) |
| Euclid | AlakaP23 (0.34) | Alaka21 (0.37) | NishikawaSTT18 (0.38) | AlakaPY19 (0.38) | NishikawaSTT19 (0.38) |
| Dot | ZarandiASC20 (171.00) | Dejemeppe16 (160.00) | Groleaz21 (158.00) | Lunardi20 (144.00) | Astrand21 (138.00) |
| Cosine | AlakaP23 (0.74) | Alaka21 (0.70) | AlakaPY19 (0.68) | NishikawaSTT18 (0.68) | NishikawaSTT19 (0.67) |
| EdisO11 R&C | EdisO11a (0.78) | HamdiL13 (0.82) | ArbaouiY18 (0.82) | ZhangLS12 (0.83) | CireCH13 (0.85) |
| Euclid | Limtanyakul07 (0.27) | BenediktSMVH18 (0.28) | HookerY02 (0.28) | ChuX05 (0.28) | ArbaouiY18 (0.29) |
| Dot | Groleaz21 (114.00) | ZarandiASC20 (111.00) | YunusogluY22 (106.00) | Baptiste02 (106.00) | AwadMDMT22 (106.00) |
| Cosine | ArbaouiY18 (0.74) | QinDS16 (0.73) | JainG01 (0.72) | HamdiL13 (0.72) | Ham18a (0.71) |
| EdisO11a R&C | EdisO11 (0.78) | JainG01 (0.90) | GongLMW09 (0.90) | Hooker07 (0.91) | CobanH10 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| EdwardsBSE19 R&C | CarlierSJP21 (0.79) | SchnellH15 (0.87) | HillTV21 (0.87) | KreterSSZ18 (0.87) | CarlierPSJ20 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| EfthymiouY23 R&C | WallaceY20 (0.90) | BaptisteLV92 (0.97) | AntuoriHHEN20 (0.97) | RodosekW98 (0.97) | BenediktSMVH18 (0.97) |
| Euclid | IklassovMR023 (0.32) | GalleguillosKSB19 (0.33) | KotaryFH22 (0.34) | Tassel22 (0.34) | LiLZDZW24 (0.35) |
| Dot | Groleaz21 (116.00) | ZarandiASC20 (108.00) | Dejemeppe16 (108.00) | Godet21a (103.00) | abs-2211-14492 (102.00) |
| Cosine | IklassovMR023 (0.69) | KotaryFH22 (0.67) | CarchraeB09 (0.66) | abs-2211-14492 (0.66) | TasselGS23 (0.65) |
| ElciOH22 R&C | MartnezAJ22 (0.54) | NaderiR22 (0.67) | HechingHK19 (0.85) | ForbesHJST24 (0.85) | Hooker05 (0.87) |
| Euclid | CobanH11 (0.27) | CireCH13 (0.28) | Beck10 (0.29) | CireCH16 (0.29) | Hooker04 (0.30) |
| Dot | Hooker19 (123.00) | Lombardi10 (121.00) | Groleaz21 (119.00) | NaderiRR23 (118.00) | ZarandiASC20 (118.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | CobanH11 (0.80) | Hooker19 (0.79) | CireCH13 (0.77) | Beck10 (0.76) | ForbesHJST24 (0.75) |
| ElfJR03 R&C | HenzMT04 (0.80) | RasmussenT07 (0.81) | Henz01 (0.83) | Rgin2001 (0.87) | Perron05 (0.90) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ElhouraniDM07 R&C | | | | | |
| Euclid | AbrilSB05 (0.24) | Hunsberger08 (0.25) | MaraveliasG04 (0.25) | KameugneF13 (0.25) | SultanikMR07 (0.25) |
| Dot | SultanikMR07 (36.00) | Godet21a (35.00) | Lemos21 (34.00) | Dejemeppe16 (34.00) | ZarandiASC20 (29.00) |
| Cosine | SultanikMR07 (0.66) | SunLYL10 (0.43) | BartakS11 (0.41) | Hunsberger08 (0.39) | Salido10 (0.38) |
| Elkhyari03 R&C | | | | | |
| Euclid | MalapertCGJLR13 (0.39) | VilimLS15 (0.40) | ElkhyariGJ02a (0.42) | KovacsV04 (0.42) | BartakSR08 (0.42) |
| Dot | Groleaz21 (217.00) | ZarandiASC20 (201.00) | Godet21a (198.00) | Baptiste02 (198.00) | Malapert11 (182.00) |
| Cosine | MalapertCGJLR13 (0.73) | VilimLS15 (0.72) | Demassey03 (0.71) | BartakSR08 (0.68) | ElkhyariGJ02a (0.68) |
| ElkhyariGJ02 R&C | ElkhyariGJ02a (0.77) | Wolf05 (0.80) | BruckerK00 (0.86) | BertholdHLMS10 (0.88) | SchuttFSW11 (0.90) |
| Euclid | WallaceF00 (0.22) | LombardiM13 (0.23) | BonfiettiM12 (0.23) | BeniniBGM05a (0.23) | BhatnagarKL19 (0.23) |
| Dot | Lombardi10 (91.00) | Godet21a (86.00) | Schutt11 (85.00) | Baptiste02 (84.00) | ZarandiASC20 (83.00) |
| Cosine | ElkhyariGJ02a (0.77) | LiessM08 (0.75) | BhatnagarKL19 (0.73) | WallaceF00 (0.72) | BeniniLMMR08 (0.72) |
| ElkhyariGJ02a R&C | ElkhyariGJ02 (0.77) | BruckerK00 (0.84) | PoderBS04 (0.87) | DemasseyAM05 (0.87) | LiessM08 (0.88) |
| Euclid | ElkhyariGJ02 (0.28) | OddiRC10 (0.30) | LombardiM10 (0.30) | BofillCSV17a (0.31) | LombardiM13 (0.31) |
| Dot | Godet21a (136.00) | Lombardi10 (132.00) | Baptiste02 (131.00) | ZarandiASC20 (127.00) | Schutt11 (126.00) |
| Cosine | ElkhyariGJ02 (0.77) | LombardiM10 (0.73) | OddiRC10 (0.73) | LiessM08 (0.72) | BofillCSV17a (0.72) |
| EmdeZD22 R&C | HechingHK19 (0.91) | TranAB16 (0.93) | ElciOH22 (0.93) | CobanH11 (0.93) | CireCH13 (0.93) |
| Euclid | Beck10 (0.34) | CireCH13 (0.36) | HamdiL13 (0.36) | CobanH11 (0.37) | HookerO03 (0.37) |
| Dot | ZarandiASC20 (151.00) | Groleaz21 (137.00) | Lombardi10 (134.00) | NaderiRR23 (131.00) | PrataAN23 (128.00) |
| Cosine | Beck10 (0.71) | NaderiBZ22 (0.69) | NaderiBZ23 (0.69) | CobanH11 (0.69) | HamdiL13 (0.69) |
| EmeretlisTAV17 R&C | TanT18 (0.77) | CobanH11 (0.86) | CireCH16 (0.87) | BeniniLMR11 (0.92) | Beck10 (0.92) |
| Euclid | CobanH11 (0.29) | BeniniLMMR08 (0.29) | BeniniLMR11 (0.29) | Hooker05 (0.29) | CireCH13 (0.29) |
| Dot | Lombardi10 (152.00) | Groleaz21 (137.00) | ZarandiASC20 (134.00) | Astrand21 (127.00) | Dejemeppe16 (127.00) |
| Cosine | Hooker05 (0.79) | CobanH11 (0.78) | BeniniLMR11 (0.78) | NaderiBZ22a (0.77) | BeniniBGM05 (0.76) |
| EreminW01 R&C | Thorsteinsson01 (0.79) | BenoistGR02 (0.79) | Hooker04 (0.83) | ChuX05 (0.88) | CambazardHDJT04 (0.88) |
| Euclid | CireCH16 (0.29) | LozanoCDS12 (0.30) | BourdaisGP03 (0.30) | NishikawaSTT18 (0.30) | Wallace06 (0.30) |
| Dot | MilanoW09 (98.00) | MilanoW06 (97.00) | Froger16 (93.00) | HookerH17 (90.00) | Wallace06 (88.00) |
| Cosine | Wallace06 (0.74) | CireCH16 (0.69) | BeniniBGM06 (0.68) | NishikawaSTT18 (0.68) | CorreaLR07 (0.67) |
| ErkingerM17 R&C | MusliuSS18 (0.82) | ZarandiASC20 (0.98) | DoulabiRP16 (0.98) | | |
| Euclid | BandaSC11 (0.24) | ZhangLS12 (0.25) | ZibranR11 (0.26) | BourdaisGP03 (0.26) | GelainPRVW17 (0.26) |
| Dot | Godet21a (68.00) | Baptiste02 (66.00) | Caballero19 (65.00) | German18 (64.00) | Wallace06 (63.00) |
| Cosine | MusliuSS18 (0.68) | LiuLH19 (0.68) | BourdaisGP03 (0.67) | ZhangLS12 (0.66) | BandaSC11 (0.66) |
| ErtlK91 R&C | MalikMB08 (0.89) | Goltz95 (0.95) | AggounB93 (0.96) | TrentesauxPT01 (0.96) | RodosekW98 (0.96) |
| Euclid | MalikMB08 (0.22) | LiuJ06 (0.22) | RoweJCA96 (0.23) | Davis87 (0.23) | FukunagaHFAMN02 (0.24) |
| Dot | Lombardi10 (62.00) | BeldiceanuC94 (61.00) | HarjunkoskiMBC14 (58.00) | Malik08 (57.00) | Schutt11 (57.00) |
| Cosine | MalikMB08 (0.75) | BegB13 (0.69) | BessiereHMQW14 (0.68) | Malik08 (0.68) | RoweJCA96 (0.67) |
| EscobetPQPRA19 R&C | KlankeBYE21 (0.89) | AwadMDMT22 (0.92) | NovaraNH16 (0.93) | Novas19 (0.94) | OujanaAYB22 (0.95) |
| Euclid | Colombani96 (0.30) | HarjunkoskiG02 (0.32) | BockmayrP06 (0.32) | Limtanyakul07 (0.32) | QuirogaZH05 (0.33) |
| Dot | HarjunkoskiMBC14 (124.00) | Groleaz21 (123.00) | ZarandiASC20 (122.00) | Dejemeppe16 (117.00) | LaborieRSV18 (110.00) |
| Cosine | Colombani96 (0.74) | HarjunkoskiG02 (0.72) | JainG01 (0.72) | KhayatLR06 (0.70) | QuirogaZH05 (0.70) |
| EskeyZ90 R&C | | | | | |
| Euclid | WallaceF00 (0.26) | LuoVLBM16 (0.26) | FukunagaHFAMN02 (0.26) | HoYCLLCLC18 (0.27) | ElkhyariGJ02 (0.27) |
| Dot | Lombardi10 (86.00) | Beck99 (86.00) | ZarandiASC20 (81.00) | Schutt11 (75.00) | Dejemeppe16 (75.00) |
| Cosine | HurleyOS16 (0.68) | ElkhyariGJ02 (0.66) | BeckPS03 (0.66) | MorgadoM97 (0.66) | MurphyMB15 (0.66) |
| EsquirolLH2008 R&C | BeckF00 (0.87) | BriandHHL08 (0.88) | LiuGT10 (0.88) | ArtiouchineB05 (0.90) | KeriK07 (0.90) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| EtminaniesfahaniGNMS22 R&C | GuSSWC14 (0.93) | SchuttFSW11 (0.94) | AmadiniGM16 (0.95) | EdwardsBSE19 (0.95) | GuSS13 (0.95) |
| Euclid | VilimLS15 (0.34) | ZhangYW21 (0.35) | LahimerLH11 (0.35) | LiessM08 (0.35) | HillTV21 (0.36) |
| Dot | ZarandiASC20 (177.00) | Groleaz21 (177.00) | Lunardi20 (157.00) | Dejemeppe16 (148.00) | Lombardi10 (145.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | VilimLS15 (0.77) | YuraszeckMCCR23 (0.75) | ZhangYW21 (0.74) | LiessM08 (0.73) | LahimerLH11 (0.73) |
| EvenSH15 R&C | ZhangLS12 (0.75) | QuirogaZH05 (0.80) | Geske05 (0.80) | KovacsV04 (0.83) | LimtanyakulS12 (0.86) |
| Euclid | EvenSH15a (0.09) | WolfS05 (0.27) | BeldiceanuP07 (0.29) | BockmayrP06 (0.31) | PoderB08 (0.31) |
| Dot | EvenSH15a (120.00) | Lombardi10 (114.00) | ZarandiASC20 (110.00) | Fahimi16 (108.00) | Godet21a (107.00) |
| Cosine | EvenSH15a (0.98) | WolfS05 (0.78) | BeldiceanuP07 (0.73) | YangSS19 (0.68) | ZampelliVSDR13 (0.68) |
| EvenSH15a R&C | | | | | |
| Euclid | EvenSH15 (0.09) | WolfS05 (0.28) | BeldiceanuP07 (0.29) | PoderB08 (0.31) | MurphyMB15 (0.32) |
| Dot | EvenSH15 (120.00) | Lombardi10 (113.00) | ZarandiASC20 (110.00) | Dejemeppe16 (109.00) | Malapert11 (108.00) |
| Cosine | EvenSH15 (0.98) | WolfS05 (0.75) | BeldiceanuP07 (0.72) | YangSS19 (0.67) | PoderB08 (0.67) |
| FachiniA20 R&C | MartnezAJ22 (0.84) | ElciOH22 (0.88) | ZarandiB12 (0.90) | HechingHK19 (0.92) | NaderiR22 (0.93) |
| Euclid | MontemanniD23 (0.36) | FallahiAC20 (0.37) | BarzegaranZP20 (0.38) | MontemanniD23a (0.39) | EreminW01 (0.39) |
| Dot | Froger16 (122.00) | Groleaz21 (102.00) | Lunardi20 (96.00) | Lemos21 (96.00) | HarjunkoskiMBC14 (96.00) |
| Cosine | MontemanniD23 (0.63) | FallahiAC20 (0.62) | GoldwaserS18 (0.61) | NaderiBZR23 (0.59) | EreminW01 (0.59) |
| Fahimi16 R&C | | | | | |
| Euclid | FahimiOQ18 (0.40) | GokgurHO18 (0.47) | BartakSR08 (0.48) | BartakSR10 (0.48) | BeckF00 (0.49) |
| Dot | Malapert11 (280.00) | Baptiste02 (279.00) | Dejemeppe16 (274.00) | Groleaz21 (255.00) | Lombardi10 (253.00) |
| Cosine | FahimiOQ18 (0.82) | GokgurHO18 (0.74) | BartakSR10 (0.74) | BartakSR08 (0.74) | Malapert11 (0.73) |
| FahimiOQ18 R&C | KameugneFSN14 (0.65) | Tesch16 (0.72) | DerrienPZ14 (0.73) | OuelletQ18 (0.74) | OuelletQ13 (0.76) |
| Euclid | VilimBC05 (0.36) | MonetteDD07 (0.36) | OuelletQ13 (0.36) | Wolf03 (0.36) | VilimBC04 (0.38) |
| Dot | Fahimi16 (226.00) | Dejemeppe16 (213.00) | Malapert11 (211.00) | Baptiste02 (211.00) | Schutt11 (209.00) |
| Cosine | Fahimi16 (0.82) | VilimBC05 (0.78) | MonetteDD07 (0.78) | OuelletQ13 (0.78) | Wolf03 (0.78) |
| FahimiQ23 R&C | KameugneFGOQ18 (0.86) | Tesch16 (0.87) | Tesch18 (0.89) | GayHS15a (0.89) | OuelletQ13 (0.90) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| FalaschiGMP97 R&C | BaptisteLV92 (0.93) | Goltz95 (0.94) | BrusoniCLMMT96 (0.94) | Simonis95a (0.95) | BeniniLMMR08 (0.95) |
| Euclid | Touraivane95 (0.13) | JelinekB16 (0.22) | CarchraeBF05 (0.23) | FrostD98 (0.23) | FeldmanG89 (0.23) |
| Dot | Wallace96 (48.00) | Simonis99 (48.00) | Simonis95a (44.00) | MartinPY01 (43.00) | HookerO99 (43.00) |
| Cosine | Touraivane95 (0.87) | AbdennadherS99 (0.68) | MartinPY01 (0.66) | PesantGPR99 (0.62) | JelinekB16 (0.61) |
| FallahiAC20 R&C | | | | | |
| Euclid | BarzegaranZP20 (0.27) | GelainPRVW17 (0.30) | LiuLH19 (0.30) | abs-1902-01193 (0.30) | ZhangLS12 (0.30) |
| Dot | ZarandiASC20 (101.00) | Groleaz21 (94.00) | Dejemeppe16 (93.00) | Lemos21 (90.00) | Froger16 (90.00) |
| Cosine | BarzegaranZP20 (0.71) | Wallace06 (0.66) | LiuLH19 (0.66) | KletzanderMH21 (0.66) | BocewiczBB09 (0.65) |
| FalqueALM24 R&C | | | | | |
| Euclid | LiuCGM17 (0.34) | Puget95 (0.34) | TranDRFWOVB16 (0.35) | QuSN06 (0.36) | AngelsmarkJ00 (0.36) |
| Dot | Lemos21 (99.00) | Godet21a (95.00) | KoehlerBFFHPSSS21 (83.00) | Malapert11 (83.00) | Dejemeppe16 (83.00) |
| Cosine | LiuCGM17 (0.61) | GarridoAO09 (0.59) | TranDRFWOVB16 (0.57) | WangB23 (0.57) | Gronkvist06 (0.56) |
| FanXG21 R&C | QinWSLS21 (0.93) | ColT2019a (0.96) | MenciaSV12 (0.97) | ColT22 (0.97) | DomdorfPH03 (0.97) |
| Euclid | FoxAS82 (0.37) | ZhangW18 (0.37) | IklassovMR023 (0.38) | LiFJZLL22 (0.38) | SmithC93 (0.38) |
| Dot | ZarandiASC20 (186.00) | Groleaz21 (161.00) | Lunardi20 (157.00) | Dejemeppe16 (138.00) | Baptiste02 (138.00) |
| Cosine | ZhangW18 (0.72) | AlfieriGPS23 (0.70) | OujanaAYB22 (0.66) | LiFJZLL22 (0.66) | Lunardi20 (0.65) |
| FarsiTM22 R&C | GhandehariK22 (0.86) | YounespourAKE19 (0.87) | MengLZB21 (0.90) | GurPAE23 (0.92) | GhasemiMH23 (0.93) |
| Euclid | GurPAE23 (0.36) | MeskensDHG11 (0.37) | GurEA19 (0.37) | WangMD15 (0.39) | DoulabiRP16 (0.39) |
| Dot | ZarandiASC20 (152.00) | Dejemeppe16 (129.00) | Lunardi20 (108.00) | Groleaz21 (107.00) | NaderiBZ22a (102.00) |
| Cosine | GurPAE23 (0.69) | MeskensDHG11 (0.66) | WangMD15 (0.65) | GurEA19 (0.65) | YounespourAKE19 (0.64) |
| Fatemi-AnarakiTFV23 R&C | NouriMHD23 (0.83) | LaborieRSV18 (0.94) | LiFJZLL22 (0.95) | NaderiRR23 (0.95) | MengLZB21 (0.95) |
| Euclid | Ham18a (0.35) | MokhtarzadehTNF20 (0.36) | Ham18 (0.37) | Mehdizadeh-Somarin23 (0.38) | HamP21 (0.38) |
| Dot | ZarandiASC20 (174.00) | Lunardi20 (162.00) | Groleaz21 (161.00) | Astrand21 (153.00) | Malapert11 (144.00) |
| Cosine | Ham18a (0.74) | MokhtarzadehTNF20 (0.72) | Ham18 (0.70) | CzerniachowskaWZ23 (0.70) | Mehdizadeh-Somarin23 (0.69) |
| FeldmanG89 R&C | | | | | |
| Euclid | FrostD98 (0.13) | AbrilSB05 (0.14) | CarchraeBF05 (0.16) | LiuJ06 (0.17) | AngelsmarkJ00 (0.17) |
| Dot | SakkoutW00 (30.00) | Godet21a (30.00) | ZarandiKS16 (30.00) | KanetAG04 (30.00) | TrojetHL11 (30.00) |
| Cosine | FrostD98 (0.76) | AbrilSB05 (0.72) | ZhangLS12 (0.69) | GelainPRVW17 (0.68) | BandaSC11 (0.68) |
| FelizariAL09 R&C | MagataoAN05 (0.00) | MouraSCL08a (0.77) | HookerY02 (0.89) | LopesCSM10 (0.92) | MouraSCL08 (0.94) |
| Euclid | | | | | |
| Dot | | | | | |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | | | | | |
| FetgoD22 R&C | KameugneFGOQ18 (0.72) | Tesch16 (0.76) | GayHS15a (0.78) | YangSS19 (0.79) | Tesch18 (0.80) |
| Euclid | KameugneFND23 (0.23) | KameugneFGOQ18 (0.26) | OuelletQ13 (0.28) | GingrasQ16 (0.30) | KameugneFSN14 (0.35) |
| Dot | Fahimi16 (161.00) | Lombardi10 (159.00) | Schutt11 (159.00) | Baptiste02 (159.00) | KameugneFND23 (155.00) |
| Cosine | KameugneFND23 (0.90) | KameugneFGOQ18 (0.86) | OuelletQ13 (0.84) | GingrasQ16 (0.81) | KameugneFSN14 (0.75) |
| FocacciLN00 R&C | | | | | |
| Euclid | CauwelaertDMS16 (0.27) | ArtiguesBF04 (0.27) | ArtiguesF07 (0.29) | VilimBC05 (0.30) | CauwelaertDS20 (0.30) |
| Dot | Baptiste02 (160.00) | Dejemeppe16 (151.00) | Malapert11 (150.00) | GrimesH15 (148.00) | Fahimi16 (147.00) |
| Cosine | ArtiguesBF04 (0.82) | CauwelaertDMS16 (0.81) | ArtiguesF07 (0.81) | CauwelaertDS20 (0.80) | GrimesH10 (0.79) |
| FontaineMH16 R&C | YounespourAKE19 (0.90) | HermenierDL11 (0.94) | RoshanaeiN21 (0.94) | Laborie18a (0.95) | NaderiRBAU21 (0.96) |
| Euclid | CarchraeB09 (0.26) | SialaAH15 (0.27) | Colombani96 (0.27) | HeipckeCCS00 (0.28) | Puget95 (0.28) |
| Dot | Groleaz21 (120.00) | Lombardi10 (113.00) | Astrand21 (112.00) | NaderiRR23 (110.00) | Baptiste02 (110.00) |
| Cosine | CarchraeB09 (0.81) | SialaAH15 (0.78) | ZhangBB22 (0.77) | Colombani96 (0.76) | HeipckeCCS00 (0.76) |
| ForbesHJST24 R&C | ElciOH22 (0.85) | CambazardJ05 (0.91) | Hooker04 (0.91) | Hooker05a (0.92) | BeniniBGM06 (0.92) |
| Euclid | HookerY02 (0.30) | CireCH13 (0.30) | ElciOH22 (0.31) | HookerO03 (0.31) | CireCH16 (0.31) |
| Dot | Lombardi10 (120.00) | Froger16 (117.00) | ZarandiASC20 (112.00) | Groleaz21 (110.00) | NaderiRR23 (109.00) |
| Cosine | ElciOH22 (0.75) | HookerY02 (0.73) | CobanH11 (0.72) | EmeretlisTAV17 (0.72) | CireCH13 (0.71) |
| FortinZDF05 R&C | LombardiBM15 (0.89) | LombardiM13 (0.92) | LombardiM12a (0.92) | LiuGT10 (0.92) | Muscettola02 (0.93) |
| Euclid | LombardiM13 (0.18) | LeeKLKKYHP97 (0.19) | BeniniBGM05a (0.20) | CarchraeBF05 (0.21) | WallaceF00 (0.22) |
| Dot | LaborieRSV18 (63.00) | SchuttFSW11 (63.00) | LombardiM10a (63.00) | ZarandiASC20 (63.00) | Lombardi10 (63.00) |
| Cosine | LombardiM09 (0.81) | LombardiM13 (0.79) | LombardiBM15 (0.78) | BeniniLMMR08 (0.78) | LombardiBMB11 (0.76) |
| FoxAS82 R&C | | | | | |
| Euclid | CrawfordB94 (0.16) | LauLN08 (0.20) | KengY89 (0.21) | HebrardTW05 (0.21) | FukunagaHFAMN02 (0.22) |
| Dot | ZarandiASC20 (72.00) | BidotVLB09 (69.00) | Groleaz21 (68.00) | BartakSR10 (68.00) | Beck99 (68.00) |
| Cosine | CrawfordB94 (0.83) | SmithC93 (0.78) | KengY89 (0.77) | Prosser89 (0.76) | Colombani96 (0.73) |
| FoxS90 R&C | | | | | |
| Euclid | BeckPS03 (0.30) | SmithC93 (0.30) | Junker00 (0.30) | Prosser89 (0.31) | SadehF96 (0.31) |
| Dot | ZarandiASC20 (156.00) | Baptiste02 (153.00) | Dejemeppe16 (145.00) | Groleaz21 (141.00) | Malapert11 (139.00) |
| Cosine | BeckDDF98 (0.77) | SadehF96 (0.76) | BeckPS03 (0.76) | BeckF00 (0.74) | SmithC93 (0.73) |
| FrankDT16 R&C | GilesH16 (0.83) | CappartS17 (0.83) | GayHS15 (0.93) | LaborieR14 (0.95) | QinDS16 (0.95) |
| Euclid | AngelsmarkJ00 (0.23) | KucukY19 (0.23) | Baptiste09 (0.23) | CarchraeBF05 (0.23) | KovacsEKV05 (0.24) |
| Dot | LaborieRSV18 (67.00) | Groleaz21 (62.00) | Astrand21 (59.00) | Lunardi20 (58.00) | ZarandiASC20 (56.00) |
| Cosine | KucukY19 (0.73) | PraletLJ15 (0.69) | BoothNB16 (0.67) | NishikawaSTT18a (0.67) | VerfaillieL01 (0.66) |
| FrankK03 R&C | | | | | |
| Euclid | FrankK05 (0.21) | CarchraeBF05 (0.24) | FrostD98 (0.25) | FeldmanG89 (0.25) | LiuJ06 (0.25) |
| Dot | FrankK05 (54.00) | GokPTGO23 (42.00) | PohlAK22 (39.00) | TranDRFWOVB16 (38.00) | Simonis99 (37.00) |
| Cosine | FrankK05 (0.81) | TranDRFWOVB16 (0.59) | JoLLH99 (0.53) | Gronkvist06 (0.50) | OrnekOS20 (0.49) |
| FrankK05 R&C | BenoistGR02 (0.94) | LiW08 (0.94) | EreminW01 (0.97) | BruckerK00 (0.99) | BockmayrK98 (0.99) |
| Euclid | FrankK03 (0.21) | TranDRFWOVB16 (0.27) | AngelsmarkJ00 (0.30) | Johnston05 (0.30) | Hunsberger08 (0.31) |
| Dot | ZarandiASC20 (73.00) | GokPTGO23 (70.00) | Fahimi16 (70.00) | Lombardi10 (69.00) | LaborieRSV18 (67.00) |
| Cosine | FrankK03 (0.81) | TranDRFWOVB16 (0.70) | Johnston05 (0.63) | CatusseCBL16 (0.61) | BarbulescuWH04 (0.60) |
| FriedrichFMRSST14 R&C | DannaP03 (0.92) | ColT2019a (0.92) | ColT19 (0.93) | BartakSR10 (0.94) | Balduccini11 (0.96) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| FrimodigECM23 R&C | | | | | |
| Euclid | FrimodigS19 (0.25) | DoulabiRP16 (0.31) | TopaloglуO11 (0.32) | DoulabiRP14 (0.34) | BourdaisGP03 (0.34) |
| Dot | Dejemeppe16 (115.00) | ZarandiASC20 (106.00) | RoshanaeiLAU17 (101.00) | Froger16 (98.00) | Lombardi10 (97.00) |
| Cosine | FrimodigS19 (0.82) | DoulabiRP16 (0.72) | TopaloglуO11 (0.71) | RoshanaeiLAU17 (0.70) | GurPAE23 (0.65) |
| FrimodigS19 R&C | BhatnagarKL19 (0.75) | GeibingerMM19 (0.78) | LetortBC12 (0.92) | SchausHMCMD11 (0.94) | GarganiR07 (0.94) |
| Euclid | FrimodigECM23 (0.25) | BourdaisGP03 (0.31) | LauLN08 (0.32) | HoYCLLCLC18 (0.32) | MurphyMB15 (0.32) |
| Dot | Dejemeppe16 (97.00) | FrimodigECM23 (94.00) | Lombardi10 (86.00) | LaborieRSV18 (85.00) | SenderovichBB19 (83.00) |
| Cosine | FrimodigECM23 (0.82) | SenderovichBB19 (0.67) | NaderiBZR23 (0.64) | RoshanaeiLAU17 (0.64) | RoshanaeiBAUB20 (0.63) |
| Froger16 R&C | | | | | |
| Euclid | LuZZYW24 (0.54) | EmeretlisTAV17 (0.60) | Hooker19 (0.60) | ForbesHJST24 (0.60) | Wallace06 (0.60) |
| Dot | ZarandiASC20 (227.00) | Groleaz21 (209.00) | Astrand21 (194.00) | Lunardi20 (192.00) | Lombardi10 (189.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | LuZZYW24 (0.66) | Hooker19 (0.57) | Lemos21 (0.56) | EmeretlisTAV17 (0.56) | ForbesHJST24 (0.55) |
| FrohnerTR19 R&C | MusliuSS18 (0.90) | HoYCLLCLC18 (0.90) | BofillEGPSV14 (0.94) | ThiruvadyBME09 (0.94) | ColT19 (0.94) |
| Euclid | ZibranR11 (0.29) | BofillCGGPSV23 (0.29) | ZhangLS12 (0.30) | GeibingerKKMMW21 (0.31) | BarzegaranZP20 (0.31) |
| Dot | ZarandiASC20 (73.00) | KoehlerBFFHPSSS21 (71.00) | Lemos21 (71.00) | Dejemeppe16 (70.00) | Groleaz21 (67.00) |
| Cosine | GeibingerKKMMW21 (0.59) | BofillCGGPSV23 (0.58) | ZibranR11 (0.58) | BarzegaranZP20 (0.58) | ZhangLS12 (0.58) |
| FrostD98 R&C | KhemmoudjPB06 (0.94) | | | | |
| Euclid | Baptiste09 (0.13) | AbrilSB05 (0.13) | CarchraeBF05 (0.13) | FeldmanG89 (0.13) | AngelsmarkJ00 (0.15) |
| Dot | Froger16 (26.00) | Malapert11 (25.00) | Godet21a (23.00) | ZarandiASC20 (23.00) | BajestaniB13 (23.00) |
| Cosine | FeldmanG89 (0.76) | ZhangLS12 (0.67) | CarchraeBF05 (0.60) | GelainPRVW17 (0.59) | ZibranR11 (0.58) |
| FukunagaHFAMN02 R&C | | | | | |
| Euclid | LudwigKRBMS14 (0.17) | AngelsmarkJ00 (0.17) | LiuJ06 (0.18) | WallaceF00 (0.18) | Davis87 (0.18) |
| Dot | ZarandiASC20 (53.00) | Beck99 (51.00) | Lombardi10 (48.00) | Astrand21 (48.00) | BeckDDF98 (48.00) |
| Cosine | LudwigKRBMS14 (0.75) | LouieVNB14 (0.74) | CrawfordB94 (0.71) | BridiLBBM16 (0.70) | WallaceF00 (0.68) |
| GalleguillosKSB19 R&C | BorghesiBLMB18 (0.94) | HurleyOS16 (0.95) | MurinR19 (0.96) | BridiBLMB16 (0.96) | ParkUJR19 (0.97) |
| Euclid | BartoliniBBLM14 (0.23) | Limtanyakul07 (0.25) | HookerY02 (0.27) | DoRZ08 (0.28) | HurleyOS16 (0.28) |
| Dot | ZarandiASC20 (93.00) | Groleaz21 (91.00) | Lombardi10 (86.00) | LaborieRSV18 (85.00) | Godet21a (85.00) |
| Cosine | BartoliniBBLM14 (0.78) | BorghesiBLMB18 (0.74) | Limtanyakul07 (0.72) | BridiBLMB16 (0.71) | CarchraeB09 (0.70) |
| GarganiR07 R&C | HentenryckM08 (0.52) | HeinzSSW12 (0.60) | SchausHMCMD11 (0.67) | DannaP03 (0.88) | LetortBC12 (0.88) |
| Euclid | HentenryckM08 (0.20) | HeinzSSW12 (0.21) | SmithBHW96 (0.27) | SchausHMCMD11 (0.27) | BandaSC11 (0.30) |
| Dot | SchausHMCMD11 (64.00) | German18 (59.00) | GaySS14 (58.00) | Malapert11 (55.00) | LaborieRSV18 (54.00) |
| Cosine | HentenryckM08 (0.79) | HeinzSSW12 (0.78) | SchausHMCMD11 (0.72) | SmithBHW96 (0.59) | LiuLH19a (0.59) |
| GarridoAO09 R&C | GarridoOS08 (0.74) | ZhangLS12 (0.83) | QuirogaZH05 (0.86) | Geske05 (0.86) | BaptisteLPN06 (0.87) |
| Euclid | GarridoOS08 (0.21) | KovacsV04 (0.26) | LiuLH19 (0.28) | GayHLS15 (0.28) | ChuGNSW13 (0.28) |
| Dot | Godet21a (106.00) | Fahimi16 (105.00) | ZarandiASC20 (102.00) | Malapert11 (102.00) | Groleaz21 (101.00) |
| Cosine | GarridoOS08 (0.85) | KovacsV04 (0.78) | JussienL02 (0.72) | LiuLH19 (0.72) | GayHLS15 (0.71) |
| GarridoOS08 R&C | GarridoAO09 (0.74) | ZhangLS12 (0.96) | QuirogaZH05 (0.96) | Geske05 (0.96) | KovacsV04 (0.96) |
| Euclid | GarridoAO09 (0.21) | WallaceF00 (0.26) | LiuLH19 (0.26) | SmithBHW96 (0.27) | BartakS11 (0.28) |
| Dot | Godet21a (93.00) | Fahimi16 (93.00) | Malapert11 (90.00) | Lombardi10 (88.00) | Beck99 (87.00) |
| Cosine | GarridoAO09 (0.85) | Bartak02 (0.71) | GetoorOFC97 (0.71) | LiuLH19 (0.71) | BehrensLM19 (0.70) |
| GayHLS15 R&C | VilimLS15 (0.77) | GayHS15 (0.78) | CauwelaertLS15 (0.81) | HoundjiSWD14 (0.84) | DejemeppeCS15 (0.84) |
| Euclid | LombardiM13 (0.24) | LombardiM10 (0.25) | ChuGNSW13 (0.25) | FortinZDF05 (0.26) | OddiRC10 (0.26) |
| Dot | Godet21a (92.00) | Siala15a (92.00) | Groleaz21 (91.00) | Schutt11 (91.00) | Caballero19 (90.00) |
| Cosine | LombardiM10 (0.77) | TrojetHL11 (0.74) | CestaOF99 (0.73) | KovacsV04 (0.73) | ChuGNSW13 (0.72) |
| GayHS15 R&C | GayHS15a (0.56) | OuelletQ13 (0.60) | LetortBC12 (0.61) | OuelletQ18 (0.72) | Tesch16 (0.73) |
| Euclid | BeldiceanuP07 (0.22) | WolfS05 (0.26) | PoderB08 (0.26) | SimonisH11 (0.28) | SimoninAHL15 (0.29) |
| Dot | Fahimi16 (91.00) | Malapert11 (88.00) | Godet21a (85.00) | Groleaz21 (82.00) | FahimiOQ18 (82.00) |
| Cosine | BeldiceanuP07 (0.79) | WolfS05 (0.72) | PoderB08 (0.70) | SimoninAHL15 (0.69) | SimonisH11 (0.67) |
| GayHS15a R&C | GayHS15 (0.56) | OuelletQ13 (0.61) | KameugneFGOQ18 (0.67) | Tesch16 (0.73) | LetortBC12 (0.75) |
| Euclid | OuelletQ18 (0.23) | Vilim11 (0.25) | OuelletQ22 (0.30) | OuelletQ13 (0.30) | SchuttW10 (0.30) |
| Dot | Schutt11 (132.00) | Fahimi16 (130.00) | FahimiOQ18 (122.00) | Kameugne14 (121.00) | Malapert11 (118.00) |
| Cosine | OuelletQ18 (0.85) | Vilim11 (0.82) | TardivoDFMP23 (0.77) | OuelletQ22 (0.76) | OuelletQ13 (0.76) |
| GaySS14 R&C | DejemeppeCS15 (0.79) | SchausHMCMD11 (0.83) | HoundjiSWD14 (0.83) | Vilim09a (0.83) | CauwelaertLS15 (0.84) |
| Euclid | CauwelaertDMS16 (0.30) | PacinoH11 (0.32) | VilimBC04 (0.32) | DavenportKRSH07 (0.32) | PerezGSL23 (0.32) |
| Dot | Dejemeppe16 (135.00) | Astrand21 (130.00) | Groleaz21 (128.00) | Lombardi10 (124.00) | Baptiste02 (124.00) |
| Cosine | CauwelaertDMS16 (0.75) | Pralet17 (0.73) | CauwelaertDS20 (0.71) | BartakSR08 (0.71) | PacinoH11 (0.71) |
| GedikKBR17 R&C | GedikKEK18 (0.85) | CappartS17 (0.91) | MengLZB21 (0.93) | GongLMW09 (0.93) | CastroGR10 (0.94) |
| Euclid | PerezGSL23 (0.29) | abs-2312-13682 (0.29) | BockmayrP06 (0.29) | AkramNHRSA23 (0.30) | MelgarejoLS15 (0.30) |
| Dot | Groleaz21 (113.00) | IsikYA23 (104.00) | LaborieRSV18 (101.00) | Dejemeppe16 (100.00) | Lunardi20 (99.00) |
| Cosine | GedikKEK18 (0.74) | PerezGSL23 (0.68) | abs-2312-13682 (0.68) | MelgarejoLS15 (0.68) | NishikawaSTT19 (0.67) |
| GedikKEK18 R&C | GedikKBR17 (0.85) | MengZRZL20 (0.87) | GomesM17 (0.91) | KelbelH11 (0.91) | QinDCS20 (0.91) |
| Euclid | TranAB16 (0.31) | ArbaouiY18 (0.31) | TranB12 (0.32) | abs-2305-19888 (0.34) | GedikKBR17 (0.34) |
| Dot | Groleaz21 (189.00) | ZarandiASC20 (171.00) | IsikYA23 (166.00) | Lunardi20 (163.00) | NaderiRR23 (163.00) |
| Cosine | TranAB16 (0.82) | TranB12 (0.80) | ArbaouiY18 (0.79) | abs-2305-19888 (0.77) | YunusogluY22 (0.75) |
| GeibingerKKMMW21 R&C | Simonis07 (0.91) | NishikawaSTT18a (0.93) | Wolf11 (0.96) | NovasH14 (0.97) | Hooker10 (0.98) |
| Euclid | BofillCGGPSV23 (0.29) | Baptiste09 (0.29) | BofillGSV15 (0.30) | ZibranR11 (0.30) | CarchraeBF05 (0.31) |
| Dot | RoshanaeiLAU17 (54.00) | Dejemeppe16 (53.00) | KoehlerBFFHPSSS21 (52.00) | GuoZ23 (52.00) | Lemos21 (50.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | FrohnerTR19 (0.59) | BourdaisGP03 (0.52) | BofillCGGPSV23 (0.52) | HechingH16 (0.50) | BofillGSV15 (0.50) |
| GeibingerMM19 R&C | YoungFS17 (0.75) | FrimodigS19 (0.78) | SzerediS16 (0.80) | BhatnagarKL19 (0.86) | BofillCSV17 (0.89) |
| Euclid | abs-1911-04766 (0.23) | CampeauG22 (0.32) | BhatnagarKL19 (0.34) | GeibingerMM21 (0.34) | HeipckeCCS00 (0.34) |
| Dot | abs-1911-04766 (168.00) | Groleaz21 (151.00) | LaborieRSV18 (148.00) | Dejemeppe16 (145.00) | Lombardi10 (142.00) |
| Cosine | abs-1911-04766 (0.91) | CampeauG22 (0.76) | GeibingerMM21 (0.73) | BhatnagarKL19 (0.72) | HeipckeCCS00 (0.71) |
| GeibingerMM21 R&C | | | | | |
| Euclid | HeipckeCCS00 (0.30) | abs-1911-04766 (0.32) | Laborie18a (0.33) | GeibingerMM19 (0.34) | BhatnagarKL19 (0.35) |
| Dot | abs-1911-04766 (138.00) | Lombardi10 (135.00) | Dejemeppe16 (134.00) | ZarandiASC20 (131.00) | Groleaz21 (131.00) |
| Cosine | abs-1911-04766 (0.81) | HeipckeCCS00 (0.75) | GeibingerMM19 (0.73) | PovedaAA23 (0.72) | VilimLS15 (0.70) |
| GeitzGSSW22 R&C | FahimiOQ18 (0.86) | WolfS05 (0.87) | DejemeppeCS15 (0.89) | Wolf09 (0.89) | WolfS05a (0.90) |
| Euclid | KovacsV06 (0.32) | CauwelaertDMS16 (0.32) | NuijtenP98 (0.33) | KhayatLR06 (0.33) | PengLC14 (0.33) |
| Dot | ZarandiASC20 (165.00) | Baptiste02 (152.00) | Groleaz21 (150.00) | Dejemeppe16 (149.00) | Malapert11 (143.00) |
| Cosine | NuijtenP98 (0.76) | KovacsV06 (0.74) | TorresL00 (0.74) | PengLC14 (0.74) | CauwelaertDMS16 (0.73) |
| GelainPRVW17 R&C | LimBTBB15 (0.80) | BartakSR10 (0.98) | | | |
| Euclid | LiuLH19 (0.20) | FeldmanG89 (0.20) | ZhangLS12 (0.21) | BandaSC11 (0.21) | DilkinaH04 (0.22) |
| Dot | Lemos21 (58.00) | Siala15a (55.00) | BartakSR10 (55.00) | Baptiste02 (55.00) | Godet21a (54.00) |
| Cosine | LiuLH19 (0.80) | ZhangLS12 (0.73) | BartakS11 (0.70) | ZhuS02 (0.69) | BandaSC11 (0.68) |
| German18 R&C | | | | | |
| Euclid | LiuLH19 (0.37) | MalapertCGJLR13 (0.37) | TanSD10 (0.37) | Bartak02a (0.37) | SakkoutW00 (0.38) |
| Dot | Malapert11 (149.00) | Godet21a (145.00) | Siala15a (144.00) | Groleaz21 (144.00) | Baptiste02 (144.00) |
| Cosine | SakkoutW00 (0.69) | VilimLS15 (0.68) | BartakSR08 (0.67) | TanSD10 (0.67) | GrimesH10 (0.67) |
| Geske05 R&C | ZhangLS12 (0.67) | AggounV04 (0.75) | QuirogaZH05 (0.75) | SimonisCK00 (0.75) | KovacsV04 (0.80) |
| Euclid | BridiLBBM16 (0.31) | WolfS05 (0.32) | BockmayrP06 (0.32) | Madi-WambaLOBM17 (0.33) | CappartS17 (0.33) |
| Dot | ZarandiASC20 (114.00) | Baptiste02 (111.00) | Beck99 (107.00) | Malapert11 (105.00) | BartakSR10 (102.00) |
| Cosine | Madi-WambaLOBM17 (0.70) | CappartS17 (0.69) | WuBB09 (0.68) | LammaMM97 (0.66) | BridiLBBM16 (0.66) |
| GetoorOFC97 R&C | | | | | |
| Euclid | KengY89 (0.27) | CrawfordB94 (0.27) | KovacsV04 (0.27) | Prosser89 (0.27) | DoRZ08 (0.27) |
| Dot | ZarandiASC20 (100.00) | Godet21a (97.00) | Groleaz21 (97.00) | Dejemeppe16 (97.00) | Beck99 (97.00) |
| Cosine | KovacsV04 (0.74) | BeckPS03 (0.73) | KengY89 (0.72) | Bartak02a (0.72) | Prosser89 (0.71) |
| GhandehariK22 R&C | RoshanaeiBAUB20 (0.85) | FarsiTM22 (0.86) | YounespourAKE19 (0.86) | ZhaoL14 (0.87) | MengLZB21 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GhasemiMH23 R&C | GhandehariK22 (0.91) | GurPAE23 (0.92) | RoshanaeiBAUB20 (0.93) | FarsiTM22 (0.93) | NaderiRBAU21 (0.93) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GilesH16 R&C | CappartS17 (0.72) | BartoliniBBLM14 (0.78) | FrankDT16 (0.83) | Davenport10 (0.88) | Limtanyakul07 (0.89) |
| Euclid | BeniniBGM05a (0.22) | TranVNB17a (0.23) | ZibranR11a (0.25) | WallaceF00 (0.25) | QuSN06 (0.25) |
| Dot | Astrand21 (81.00) | LaborieRSV18 (79.00) | Beck99 (79.00) | GoelSHFS15 (78.00) | HarjunkoskiMBC14 (78.00) |
| Cosine | GoelSHFS15 (0.78) | BeniniBGM05a (0.76) | TranVNB17a (0.74) | MaraveliasCG04 (0.74) | BoothNB16 (0.72) |
| GingrasQ16 R&C | | | | | |
| Euclid | OuelletQ13 (0.22) | KameugneFND23 (0.27) | KameugneFSN14 (0.27) | KameugneFSN11 (0.28) | WolfS05 (0.29) |
| Dot | Schutt11 (115.00) | FetgoD22 (114.00) | KameugneFND23 (113.00) | Lombardi10 (111.00) | Fahimi16 (111.00) |
| Cosine | OuelletQ13 (0.86) | KameugneFND23 (0.84) | KameugneFSN14 (0.82) | FetgoD22 (0.81) | KameugneFSN11 (0.76) |
| GlobusCLP04 R&C | | | | | |
| Euclid | BarbulescuWH04 (0.25) | Maillard15 (0.29) | VerfaillieL01 (0.30) | CrawfordB94 (0.30) | LudwigKRBMS14 (0.31) |
| Dot | ZarandiASC20 (96.00) | Lunardi20 (89.00) | Astrand21 (87.00) | Froger16 (80.00) | Groleaz21 (76.00) |
| Cosine | BarbulescuWH04 (0.76) | VerfaillieL01 (0.65) | Maillard15 (0.62) | CrawfordB94 (0.60) | KengY89 (0.59) |
| GodardLN05 R&C | | | | | |
| Euclid | HentenryckM04 (0.23) | PacinoH11 (0.25) | VilimBC04 (0.27) | CarchraeB09 (0.27) | CestaOS00 (0.27) |
| Dot | Baptiste02 (132.00) | Dejemeppe16 (126.00) | LaborieRSV18 (124.00) | Lombardi10 (122.00) | Godet21a (118.00) |
| Cosine | HentenryckM04 (0.85) | Pralet17 (0.81) | PacinoH11 (0.81) | CarchraeB09 (0.79) | VilimBC04 (0.78) |
| Godet21a R&C | | | | | |
| Euclid | GodetLHS20 (0.53) | BoudreaultSLQ22 (0.56) | Elkhyari03 (0.56) | Caballero19 (0.57) | ChenGPSH10 (0.57) |
| Dot | Baptiste02 (267.00) | Groleaz21 (263.00) | Malapert11 (262.00) | Dejemeppe16 (262.00) | ZarandiASC20 (256.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GodetLHS20 (0.71) | Caballero19 (0.67) | Elkhyari03 (0.67) | BoudreaultSLQ22 (0.67) | Fahimi16 (0.66) |
| GodetLHS20 R&C | HookerH17 (0.92) | | | | |
| Euclid | HebrardHJMPV16 (0.37) | SialaAH15 (0.38) | TanSD10 (0.38) | HeipckeCCS00 (0.38) | LahimerLH11 (0.38) |
| Dot | Godet21a (188.00) | Baptiste02 (148.00) | Malapert11 (142.00) | Groleaz21 (142.00) | NaderiRR23 (137.00) |
| Cosine | Godet21a (0.71) | HebrardHJMPV16 (0.69) | SialaAH15 (0.68) | GedikKEK18 (0.68) | GrimesH10 (0.68) |
| GoelSHFS15 R&C | GilesH16 (0.90) | UnsalO13 (0.96) | BoothNB16 (0.96) | KreterSSZ18 (0.96) | OzturkTHO12 (0.96) |
| Euclid | GilesH16 (0.26) | BoothNB16 (0.31) | SimoninAHL15 (0.32) | WolfS05 (0.33) | CappartTSR18 (0.33) |
| Dot | LaborieRSV18 (126.00) | Groleaz21 (110.00) | Astrand21 (104.00) | Lunardi20 (101.00) | Malapert11 (99.00) |
| Cosine | GilesH16 (0.78) | CappartTSR18 (0.71) | BoothNB16 (0.70) | SerraNM12 (0.69) | TranVNB17 (0.68) |
| GokGSTO20 R&C | MusliuSS18 (0.86) | AmadiniGM16 (0.93) | ElkhyariGJ02 (0.95) | FrohnerTR19 (0.95) | HebrardHJMPV16 (0.95) |
| Euclid | TranDRFWOVB16 (0.35) | KusterJF07 (0.36) | LombardiM13 (0.36) | GokPTGO23 (0.37) | BhatnagarKL19 (0.37) |
| Dot | Groleaz21 (121.00) | ZarandiASC20 (120.00) | Lombardi10 (115.00) | LaborieRSV18 (114.00) | GokPTGO23 (114.00) |
| Cosine | GokPTGO23 (0.72) | KusterJF07 (0.65) | TranDRFWOVB16 (0.64) | WangB23 (0.60) | LombardiM10 (0.60) |
| GokPTGO23 R&C | | | | | |
| Euclid | BeckPS03 (0.37) | GokGSTO20 (0.37) | BhatnagarKL19 (0.38) | LombardiM09 (0.38) | TranDRFWOVB16 (0.38) |
| Dot | ZarandiASC20 (195.00) | Lombardi10 (167.00) | Groleaz21 (164.00) | Astrand21 (164.00) | Dejemeppe16 (163.00) |
| Cosine | LombardiM12 (0.73) | GokGSTO20 (0.72) | BeckPS03 (0.71) | abs-1902-09244 (0.68) | HauderBRPA20 (0.68) |
| GokgurHO18 R&C | MercierH07 (0.86) | DorndorfHP99 (0.92) | Vilim05 (0.92) | YunusogluY22 (0.93) | ArbaouiY18 (0.93) |
| Euclid | BartakSR08 (0.30) | BeckF00 (0.33) | BeckF00a (0.35) | OrnekO16 (0.35) | BaptisteP97 (0.36) |
| Dot | Baptiste02 (223.00) | Dejemeppe16 (199.00) | Malapert11 (195.00) | Fahimi16 (193.00) | Lombardi10 (192.00) |
| Cosine | BartakSR08 (0.83) | BartakSR10 (0.80) | BeckF00 (0.79) | OrnekO16 (0.77) | PapaB98 (0.77) |
| GoldwaserS17 R&C | KletzanderM17 (0.74) | SchnellH17 (0.93) | CambazardJ05 (0.94) | Hooker04 (0.95) | CobanH10 (0.95) |
| Euclid | GoldwaserS18 (0.23) | KletzanderM17 (0.25) | HoundjiSWD14 (0.28) | BockmayrP06 (0.28) | FoxAS82 (0.29) |
| Dot | GoldwaserS18 (88.00) | Froger16 (72.00) | MilanoW09 (71.00) | NaderiRR23 (69.00) | Lombardi10 (69.00) |
| Cosine | GoldwaserS18 (0.86) | KletzanderM17 (0.68) | BockmayrP06 (0.64) | BajestaniB11 (0.63) | Hooker06 (0.63) |
| GoldwaserS18 R&C | HamdiL13 (0.90) | CireCH13 (0.91) | TerekhovDOB12 (0.94) | CobanH10 (0.94) | Sadykov04 (0.95) |
| Euclid | GoldwaserS17 (0.23) | BockmayrP06 (0.33) | BeldiceanuP07 (0.34) | LozanoCDS12 (0.34) | Hooker05a (0.35) |
| Dot | Godet21a (108.00) | Froger16 (104.00) | Lombardi10 (102.00) | MilanoW09 (100.00) | Fahimi16 (99.00) |
| Cosine | GoldwaserS17 (0.86) | Hooker06 (0.66) | ForbesHJST24 (0.66) | BockmayrP06 (0.66) | EreminW01 (0.65) |
| Goltz95 R&C | Colombani96 (0.75) | Simonis95a (0.79) | Wolf03 (0.80) | Simonis99 (0.84) | Zhou96 (0.86) |
| Euclid | CrawfordB94 (0.28) | Simonis95 (0.29) | SimonisC95 (0.29) | Caseau97 (0.29) | FoxAS82 (0.29) |
| Dot | Baptiste02 (102.00) | BosiM2001 (102.00) | Malapert11 (100.00) | AggounB93 (99.00) | Fahimi16 (96.00) |
| Cosine | AggounB93 (0.77) | SimonisC95 (0.75) | BosiM2001 (0.74) | Zhou97 (0.71) | Zhou96 (0.71) |
| GombolayWS18 R&C | HamP21 (0.94) | Hooker07 (0.95) | LiW08 (0.95) | CireCH16 (0.95) | Hooker04 (0.95) |
| Euclid | ZhangYW21 (0.39) | NaderiBZ22a (0.39) | BeckF98 (0.41) | HeinzNVH22 (0.42) | BeckPS03 (0.42) |
| Dot | ZarandiASC20 (204.00) | Groleaz21 (190.00) | Astrand21 (177.00) | Lombardi10 (170.00) | Dejemeppe16 (170.00) |
| Cosine | NaderiBZ22a (0.74) | ZhangYW21 (0.72) | BeckF98 (0.71) | JainM99 (0.68) | HeinzNVH22 (0.68) |
| GomesHS06 R&C | | | | | |
| Euclid | Hunsberger08 (0.19) | SunLYL10 (0.19) | QuSN06 (0.19) | BeniniBGM05a (0.21) | AngelsmarkJ00 (0.21) |
| Dot | BartakSR10 (50.00) | ZarandiASC20 (49.00) | LombardiMRB10 (47.00) | Beck99 (47.00) | PrataAN23 (46.00) |
| Cosine | QuSN06 (0.74) | HoeveGSL07 (0.73) | SunLYL10 (0.72) | PesantGPR99 (0.70) | AkramNHRSA23 (0.69) |
| GomesM17 R&C | CireCH16 (0.89) | CobanH10 (0.90) | GedikKEK18 (0.91) | CireCH13 (0.91) | TranAB16 (0.92) |
| Euclid | TranB12 (0.29) | TranAB16 (0.31) | BogaerdtW19 (0.32) | ParkUJR19 (0.35) | ThiruvadyBME09 (0.37) |
| Dot | ZarandiASC20 (146.00) | Groleaz21 (139.00) | TranAB16 (132.00) | NaderiRR23 (128.00) | Lunardi20 (126.00) |
| Cosine | TranB12 (0.81) | TranAB16 (0.81) | BogaerdtW19 (0.71) | GedikKEK18 (0.70) | NaderiBZ22 (0.69) |
| GongLMW09 R&C | CobanH10 (0.73) | HamdiL13 (0.77) | CireCH13 (0.80) | CobanH11 (0.84) | Beck10 (0.84) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GrimesH10 R&C | GrimesH11 (0.65) | GrimesHM09 (0.70) | GrimesH15 (0.72) | ArtiguesBF04 (0.76) | DejemeppeCS15 (0.77) |
| Euclid | MalapertCGJLR13 (0.30) | ArtiguesBF04 (0.30) | SialaAH15 (0.31) | FocacciLN00 (0.31) | ArtiguesF07 (0.32) |
| Dot | Malapert11 (176.00) | GrimesH15 (171.00) | Groleaz21 (168.00) | Baptiste02 (165.00) | ZarandiASC20 (164.00) |
| Cosine | GrimesH15 (0.81) | ArtiguesBF04 (0.79) | FocacciLN00 (0.79) | GrimesH11 (0.79) | MalapertCGJLR13 (0.79) |
| GrimesH11 R&C | GrimesH10 (0.65) | GrimesH15 (0.77) | GrimesHM09 (0.83) | DannaP03 (0.88) | Laborie09 (0.88) |
| Euclid | GrimesH10 (0.33) | MonetteDH09 (0.34) | BeckR03 (0.34) | VilimLS15 (0.35) | CarchraeB09 (0.35) |
| Dot | Groleaz21 (196.00) | GrimesH15 (189.00) | Baptiste02 (186.00) | Dejemeppe16 (185.00) | Malapert11 (184.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GrimesH15 (0.82) | GrimesH10 (0.79) | MonetteDH09 (0.77) | KelbelH11 (0.77) | BeckR03 (0.77) |
| GrimesH15 R&C | GrimesHM09 (0.70) | GrimesH10 (0.72) | GrimesH11 (0.77) | CarchraeB09 (0.81) | BaptisteLPN06 (0.83) |
| Euclid | GrimesH11 (0.36) | GrimesH10 (0.37) | MalapertCGJLR12 (0.40) | GrimesHM09 (0.42) | BartakSR08 (0.43) |
| Dot | Groleaz21 (259.00) | Dejemeppe16 (247.00) | ZarandiASC20 (245.00) | Malapert11 (236.00) | Baptiste02 (235.00) |
| Cosine | GrimesH11 (0.82) | GrimesH10 (0.81) | MalapertCGJLR12 (0.77) | NaderiRR23 (0.76) | GrimesHM09 (0.75) |
| GrimesHM09 R&C | WatsonB08 (0.62) | GrimesH10 (0.70) | GrimesH15 (0.70) | BeckFW11 (0.74) | MalapertCGJLR12 (0.78) |
| Euclid | MalapertCGJLR13 (0.28) | SialaAH15 (0.30) | Bit-Monnot23 (0.30) | MonetteDD07 (0.32) | MalapertCGJLR12 (0.32) |
| Dot | Malapert11 (160.00) | GrimesH15 (149.00) | Siala15a (142.00) | Fahimi16 (142.00) | Groleaz21 (136.00) |
| Cosine | MalapertCGJLR12 (0.80) | MalapertCGJLR13 (0.80) | Bit-Monnot23 (0.79) | SialaAH15 (0.77) | GrimesH10 (0.75) |
| GrimesIOS14 R&C | IfrimOS12 (0.81) | | | | |
| Euclid | IfrimOS12 (0.26) | HurleyOS16 (0.29) | BockmayrP06 (0.31) | KinsellaS0OS16 (0.33) | AntunesABD18 (0.33) |
| Dot | ZarandiASC20 (107.00) | Groleaz21 (106.00) | Lombardi10 (104.00) | Astrand21 (99.00) | Baptiste02 (98.00) |
| Cosine | IfrimOS12 (0.78) | HurleyOS16 (0.71) | BockmayrP06 (0.67) | TranPZLDB18 (0.65) | QuirogaZH05 (0.64) |
| Groleaz21 R&C | | | | | |
| Euclid | GrimesH15 (0.60) | NaderiRR23 (0.61) | AwadMDMT22 (0.62) | PrataAN23 (0.63) | Astrand21 (0.63) |
| Dot | ZarandiASC20 (368.00) | Dejemeppe16 (324.00) | Baptiste02 (318.00) | Lunardi20 (293.00) | Astrand21 (293.00) |
| Cosine | GrimesH15 (0.70) | NaderiRR23 (0.70) | Astrand21 (0.69) | Lunardi20 (0.68) | Baptiste02 (0.68) |
| GroleazNS20 R&C | GroleazNS20a (0.79) | FetgoD22 (0.91) | GayHS15 (0.91) | LetortBC12 (0.92) | GayHS15a (0.92) |
| Euclid | GroleazNS20a (0.30) | Balduccini11 (0.35) | SmithC93 (0.35) | HeipckeCCS00 (0.36) | PengLC14 (0.36) |
| Dot | Groleaz21 (184.00) | Dejemeppe16 (158.00) | ZarandiASC20 (139.00) | Lombardi10 (139.00) | Baptiste02 (134.00) |
| Cosine | GroleazNS20a (0.81) | PengLC14 (0.69) | GaySS14 (0.69) | HeipckeCCS00 (0.68) | Balduccini11 (0.68) |
| GroleazNS20a R&C | GroleazNS20 (0.79) | BaptisteB18 (0.81) | ColT19 (0.90) | OuelletQ13 (0.91) | PoderBS04 (0.94) |
| Euclid | GroleazNS20 (0.30) | GedikKBR17 (0.37) | Limtanyakul07 (0.37) | HeipckeCCS00 (0.38) | Laborie09 (0.38) |
| Dot | Groleaz21 (172.00) | Dejemeppe16 (147.00) | ZarandiASC20 (145.00) | Lunardi20 (138.00) | NaderiRR23 (129.00) |
| Cosine | GroleazNS20 (0.81) | Laborie09 (0.66) | GedikKEK18 (0.65) | MeyerE04 (0.64) | AwadMDMT22 (0.64) |
| Gronkvist06 R&C | MilanoW06 (0.90) | BosiM2001 (0.93) | EastonNT02 (0.93) | Milano11 (0.93) | Hooker06a (0.94) |
| Euclid | ZibranR11a (0.29) | ZibranR11 (0.30) | Puget95 (0.30) | ZhangLS12 (0.31) | WallaceF00 (0.31) |
| Dot | ZarandiASC20 (90.00) | Fahimi16 (84.00) | Dejemeppe16 (80.00) | Simonis07 (78.00) | Lombardi10 (78.00) |
| Cosine | ZibranR11a (0.65) | ChunCTY99 (0.64) | Mason01 (0.64) | HachemiGR11 (0.63) | ZibranR11 (0.62) |
| GruianK98 R&C | KuchcinskiW03 (0.96) | LombardiMRB10 (0.98) | | | |
| Euclid | Simonis95 (0.27) | KuchcinskiW03 (0.29) | Simonis95a (0.29) | WallaceF00 (0.30) | ErtlK91 (0.31) |
| Dot | Simonis99 (90.00) | Kuchcinski03 (87.00) | Simonis07 (85.00) | Malapert11 (85.00) | Wallace96 (82.00) |
| Cosine | Simonis95a (0.73) | Simonis95 (0.70) | BeldiceanuC94 (0.68) | Simonis99 (0.68) | KuchcinskiW03 (0.66) |
| GuSS13 R&C | GuSSWC14 (0.51) | GuSW12 (0.60) | SchuttCSW12 (0.66) | ThiruvadyWGS14 (0.74) | SchuttFSW15 (0.83) |
| Euclid | GuSW12 (0.22) | SchuttCSW12 (0.25) | ThiruvadyWGS14 (0.29) | LombardiM13 (0.30) | BofillCSV17a (0.30) |
| Dot | ZarandiASC20 (94.00) | Lombardi10 (93.00) | Schutt11 (92.00) | Caballero19 (86.00) | Godet21a (85.00) |
| Cosine | GuSW12 (0.81) | SchuttCSW12 (0.78) | ThiruvadyWGS14 (0.73) | SchnellH15 (0.66) | BofillCSV17a (0.66) |
| GuSSWC14 R&C | GuSS13 (0.51) | GuSW12 (0.59) | SchuttCSW12 (0.72) | SchuttFSW15 (0.80) | ThiruvadyWGS14 (0.85) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GuSW12 R&C | SchuttCSW12 (0.59) | GuSSWC14 (0.59) | GuSS13 (0.60) | NeronABCDD06 (0.84) | ThiruvadyWGS14 (0.88) |
| Euclid | GuSS13 (0.22) | SchuttCSW12 (0.23) | BofillCSV17 (0.24) | LombardiM13 (0.25) | LeeKLKKYHP97 (0.26) |
| Dot | ZarandiASC20 (86.00) | Lombardi10 (84.00) | Schutt11 (84.00) | Godet21a (83.00) | Dejemeppe16 (82.00) |
| Cosine | SchuttCSW12 (0.81) | GuSS13 (0.81) | BofillCSV17 (0.76) | ThiruvadyWGS14 (0.72) | LombardiM13 (0.71) |
| GunerGSKD23 R&C | CilKLO22 (0.91) | OzturkTHO13 (0.93) | AbidinK20 (0.94) | Pinarbasi21 (0.94) | PinarbasiA20 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GuoHLW20 R&C | MartnezAJ22 (0.88) | CireCH16 (0.90) | SunTB19 (0.91) | UnsalO19 (0.91) | AgussurjaKL18 (0.92) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| GuoZ23 R&C | MartnezAJ22 (0.91) | ElciOH22 (0.92) | NaderiRBAU21 (0.92) | RoshanaeiBAUB20 (0.94) | NaderiBZR23 (0.94) |
| Euclid | ElciOH22 (0.42) | RoshanaeiLAU17 (0.42) | CireCH13 (0.43) | ForbesHJST24 (0.43) | NaderiBZR23 (0.43) |
| Dot | ZarandiASC20 (133.00) | HarjunkoskiMBC14 (126.00) | Groleaz21 (123.00) | LaborieRSV18 (122.00) | Lunardi20 (122.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | RoshanaeiLAU17 (0.66) | NaderiBZR23 (0.64) | ElciOH22 (0.64) | Hooker19 (0.62) | ForbesHJST24 (0.62) |
| GurEA19 R&C | GurPAE23 (0.85) | WangMD15 (0.88) | GhandehariK22 (0.88) | ZhaoL14 (0.91) | RoshanaeiBAUB20 (0.91) |
| Euclid | GurPAE23 (0.24) | DoulabiRP16 (0.25) | MeskensDHG11 (0.28) | RiiseML16 (0.29) | WangMD15 (0.29) |
| Dot | ZarandiASC20 (100.00) | WangMD15 (95.00) | RoshanaeiLAU17 (93.00) | GurPAE23 (92.00) | RoshanaeiBAUB20 (92.00) |
| Cosine | GurPAE23 (0.83) | DoulabiRP16 (0.80) | WangMD15 (0.77) | RiiseML16 (0.77) | MeskensDHG11 (0.74) |
| GurPAE23 R&C | GurEA19 (0.85) | FarsiTM22 (0.92) | GhasemiMH23 (0.92) | PinarbasiA20 (0.94) | Alaka21 (0.95) |
| Euclid | GurEA19 (0.24) | DoulabiRP16 (0.26) | MeskensDHG11 (0.27) | WangMD15 (0.29) | BourdaisGP03 (0.33) |
| Dot | ZarandiASC20 (109.00) | WangMD15 (98.00) | RoshanaeiLAU17 (94.00) | FarsiTM22 (92.00) | GurEA19 (92.00) |
| Cosine | GurEA19 (0.83) | DoulabiRP16 (0.78) | WangMD15 (0.78) | MeskensDHG11 (0.76) | RoshanaeiLAU17 (0.69) |
| GuyonLPR12 R&C | MilanoW09 (0.84) | BajestaniB15 (0.88) | CobanH10 (0.89) | CireCH13 (0.89) | CireCH16 (0.89) |
| Euclid | KhayatLR06 (0.31) | TanSD10 (0.32) | BillautHL12 (0.32) | HeipckeCCS00 (0.32) | TanT18 (0.33) |
| Dot | Godet21a (155.00) | Baptiste02 (152.00) | Groleaz21 (151.00) | ZarandiASC20 (148.00) | Malapert11 (147.00) |
| Cosine | KhayatLR06 (0.76) | JuvinHL22 (0.76) | TanSD10 (0.75) | BillautHL12 (0.74) | HeipckeCCS00 (0.74) |
| HachemiGR11 R&C | Limtanyakul07 (0.91) | EdisO11a (0.93) | Beck10 (0.93) | ChuX05 (0.94) | Wallace06 (0.94) |
| Euclid | ZibranR11a (0.31) | BeniniLMMR08 (0.31) | LozanoCDS12 (0.32) | CorreaLR07 (0.32) | MaraveliasCG04 (0.32) |
| Dot | Dejemeppe16 (110.00) | Malapert11 (107.00) | ZarandiASC20 (106.00) | MilanoW09 (104.00) | LaborieRSV18 (103.00) |
| Cosine | QinDS16 (0.73) | NovasH12 (0.72) | MaraveliasCG04 (0.71) | NovasH14 (0.71) | ZeballosH05 (0.70) |
| Ham18 R&C | Ham18a (0.87) | Ham20 (0.93) | Ham20a (0.93) | OujanaAYB22 (0.94) | SadykovW06 (0.95) |
| Euclid | Ham20a (0.25) | Ham18a (0.28) | MakMS10 (0.30) | HamP21 (0.31) | JuvinHL23 (0.32) |
| Dot | ZarandiASC20 (137.00) | Groleaz21 (137.00) | Lunardi20 (134.00) | Malapert11 (126.00) | Astrand21 (125.00) |
| Cosine | Ham20a (0.83) | Ham18a (0.80) | HamP21 (0.74) | ZeballosH05 (0.72) | NovasH14 (0.72) |
| Ham18a R&C | NattafDYW19 (0.84) | Ham18 (0.87) | HamFC17 (0.89) | LaborieRSV18 (0.89) | Ham20 (0.91) |
| Euclid | Ham18 (0.28) | NattafDYW19 (0.28) | ArbaouiY18 (0.30) | HamFC17 (0.30) | Ham20a (0.30) |
| Dot | Groleaz21 (151.00) | ZarandiASC20 (147.00) | Lunardi20 (146.00) | Astrand21 (137.00) | Malapert11 (134.00) |
| Cosine | Ham18 (0.80) | NattafDYW19 (0.80) | HamFC17 (0.77) | ArbaouiY18 (0.77) | abs-2305-19888 (0.77) |
| Ham20 R&C | Ham20a (0.00) | HamP21 (0.91) | Ham18a (0.91) | Laborie18a (0.92) | LaborieRSV18 (0.93) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Ham20a R&C | Ham20 (0.00) | HamP21 (0.91) | Ham18a (0.91) | Laborie18a (0.92) | LaborieRSV18 (0.93) |
| Euclid | Ham18 (0.25) | HamP21 (0.27) | BukchinR18 (0.29) | Ham18a (0.30) | HeipckeCCS00 (0.30) |
| Dot | Groleaz21 (127.00) | Lunardi20 (126.00) | ZarandiASC20 (126.00) | Astrand21 (126.00) | LaborieRSV18 (124.00) |
| Cosine | Ham18 (0.83) | HamP21 (0.81) | Ham18a (0.76) | HamFC17 (0.75) | BukchinR18 (0.74) |
| HamC16 R&C | LunardiBLRV20 (0.88) | HamFC17 (0.91) | ZhangW18 (0.92) | LaborieRSV18 (0.92) | MengZRZL20 (0.93) |
| Euclid | ArtiguesF07 (0.30) | ArtiguesBF04 (0.30) | BillautHL12 (0.31) | Ham18a (0.31) | Teppan22 (0.32) |
| Dot | ZarandiASC20 (145.00) | Lunardi20 (136.00) | MengZRZL20 (131.00) | Groleaz21 (127.00) | Malapert11 (123.00) |
| Cosine | ArtiguesF07 (0.78) | HamPK21 (0.75) | ArtiguesBF04 (0.75) | Ham18a (0.75) | MengZRZL20 (0.72) |
| HamFC17 R&C | TangB20 (0.88) | Ham18a (0.89) | HamC16 (0.91) | LacknerMMWW23 (0.92) | MalapertGR12 (0.92) |
| Euclid | Ham18a (0.30) | Ham20a (0.30) | KoschB14 (0.32) | TanSD10 (0.32) | HamC16 (0.33) |
| Dot | ZarandiASC20 (142.00) | Groleaz21 (133.00) | Malapert11 (128.00) | AwadMDMT22 (128.00) | Astrand21 (122.00) |
| Cosine | Ham18a (0.77) | KoschB14 (0.75) | Ham20a (0.75) | AwadMDMT22 (0.72) | TanSD10 (0.72) |
| HamP21 R&C | LaborieRSV18 (0.85) | HeinzNVH22 (0.87) | LunardiBLRV20 (0.89) | ColT2019a (0.89) | MurinR19 (0.89) |
| Euclid | Ham20a (0.27) | Teppan22 (0.29) | HeipckeCCS00 (0.30) | LiFJZLL22 (0.31) | NishikawaSTT18 (0.31) |
| Dot | Lunardi20 (140.00) | ZarandiASC20 (133.00) | Groleaz21 (128.00) | LaborieRSV18 (127.00) | ColT22 (127.00) |
| Cosine | Ham20a (0.81) | Teppan22 (0.78) | LiFJZLL22 (0.75) | CarchraeB09 (0.74) | HeipckeCCS00 (0.74) |
| HamPK21 R&C | MengLZB21 (0.85) | HoYCLLCLC18 (0.88) | MengZRZL20 (0.89) | ZhangYW21 (0.90) | LunardiBLRV20 (0.92) |
| Euclid | ZhangYW21 (0.31) | HamC16 (0.34) | BillautHL12 (0.35) | MengGRZSC22 (0.36) | NaderiBZ22a (0.37) |
| Dot | ZarandiASC20 (195.00) | Lunardi20 (185.00) | Groleaz21 (179.00) | IsikYA23 (169.00) | MengZRZL20 (167.00) |
| Cosine | ZhangYW21 (0.79) | MengZRZL20 (0.78) | MengGRZSC22 (0.77) | HamC16 (0.75) | NaderiBZ22a (0.75) |
| HamdiL13 R&C | CireCH13 (0.42) | CobanH10 (0.71) | BeniniLMMR08 (0.73) | ChuX05 (0.74) | CobanH11 (0.75) |
| Euclid | CobanH11 (0.26) | HookerO03 (0.26) | ChuX05 (0.27) | Hooker06 (0.27) | Hooker05a (0.27) |
| Dot | Groleaz21 (127.00) | Baptiste02 (126.00) | Lombardi10 (121.00) | ZarandiASC20 (119.00) | PrataAN23 (118.00) |
| Cosine | CobanH11 (0.82) | Hooker06 (0.79) | HookerO03 (0.78) | ChuX05 (0.78) | Hooker05a (0.76) |
| Hamscher91 R&C | | | | | |
| Euclid | Baptiste09 (0.17) | AbrilSB05 (0.20) | Layfield02 (0.20) | MaraveliasG04 (0.21) | Davis87 (0.21) |
| Dot | Froger16 (26.00) | PopovicCGNC22 (22.00) | Timpe02 (21.00) | TerekhovDOB12 (21.00) | Jans09 (21.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Jans09 (0.44) | RossiTHP07 (0.44) | PopovicCGNC22 (0.44) | HebrardALLCMR22 (0.42) | Baptiste09 (0.42) |
| HanenKP21 R&C | Tesch18 (0.79) | CarlierPSJ20 (0.83) | OuelletQ18 (0.83) | CarlierSJP21 (0.90) | FetgoD22 (0.91) |
| Euclid | CarlierPSJ20 (0.22) | HeipckeCCS00 (0.28) | Limtanyakul07 (0.30) | Tesch18 (0.30) | PoderBS04 (0.31) |
| Dot | Baptiste02 (154.00) | Lombardi10 (146.00) | Groleaz21 (140.00) | Dejemeppe16 (137.00) | Fahimi16 (136.00) |
| Cosine | CarlierPSJ20 (0.87) | HeipckeCCS00 (0.78) | Tesch18 (0.78) | BaptistePN99 (0.77) | ArkhipovBL19 (0.77) |
| HarjunkoskiG02 R&C | JainG01 (0.74) | RoePS05 (0.75) | MaraveliasCG04 (0.77) | HarjunkoskiJG00 (0.81) | Thorsteinsson01 (0.87) |
| Euclid | JainG01 (0.23) | Colombani96 (0.26) | Limtanyakul07 (0.27) | KrogtLPHJ07 (0.28) | DavenportKRSH07 (0.29) |
| Dot | Baptiste02 (122.00) | ZarandiASC20 (116.00) | Dejemeppe16 (116.00) | Malapert11 (114.00) | Beck99 (112.00) |
| Cosine | JainG01 (0.85) | Colombani96 (0.79) | KhayatLR06 (0.75) | DavenportKRSH07 (0.74) | Limtanyakul07 (0.74) |
| HarjunkoskiJG00 R&C | HarjunkoskiG02 (0.81) | JainG01 (0.87) | BockmayrK98 (0.89) | PintoG97 (0.92) | RoePS05 (0.92) |
| Euclid | RenT09 (0.26) | HebrardTW05 (0.27) | BofillGSV15 (0.28) | Davis87 (0.29) | PesantGPR99 (0.29) |
| Dot | HarjunkoskiMBC14 (74.00) | KanetAG04 (73.00) | JainG01 (73.00) | Malapert11 (73.00) | HookerO99 (73.00) |
| Cosine | HookerO99 (0.72) | RenT09 (0.72) | JainG01 (0.71) | HarjunkoskiG02 (0.68) | HookerOTK00 (0.63) |
| HarjunkoskiMBC14 R&C | NovaraNH16 (0.90) | ZeballosNH11 (0.91) | MaraveliasCG04 (0.92) | NovasH10 (0.92) | ZeballosCM10 (0.93) |
| Euclid | NovasH10 (0.48) | BidotVLB09 (0.49) | LopesCSM10 (0.50) | EscobetPQPRA19 (0.50) | BeckDDF98 (0.50) |
| Dot | ZarandiASC20 (231.00) | Groleaz21 (231.00) | Astrand21 (204.00) | Lombardi10 (200.00) | Dejemeppe16 (199.00) |
| Cosine | NovasH10 (0.68) | BeckDDF98 (0.66) | BidotVLB09 (0.66) | LopesCSM10 (0.64) | EscobetPQPRA19 (0.64) |
| HauderBRPA20 R&C | SchnellH17 (0.89) | SubulanC22 (0.92) | EdwardsBSE19 (0.92) | KreterSSZ18 (0.92) | SchnellH15 (0.93) |
| Euclid | abs-1902-09244 (0.11) | BeckPS03 (0.35) | MonetteDH09 (0.38) | LaborieR14 (0.38) | BeckR03 (0.38) |
| Dot | ZarandiASC20 (202.00) | abs-1902-09244 (200.00) | Dejemeppe16 (184.00) | Groleaz21 (183.00) | LaborieRSV18 (175.00) |
| Cosine | abs-1902-09244 (0.98) | BeckPS03 (0.76) | YuraszeckMCCR23 (0.73) | MonetteDH09 (0.72) | BeckR03 (0.72) |
| He0GLW18 R&C | MurphyMB15 (0.98) | | | | |
| Euclid | Hunsberger08 (0.22) | AbrilSB05 (0.23) | Baptiste09 (0.24) | CarchraeBF05 (0.24) | FukunagaHFAMN02 (0.24) |
| Dot | ZarandiASC20 (52.00) | GombolayWS18 (50.00) | Lemos21 (45.00) | Zahout21 (42.00) | Beck99 (42.00) |
| Cosine | Hunsberger08 (0.60) | HoeveGSL07 (0.59) | SultanikMR07 (0.57) | LimHTB16 (0.52) | FukunagaHFAMN02 (0.51) |
| HebrardALLCMR22 R&C | | | | | |
| Euclid | Baptiste09 (0.17) | CarchraeBF05 (0.18) | FrostD98 (0.18) | ZibranR11 (0.18) | Davis87 (0.18) |
| Dot | Malapert11 (36.00) | PapeB97 (33.00) | BaptisteP00 (33.00) | DerrienPZ14 (33.00) | ClautiauxJCM08 (33.00) |
| Cosine | ZibranR11 (0.67) | ZibranR11a (0.63) | WolfS05 (0.63) | Baptiste09 (0.62) | PoderB08 (0.62) |
| HebrardHJMPV16 R&C | ElkhyariGJ02 (0.93) | BarlattCG08 (0.94) | BertholdHLMS10 (0.94) | WikarekS19 (0.95) | SchuttW10 (0.95) |
| Euclid | DoRZ08 (0.27) | CrawfordB94 (0.28) | LauLN08 (0.31) | LahimerLH11 (0.31) | BridiLBBM16 (0.31) |
| Dot | Godet21a (92.00) | GodetLHS20 (90.00) | Groleaz21 (90.00) | Baptiste02 (88.00) | Lunardi20 (87.00) |
| Cosine | DoRZ08 (0.70) | GodetLHS20 (0.69) | Ham18a (0.67) | CrawfordB94 (0.66) | ParkUJR19 (0.65) |
| HebrardTW05 R&C | Puget95 (0.80) | BeckF00a (0.85) | VilimBC04 (0.86) | VilimBC05 (0.88) | Vilim04 (0.88) |
| Euclid | AngelsmarkJ00 (0.12) | Baptiste09 (0.14) | KovacsEKV05 (0.14) | CarchraeBF05 (0.15) | Davis87 (0.15) |
| Dot | abs-2211-14492 (33.00) | KanetAG04 (33.00) | HeckmanB11 (33.00) | ZarandiASC20 (33.00) | Siala15a (33.00) |
| Cosine | Colombani96 (0.75) | CrawfordB94 (0.74) | Beck06 (0.74) | RenT09 (0.74) | WatsonB08 (0.73) |
| HechingH16 R&C | HamdiL13 (0.83) | CireCH13 (0.85) | Beck10 (0.90) | Sadykov04 (0.90) | BeniniLMMR08 (0.91) |
| Euclid | CireCH13 (0.24) | CireCH16 (0.26) | CambazardJ05 (0.28) | HookerO03 (0.28) | Hooker05b (0.29) |
| Dot | Lombardi10 (73.00) | NaderiBZR23 (73.00) | RoshanaeiBAUB20 (68.00) | Dejemeppe16 (68.00) | RoshanaeiN21 (66.00) |
| Cosine | CireCH13 (0.74) | CireCH16 (0.72) | NaderiBZR23 (0.66) | HookerO03 (0.64) | CobanH11 (0.64) |
| HechingHK19 R&C | CireCH16 (0.74) | ZarandiB12 (0.74) | TranAB16 (0.75) | Beck10 (0.81) | Hooker07 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| HeckmanB11 R&C | BeckFW11 (0.80) | WatsonB08 (0.82) | GrimesHM09 (0.88) | ChenGPSH10 (0.89) | MenciaSV12 (0.92) |
| Euclid | Beck07 (0.22) | Beck06 (0.23) | WatsonB08 (0.24) | BeckDSF97a (0.24) | BeckPS03 (0.24) |
| Dot | ZarandiASC20 (134.00) | Beck99 (134.00) | Dejemeppe16 (133.00) | Lombardi10 (128.00) | Baptiste02 (128.00) |
| Cosine | Beck07 (0.87) | BeckPS03 (0.84) | Beck06 (0.83) | WatsonB08 (0.83) | BeckDSF97a (0.83) |
| HeinzB12 R&C | HeinzKB13 (0.58) | HeinzS11 (0.69) | CobanH10 (0.82) | CireCH16 (0.84) | Hooker05a (0.86) |
| Euclid | HeinzKB13 (0.20) | CireCH13 (0.26) | HookerY02 (0.29) | ChuX05 (0.29) | Beck10 (0.31) |
| Dot | Lombardi10 (113.00) | MilanoW09 (106.00) | Groleaz21 (106.00) | LaborieRSV18 (103.00) | HookerH17 (103.00) |
| Cosine | HeinzKB13 (0.88) | CireCH13 (0.79) | HookerY02 (0.73) | ChuX05 (0.73) | Hooker05 (0.73) |
| HeinzKB13 R&C | HeinzB12 (0.58) | CireCH16 (0.79) | CireCH13 (0.84) | HeinzSB13 (0.85) | TranAB16 (0.87) |
| Euclid | CireCH13 (0.18) | HeinzB12 (0.20) | HookerY02 (0.21) | Beck10 (0.23) | ChuX05 (0.24) |
| Dot | MilanoW09 (92.00) | HookerH17 (91.00) | Lombardi10 (91.00) | HeinzB12 (91.00) | BajestaniB13 (89.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | HeinzB12 (0.88) | CireCH13 (0.86) | HookerY02 (0.82) | Beck10 (0.81) | ChuX05 (0.77) |
| HeinzNVH22 R&C | BenediktMH20 (0.81) | MurinR19 (0.81) | AbreuNP23 (0.83) | AwadMDMT22 (0.86) | HamP21 (0.87) |
| Euclid | abs-2305-19888 (0.13) | ArbaouiY18 (0.31) | BenderWS21 (0.32) | EdisO11 (0.33) | JuvinHL23 (0.34) |
| Dot | ZarandiASC20 (154.00) | Lunardi20 (153.00) | Groleaz21 (153.00) | Astrand21 (147.00) | IsikYA23 (145.00) |
| Cosine | abs-2305-19888 (0.96) | ArbaouiY18 (0.75) | GedikKEK18 (0.73) | OujanaAYB22 (0.72) | BenderWS21 (0.72) |
| HeinzS11 R&C | BertholdHLMS10 (0.65) | HeinzB12 (0.69) | HeinzSB13 (0.73) | SchuttFS13a (0.83) | SchuttW10 (0.85) |
| Euclid | BertholdHLMS10 (0.23) | Tesch16 (0.27) | CauwelaertLS15 (0.28) | OuelletQ18 (0.29) | HookerY02 (0.31) |
| Dot | Schutt11 (106.00) | Lombardi10 (102.00) | Godet21a (96.00) | Fahimi16 (92.00) | HeinzSB13 (91.00) |
| Cosine | BertholdHLMS10 (0.79) | Tesch16 (0.75) | OuelletQ18 (0.74) | HeinzSB13 (0.70) | CauwelaertLS15 (0.70) |
| HeinzSB13 R&C | HeinzS11 (0.73) | SchuttFS13a (0.84) | BertholdHLMS10 (0.85) | HeinzKB13 (0.85) | HeinzB12 (0.88) |
| Euclid | BertholdHLMS10 (0.32) | HeipckeCCS00 (0.35) | HeinzS11 (0.36) | SchnellH17 (0.36) | DemasseyAM05 (0.37) |
| Dot | Groleaz21 (157.00) | Godet21a (156.00) | Dejemeppe16 (147.00) | Schutt11 (145.00) | Lombardi10 (143.00) |
| Cosine | BertholdHLMS10 (0.77) | HeipckeCCS00 (0.72) | SchnellH17 (0.71) | ArkhipovBL19 (0.71) | DemasseyAM05 (0.71) |
| HeinzSSW12 R&C | GarganiR07 (0.60) | SchausHMCMD11 (0.69) | HentenryckM08 (0.70) | GaySS14 (0.90) | LetortCB13 (0.92) |
| Euclid | HentenryckM08 (0.19) | GarganiR07 (0.21) | Davis87 (0.26) | ZibranR11 (0.27) | ChapadosJR11 (0.27) |
| Dot | SchausHMCMD11 (52.00) | GarganiR07 (51.00) | Letort13 (46.00) | Lombardi10 (45.00) | Malapert11 (44.00) |
| Cosine | GarganiR07 (0.78) | HentenryckM08 (0.74) | SchausHMCMD11 (0.67) | LiuLH19a (0.52) | SchausD08 (0.50) |
| HeipckeCCS00 R&C | SimonisC95 (0.95) | BruckerK00 (0.99) | AggounB93 (0.99) | | |
| Euclid | KovacsV06 (0.21) | LiessM08 (0.23) | KovacsV04 (0.24) | Limtanyakul07 (0.26) | KhayatLR06 (0.26) |
| Dot | Baptiste02 (131.00) | Groleaz21 (129.00) | Lombardi10 (128.00) | Godet21a (128.00) | Dejemeppe16 (126.00) |
| Cosine | KovacsV06 (0.85) | LiessM08 (0.83) | VilimLS15 (0.81) | KovacsV04 (0.81) | KhayatLR06 (0.80) |
| HentenryckM04 R&C | KhemmoudjPB06 (0.91) | TanSD10 (0.92) | ArtiguesBF04 (0.92) | WatsonB08 (0.94) | CestaOPS14 (0.94) |
| Euclid | GodardLN05 (0.23) | PacinoH11 (0.23) | Beck07 (0.24) | BeckPS03 (0.25) | VilimBC04 (0.26) |
| Dot | Dejemeppe16 (135.00) | Groleaz21 (133.00) | Baptiste02 (133.00) | Malapert11 (131.00) | Fahimi16 (130.00) |
| Cosine | GodardLN05 (0.85) | Beck07 (0.83) | PacinoH11 (0.83) | BeckPS03 (0.82) | MonetteDH09 (0.80) |
| HentenryckM08 R&C | GarganiR07 (0.52) | SchausHMCMD11 (0.64) | HeinzSSW12 (0.70) | GaySS14 (0.93) | Beck10 (0.93) |
| Euclid | HeinzSSW12 (0.19) | GarganiR07 (0.20) | AbrilSB05 (0.22) | FrostD98 (0.23) | SmithBHW96 (0.23) |
| Dot | SchausHMCMD11 (48.00) | GaySS14 (46.00) | GarganiR07 (44.00) | HeinzSSW12 (36.00) | Dejemeppe16 (36.00) |
| Cosine | GarganiR07 (0.79) | HeinzSSW12 (0.74) | SchausHMCMD11 (0.73) | GaySS14 (0.62) | LiuLH19a (0.55) |
| Henz01 R&C | HenzMT04 (0.56) | RasmussenT07 (0.73) | Trick03 (0.73) | RussellU06 (0.79) | ElfJR03 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| HenzMT04 R&C | Henz01 (0.56) | Trick03 (0.69) | RussellU06 (0.71) | RasmussenT07 (0.73) | Perron05 (0.80) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| HermenierDL11 R&C | Simonis95 (0.88) | PoderBS04 (0.92) | SimonisH11 (0.93) | FontaineMH16 (0.94) | Simonis95a (0.94) |
| Euclid | BeniniBGM05a (0.25) | WolfS05 (0.26) | BockmayrP06 (0.26) | PoderBS04 (0.27) | LozanoCDS12 (0.27) |
| Dot | Godet21a (88.00) | Lombardi10 (86.00) | Malapert11 (86.00) | Groleaz21 (83.00) | Schutt11 (82.00) |
| Cosine | BeniniBGM05a (0.72) | PoderBS04 (0.71) | WolfS05 (0.71) | BockmayrP06 (0.71) | LozanoCDS12 (0.69) |
| HillBCGN22 R&C | GuSS13 (0.90) | EdwardsBSE19 (0.90) | GuSSWC14 (0.91) | ThiruvadyWGS14 (0.93) | GuSW12 (0.93) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| HillTV21 R&C | EdwardsBSE19 (0.87) | SchnellH15 (0.88) | SzerediS16 (0.92) | HauderBRPA20 (0.93) | SchuttFS13 (0.93) |
| Euclid | HeipckeCCS00 (0.28) | DemasseyAM05 (0.29) | KovacsV06 (0.29) | LiessM08 (0.29) | BofillCSV17a (0.29) |
| Dot | ZarandiASC20 (151.00) | Groleaz21 (145.00) | Lombardi10 (141.00) | Schutt11 (137.00) | Godet21a (137.00) |
| Cosine | DemasseyAM05 (0.79) | ArkhipovBL19 (0.79) | HeipckeCCS00 (0.78) | LiessM08 (0.77) | KovacsV06 (0.76) |
| HladikCDJ08 R&C | CambazardHDJT04 (0.70) | CambazardJ05 (0.83) | CireCH13 (0.85) | Hooker05 (0.85) | Hooker05a (0.85) |
| Euclid | CambazardHDJT04 (0.20) | BeniniLMR08 (0.31) | EmeretlisTAV17 (0.32) | BeniniBGM05 (0.32) | LozanoCDS12 (0.33) |
| Dot | Lombardi10 (135.00) | ZarandiASC20 (129.00) | Froger16 (116.00) | Godet21a (114.00) | Beck99 (112.00) |
| Cosine | CambazardHDJT04 (0.89) | EmeretlisTAV17 (0.74) | BeniniLMR08 (0.74) | BeniniBGM05 (0.73) | BeniniLMR11 (0.69) |
| HoYCLLCLC18 R&C | HamPK21 (0.88) | FrohnerTR19 (0.90) | WatsonB08 (0.94) | MusliuSS18 (0.95) | RendlPHPR12 (0.96) |
| Euclid | LudwigKRBMS14 (0.22) | FukunagaHFAMN02 (0.22) | AngelsmarkJ00 (0.22) | BourdaisGP03 (0.23) | CrawfordB94 (0.23) |
| Dot | ZarandiASC20 (69.00) | Dejemeppe16 (60.00) | Lombardi10 (59.00) | Astrand21 (58.00) | RoshanaeiLAU17 (57.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | ShinBBHO18 (0.76) | BourdaisGP03 (0.70) | LudwigKRBMS14 (0.69) | FukunagaHFAMN02 (0.66) | IfrimOS12 (0.66) |
| HoeveGSL07 R&C | | | | | |
| Euclid | GomesHS06 (0.24) | NishikawaSTT18 (0.24) | NishikawaSTT18a (0.24) | QuSN06 (0.24) | BeniniBGM05a (0.25) |
| Dot | Beck99 (93.00) | ZarandiASC20 (89.00) | BartakSR10 (88.00) | GombolayWS18 (86.00) | LaborieRSV18 (85.00) |
| Cosine | NishikawaSTT19 (0.76) | NishikawaSTT18 (0.76) | NishikawaSTT18a (0.76) | GomesHS06 (0.73) | Pape94 (0.72) |
| Hooker00 R&C | JainG01 (0.89) | HookerO99 (0.91) | Hooker07 (0.91) | Thorsteinsson01 (0.91) | BockmayrK98 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Hooker02 R&C | HookerO99 (0.72) | JainG01 (0.80) | Hooker06a (0.84) | Thorsteinsson01 (0.86) | Hooker05b (0.86) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Hooker04 R&C | Hooker05a (0.44) | Hooker05 (0.55) | Hooker07 (0.67) | Hooker06 (0.68) | CambazardHDJT04 (0.68) |
| Euclid | Hooker07 (0.16) | Hooker05 (0.20) | Hooker05a (0.20) | Hooker06 (0.20) | CireCH16 (0.22) |
| Dot | Hooker07 (117.00) | Lombardi10 (117.00) | Hooker05 (113.00) | LaborieRSV18 (102.00) | Groleaz21 (101.00) |
| Cosine | Hooker07 (0.94) | Hooker05 (0.90) | Hooker06 (0.88) | Hooker05a (0.87) | CireCH16 (0.83) |
| Hooker05 R&C | Hooker05a (0.49) | Hooker04 (0.55) | Hooker07 (0.57) | ChuX05 (0.58) | Hooker06 (0.61) |
| Euclid | Hooker07 (0.19) | Hooker04 (0.20) | Hooker06 (0.23) | Hooker05a (0.25) | BeniniLMMR08 (0.28) |
| Dot | Lombardi10 (149.00) | Hooker07 (132.00) | Beck99 (129.00) | Baptiste02 (128.00) | LaborieRSV18 (127.00) |
| Cosine | Hooker07 (0.92) | Hooker04 (0.90) | Hooker06 (0.87) | Hooker05a (0.84) | BeniniLMMR08 (0.79) |
| Hooker05a R&C | Hooker04 (0.44) | Hooker05 (0.49) | CambazardJ05 (0.58) | BeniniBGM05 (0.62) | Hooker06 (0.64) |
| Euclid | Hooker06 (0.11) | Hooker07 (0.19) | Hooker04 (0.20) | BockmayrP06 (0.24) | CireCH16 (0.24) |
| Dot | Lombardi10 (106.00) | Hooker07 (104.00) | Hooker06 (100.00) | Groleaz21 (100.00) | Baptiste02 (100.00) |
| Cosine | Hooker06 (0.97) | Hooker07 (0.92) | Hooker04 (0.87) | Hooker05 (0.84) | CobanH11 (0.77) |
| Hooker05b R&C | Hooker05 (0.67) | Hooker05a (0.70) | Hooker04 (0.73) | CambazardJ05 (0.74) | Hooker07 (0.76) |
| Euclid | ZibranR11 (0.23) | CambazardJ05 (0.23) | ZhangLS12 (0.24) | Davis87 (0.24) | BenoistGR02 (0.25) |
| Dot | Lombardi10 (56.00) | Froger16 (55.00) | Lemos21 (53.00) | HookerH17 (52.00) | MilanoW09 (51.00) |
| Cosine | ZhangLS12 (0.65) | HookerOTK00 (0.63) | Thorsteinsson01 (0.63) | CireCH13 (0.62) | ZibranR11 (0.62) |
| Hooker06 R&C | Hooker07 (0.57) | Hooker05 (0.61) | CobanH11 (0.63) | CireCH13 (0.63) | Hooker05a (0.64) |
| Euclid | Hooker05a (0.11) | Hooker07 (0.16) | Hooker04 (0.20) | Hooker05 (0.23) | CireCH16 (0.26) |
| Dot | Lombardi10 (128.00) | Hooker07 (123.00) | Baptiste02 (118.00) | Dejemeppe16 (117.00) | Groleaz21 (116.00) |
| Cosine | Hooker05a (0.97) | Hooker07 (0.94) | Hooker04 (0.88) | Hooker05 (0.87) | CobanH11 (0.79) |
| Hooker06a R&C | Hooker05b (0.83) | Hooker02 (0.84) | Hooker07 (0.88) | CastroGR10 (0.89) | CireCH16 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Hooker07 R&C | Hooker06 (0.57) | Hooker05 (0.57) | Hooker05a (0.64) | CireCH13 (0.66) | Hooker04 (0.67) |
| Euclid | Hooker06 (0.16) | Hooker04 (0.16) | Hooker05 (0.19) | Hooker05a (0.19) | CireCH16 (0.26) |
| Dot | Lombardi10 (145.00) | Hooker05 (132.00) | LaborieRSV18 (131.00) | Baptiste02 (130.00) | Groleaz21 (129.00) |
| Cosine | Hooker04 (0.94) | Hooker06 (0.94) | Hooker05a (0.92) | Hooker05 (0.92) | CireCH16 (0.82) |
| Hooker10 R&C | CireCH16 (0.90) | CireCH13 (0.90) | Simonis07 (0.91) | Hooker05a (0.91) | Hooker05 (0.92) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Hooker17 R&C | BogaerdtW19 (0.78) | HechingH16 (0.94) | HookerH17 (0.94) | TranVNB17 (0.94) | CireCH16 (0.95) |
| Euclid | HebrardTW05 (0.17) | Baptiste09 (0.18) | CestaOS98 (0.19) | WuBB05 (0.19) | KovacsEKV05 (0.20) |
| Dot | Dejemeppe16 (46.00) | Groleaz21 (44.00) | KelbelH11 (43.00) | Lombardi10 (43.00) | abs-1902-09244 (42.00) |
| Cosine | Balduccini11 (0.69) | CobanH10 (0.66) | SmithC93 (0.65) | DannaP03 (0.65) | PerronSF04 (0.64) |
| Hooker19 R&C | | | | | |
| Euclid | ElciOH22 (0.32) | CobanH11 (0.33) | Hooker06 (0.37) | Hooker07 (0.37) | Hooker05a (0.37) |
| Dot | ZarandiASC20 (175.00) | Lombardi10 (162.00) | Groleaz21 (155.00) | LaborieRSV18 (150.00) | HookerH17 (149.00) |
| Cosine | ElciOH22 (0.79) | CobanH11 (0.77) | Hooker07 (0.72) | Hooker06 (0.72) | MilanoW06 (0.71) |
| HookerH17 R&C | CireCH16 (0.88) | CastroGR10 (0.88) | CobanH11 (0.91) | CireCH13 (0.92) | Hooker06a (0.92) |
| Euclid | HookerOTK00 (0.49) | Hooker19 (0.49) | MilanoW06 (0.50) | MilanoW09 (0.50) | FontaineMH16 (0.50) |
| Dot | Dejemeppe16 (204.00) | Lombardi10 (203.00) | ZarandiASC20 (202.00) | Baptiste02 (196.00) | Fahimi16 (183.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | MilanoW09 (0.67) | MilanoW06 (0.66) | Hooker19 (0.65) | HookerOTK00 (0.65) | Demassey03 (0.64) |
| HookerO03 R&C | Hooker07 (0.80) | JainG01 (0.88) | Thorsteinsson01 (0.88) | ZarandiB12 (0.91) | RoshanaeiLAU17 (0.92) |
| Euclid | Thorsteinsson01 (0.21) | HookerY02 (0.21) | CireCH13 (0.21) | Beck10 (0.25) | ChuX05 (0.25) |
| Dot | Lombardi10 (90.00) | HookerH17 (90.00) | MilanoW09 (83.00) | MilanoW06 (80.00) | Hooker19 (80.00) |
| Cosine | Thorsteinsson01 (0.83) | CireCH13 (0.81) | HookerY02 (0.79) | HamdiL13 (0.78) | Hooker06 (0.77) |
| HookerO99 R&C | Hooker02 (0.72) | BockmayrK98 (0.82) | RodosekWH99 (0.87) | HookerOTK00 (0.89) | JainG01 (0.90) |
| Euclid | RodosekWH99 (0.30) | HookerOTK00 (0.30) | HarjunkoskiJG00 (0.30) | FontaineMH16 (0.31) | CireCH13 (0.32) |
| Dot | Malapert11 (114.00) | Lombardi10 (109.00) | Baptiste02 (109.00) | HookerH17 (106.00) | Siala15a (103.00) |
| Cosine | Zhou97 (0.74) | RodosekWH99 (0.74) | HookerOTK00 (0.73) | HarjunkoskiJG00 (0.72) | FontaineMH16 (0.72) |
| HookerOTK00 R&C | BockmayrK98 (0.89) | HookerO99 (0.89) | BenoistGR02 (0.91) | Thorsteinsson01 (0.93) | Hooker02 (0.94) |
| Euclid | HookerY02 (0.27) | HookerO03 (0.27) | Thorsteinsson01 (0.28) | Puget95 (0.28) | CireCH13 (0.28) |
| Dot | HookerH17 (103.00) | Lombardi10 (93.00) | Dejemeppe16 (89.00) | Godet21a (86.00) | Baptiste02 (85.00) |
| Cosine | HookerO99 (0.73) | Thorsteinsson01 (0.71) | HookerO03 (0.70) | JainG01 (0.69) | HookerY02 (0.69) |
| HookerY02 R&C | Hooker05b (0.78) | BockmayrP06 (0.79) | Thorsteinsson01 (0.82) | Hooker04 (0.85) | MilanoORT02 (0.86) |
| Euclid | HeinzKB13 (0.21) | ChuX05 (0.21) | HookerO03 (0.21) | Limtanyakul07 (0.22) | BertholdHLMS10 (0.23) |
| Dot | HookerH17 (83.00) | Lombardi10 (80.00) | Hooker19 (75.00) | Demassey03 (74.00) | Froger16 (74.00) |
| Cosine | HeinzKB13 (0.82) | ChuX05 (0.81) | HookerO03 (0.79) | Beck10 (0.78) | BertholdHLMS10 (0.74) |
| HoundjiSW19 R&C | HoundjiSWD14 (0.79) | CauwelaertDMS16 (0.90) | PesantRR15 (0.92) | CauwelaertLS18 (0.95) | CauwelaertDS20 (0.95) |
| Euclid | HoundjiSWD14 (0.20) | BockmayrP06 (0.26) | Limtanyakul07 (0.30) | KrogtLPHJ07 (0.31) | BofillGSV15 (0.31) |
| Dot | Dejemeppe16 (98.00) | MilanoW09 (91.00) | MilanoW06 (91.00) | Simonis07 (84.00) | Malapert11 (82.00) |
| Cosine | HoundjiSWD14 (0.84) | BockmayrP06 (0.72) | MilanoW06 (0.65) | MilanoW09 (0.63) | CatusseCBL16 (0.61) |
| HoundjiSWD14 R&C | SimonisH11 (0.75) | HoundjiSW19 (0.79) | CauwelaertLS15 (0.82) | GaySS14 (0.83) | GayHLS15 (0.84) |
| Euclid | HoundjiSW19 (0.20) | FoxAS82 (0.24) | Davis87 (0.25) | KrogtLPHJ07 (0.26) | BofillGSV15 (0.26) |
| Dot | Dejemeppe16 (72.00) | HoundjiSW19 (61.00) | MilanoW09 (58.00) | MilanoW06 (58.00) | BajestaniB13 (58.00) |
| Cosine | HoundjiSW19 (0.84) | FoxAS82 (0.64) | KrogtLPHJ07 (0.63) | BockmayrP06 (0.63) | GoldwaserS17 (0.61) |
| HubnerGSV21 R&C | LimtanyakulS12 (0.94) | SchnellH17 (0.95) | HauderBRPA20 (0.95) | KreterSSZ18 (0.96) | LombardiM09 (0.96) |
| Euclid | CampeauG22 (0.32) | BofillCSV17a (0.33) | LiessM08 (0.34) | HeipckeCCS00 (0.36) | SubulanC22 (0.36) |
| Dot | ZarandiASC20 (167.00) | Groleaz21 (167.00) | Lombardi10 (151.00) | Astrand21 (151.00) | Dejemeppe16 (147.00) |
| Cosine | SubulanC22 (0.77) | CampeauG22 (0.76) | BofillCSV17a (0.74) | LiessM08 (0.72) | abs-1902-09244 (0.72) |
| Hunsberger08 R&C | | | | | |
| Euclid | CarchraeBF05 (0.15) | AngelsmarkJ00 (0.15) | Baptiste09 (0.16) | LiuJ06 (0.16) | SunLYL10 (0.17) |
| Dot | ZarandiASC20 (39.00) | Lemos21 (36.00) | SultanikMR07 (36.00) | GombolayWS18 (36.00) | WessenCSFPM23 (35.00) |
| Cosine | SunLYL10 (0.79) | SultanikMR07 (0.76) | CarchraeBF05 (0.69) | RoweJCA96 (0.69) | AngelsmarkJ00 (0.68) |
| HurleyOS16 R&C | GalleguillosKSB19 (0.95) | IfrimOS12 (0.97) | BridiBLMB16 (0.97) | LimHTB16 (0.97) | |
| Euclid | BockmayrP06 (0.24) | IfrimOS12 (0.25) | BeniniBGM05a (0.26) | QuSN06 (0.27) | AkramNHRSA23 (0.27) |
| Dot | Groleaz21 (79.00) | ZarandiASC20 (77.00) | BorghesiBLMB18 (77.00) | Lemos21 (76.00) | Beck99 (76.00) |
| Cosine | BorghesiBLMB18 (0.74) | BockmayrP06 (0.73) | IfrimOS12 (0.73) | GrimesIOS14 (0.71) | Madi-WambaLOBM17 (0.68) |
| IfrimOS12 R&C | GrimesIOS14 (0.81) | LimBTBB15a (0.89) | LimBTBB15 (0.90) | BartoliniBBLM14 (0.94) | HurleyOS16 (0.97) |
| Euclid | KinsellaS0OS16 (0.23) | HurleyOS16 (0.25) | FoxAS82 (0.25) | HoYCLLCLC18 (0.25) | GrimesIOS14 (0.26) |
| Dot | ZarandiASC20 (78.00) | Groleaz21 (78.00) | Froger16 (72.00) | GrimesIOS14 (71.00) | Astrand21 (71.00) |
| Cosine | GrimesIOS14 (0.78) | HurleyOS16 (0.73) | TranPZLDB18 (0.71) | KinsellaS0OS16 (0.68) | FoxAS82 (0.66) |
| IklassovMR023 R&C | | | | | |
| Euclid | KotaryFH22 (0.26) | Tassel22 (0.27) | LiLZDZW24 (0.27) | DilkinaDH05 (0.29) | CarchraeB09 (0.29) |
| Dot | ZarandiASC20 (126.00) | Groleaz21 (118.00) | abs-2211-14492 (109.00) | Astrand21 (109.00) | Dejemeppe16 (109.00) |
| Cosine | KotaryFH22 (0.81) | TasselGS23 (0.77) | abs-2306-05747 (0.77) | abs-2211-14492 (0.75) | BeckFW11 (0.75) |
| IsikYA23 R&C | MengLZB21 (0.93) | OujanaAYB22 (0.95) | MengGRZSC22 (0.96) | WariZ19 (0.96) | NaderiRR23 (0.97) |
| Euclid | MengZRZL20 (0.38) | YunusogluY22 (0.41) | Novas19 (0.42) | MengLZB21 (0.44) | ZhangJZL22 (0.45) |
| Dot | ZarandiASC20 (276.00) | Lunardi20 (246.00) | Groleaz21 (245.00) | Dejemeppe16 (228.00) | MengZRZL20 (225.00) |
| Cosine | MengZRZL20 (0.82) | YunusogluY22 (0.80) | Novas19 (0.77) | MengLZB21 (0.75) | Lunardi20 (0.74) |
| JainG01 R&C | HarjunkoskiG02 (0.74) | Thorsteinsson01 (0.74) | Hooker02 (0.80) | CastroGR10 (0.81) | MaraveliasCG04 (0.84) |
| Euclid | HarjunkoskiG02 (0.23) | Colombani96 (0.29) | Hooker05a (0.30) | Thorsteinsson01 (0.30) | Hooker06 (0.30) |
| Dot | Baptiste02 (132.00) | ZarandiASC20 (123.00) | Groleaz21 (117.00) | MilanoW06 (116.00) | Malapert11 (115.00) |
| Cosine | HarjunkoskiG02 (0.85) | ArtiguesLH13 (0.75) | Colombani96 (0.75) | Hooker06 (0.75) | Hooker05a (0.74) |
| JainM99 R&C | BlazewiczDP96 (0.66) | DomdorfPH03 (0.86) | DorndorfPH99 (0.88) | ColT22 (0.89) | DorndorfHP99 (0.93) |
| Euclid | BlazewiczDP96 (0.37) | MenciaSV13 (0.38) | MalapertCGJLR13 (0.39) | KotaryFH22 (0.40) | GrimesH10 (0.40) |
| Dot | ZarandiASC20 (234.00) | Groleaz21 (212.00) | Astrand21 (193.00) | Baptiste02 (192.00) | Lunardi20 (186.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | BlazewiczDP96 (0.80) | MenciaSV13 (0.73) | BartakSR10 (0.72) | BeckF98 (0.72) | GrimesH10 (0.71) |
| Jans09 R&C | CastroGR10 (0.94) | ChenGPSH10 (0.94) | CobanH11 (0.95) | CireCH16 (0.95) | CobanH10 (0.95) |
| Euclid | LauLN08 (0.27) | BenediktSMVH18 (0.29) | BogaerdtW19 (0.30) | CrawfordB94 (0.30) | DavenportKRSH07 (0.30) |
| Dot | ZarandiASC20 (92.00) | Groleaz21 (91.00) | Astrand21 (87.00) | PrataAN23 (83.00) | Baptiste02 (80.00) |
| Cosine | DavenportKRSH07 (0.67) | ArbaouiY18 (0.66) | LauLN08 (0.66) | BogaerdtW19 (0.66) | BenediktSMVH18 (0.65) |
| JelinekB16 R&C | ReddyFIBKAJ11 (0.92) | BoothTNB16 (0.96) | BaptisteLPN06 (0.97) | HarjunkoskiMBC14 (0.99) | |
| Euclid | AngelsmarkJ00 (0.19) | CarchraeBF05 (0.19) | FrostD98 (0.19) | FeldmanG89 (0.19) | Davis87 (0.19) |
| Dot | Baptiste02 (47.00) | Lombardi10 (43.00) | Simonis99 (41.00) | ZarandiASC20 (38.00) | Schutt11 (38.00) |
| Cosine | FeldmanG89 (0.62) | FalaschiGMP97 (0.61) | AngelsmarkJ00 (0.60) | FukunagaHFAMN02 (0.60) | Schaerf97 (0.59) |
| JoLLH99 R&C | | | | | |
| Euclid | TranDRFWOVB16 (0.25) | DincbasS91 (0.30) | AngelsmarkJ00 (0.30) | WallaceF00 (0.31) | Rit86 (0.31) |
| Dot | ZarandiASC20 (91.00) | Fahimi16 (79.00) | Simonis07 (77.00) | Simonis99 (75.00) | Baptiste02 (75.00) |
| Cosine | TranDRFWOVB16 (0.75) | BartakV15 (0.61) | ChunCTY99 (0.60) | Prosser89 (0.60) | Wallace96 (0.60) |
| Johnston05 R&C | | | | | |
| Euclid | WallaceF00 (0.26) | Maillard15 (0.27) | LudwigKRBMS14 (0.28) | FukunagaHFAMN02 (0.28) | AngelsmarkJ00 (0.29) |
| Dot | ZarandiASC20 (70.00) | LaborieRSV18 (68.00) | Astrand21 (68.00) | Lombardi10 (66.00) | HarjunkoskiMBC14 (64.00) |
| Cosine | WallaceF00 (0.66) | PembertonG98 (0.65) | SimoninAHL12 (0.65) | ReddyFIBKAJ11 (0.63) | FrankK05 (0.63) |
| JourdanFRD94 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| JungblutK22 R&C | | | | | |
| Euclid | GomesHS06 (0.24) | FukunagaHFAMN02 (0.24) | AngelsmarkJ00 (0.24) | CarchraeBF05 (0.24) | BockmayrP06 (0.24) |
| Dot | Godet21a (70.00) | ColT22 (69.00) | KoehlerBFFHPSSS21 (64.00) | Lombardi10 (63.00) | Beck99 (63.00) |
| Cosine | abs-1901-07914 (0.74) | BehrensLM19 (0.70) | BockmayrP06 (0.69) | AkramNHRSA23 (0.66) | BridiLBBM16 (0.63) |
| Junker00 R&C | | | | | |
| Euclid | Muscettola94 (0.26) | OddiS97 (0.26) | BartakCS10 (0.26) | LeeKLKKYHP97 (0.26) | BeckDSF97a (0.26) |
| Dot | Beck99 (88.00) | Baptiste02 (88.00) | ZarandiASC20 (86.00) | Lombardi10 (86.00) | Fahimi16 (85.00) |
| Cosine | BeckDSF97a (0.76) | BeckDSF97 (0.75) | BeckPS03 (0.74) | SadehF96 (0.74) | Muscettola94 (0.74) |
| JussienL02 R&C | MalapertCGJLR12 (0.86) | Colombani96 (0.86) | Zhou96 (0.87) | BeckF00 (0.88) | Dorndorf2000 (0.90) |
| Euclid | MalapertCGJLR13 (0.28) | KovacsV04 (0.30) | BarbulescuWH04 (0.30) | GarridoAO09 (0.31) | Bartak02 (0.32) |
| Dot | ZarandiASC20 (142.00) | Godet21a (128.00) | Groleaz21 (125.00) | Baptiste02 (125.00) | Lombardi10 (124.00) |
| Cosine | MalapertCGJLR13 (0.77) | KovacsV04 (0.74) | PengLC14 (0.72) | GarridoAO09 (0.72) | BarbulescuWH04 (0.72) |
| JuvinHHL23 R&C | | | | | |
| Euclid | MenciaSV13 (0.38) | JuvinHL22 (0.39) | TorresL00 (0.39) | JuvinHL23a (0.40) | TanSD10 (0.40) |
| Dot | Baptiste02 (203.00) | Godet21a (198.00) | Malapert11 (197.00) | Groleaz21 (195.00) | Dejemeppe16 (190.00) |
| Cosine | JuvinHL22 (0.77) | MenciaSV13 (0.77) | JuvinHL23a (0.75) | TorresL00 (0.74) | PapaB98 (0.74) |
| JuvinHL22 R&C | NaderiR22 (0.86) | SourdN00 (0.88) | MullerMKP22 (0.91) | NaderiRR23 (0.91) | Wolf03 (0.92) |
| Euclid | JuvinHL23a (0.23) | TanT18 (0.35) | GuyonLPR12 (0.36) | NaderiBZ22a (0.37) | MenciaSV13 (0.37) |
| Dot | Groleaz21 (196.00) | Baptiste02 (192.00) | ZarandiASC20 (189.00) | JuvinHL23a (189.00) | NaderiRR23 (179.00) |
| Cosine | JuvinHL23a (0.91) | NaderiBZ22a (0.77) | JuvinHHL23 (0.77) | TanT18 (0.77) | GuyonLPR12 (0.76) |
| JuvinHL23 R&C | KuB16 (0.96) | BillautHL12 (0.97) | NaderiRR23 (0.97) | GrimesH10 (0.97) | BriandHHL08 (0.97) |
| Euclid | ParkUJR19 (0.26) | BillautHL12 (0.27) | LiFJZLL22 (0.27) | WessenCS20 (0.28) | HamdiL13 (0.29) |
| Dot | Lunardi20 (122.00) | Groleaz21 (120.00) | ZarandiASC20 (111.00) | ColT22 (109.00) | Astrand21 (108.00) |
| Cosine | ParkUJR19 (0.80) | LiFJZLL22 (0.79) | BillautHL12 (0.76) | CzerniachowskaWZ23 (0.76) | HamdiL13 (0.75) |
| JuvinHL23a R&C | NaderiR22 (0.84) | SourdN00 (0.89) | NaderiRR23 (0.91) | MullerMKP22 (0.92) | ColT22 (0.93) |
| Euclid | JuvinHL22 (0.23) | NaderiBZ22a (0.36) | Teppan22 (0.38) | GuyonLPR12 (0.38) | MenciaSV13 (0.38) |
| Dot | ZarandiASC20 (192.00) | Groleaz21 (190.00) | JuvinHL22 (189.00) | Baptiste02 (177.00) | Lombardi10 (174.00) |
| Cosine | JuvinHL22 (0.91) | NaderiBZ22a (0.78) | JuvinHHL23 (0.75) | GuyonLPR12 (0.73) | Teppan22 (0.72) |
| KamarainenS02 R&C | KhemmoudjPB06 (0.86) | Wallace06 (0.88) | EreminW01 (0.89) | CestaOPS14 (0.90) | MeyerE04 (0.90) |
| Euclid | ZibranR11 (0.26) | ZibranR11a (0.26) | MakMS10 (0.27) | ZhangLS12 (0.29) | WallaceF00 (0.29) |
| Dot | ZarandiASC20 (100.00) | Beck99 (93.00) | Dejemeppe16 (90.00) | Lombardi10 (88.00) | Astrand21 (88.00) |
| Cosine | SakkoutW00 (0.75) | HeckmanB11 (0.72) | MakMS10 (0.70) | ZibranR11 (0.68) | ZibranR11a (0.68) |
| Kameugne14 R&C | | | | | |
| Euclid | KameugneFSN14 (0.37) | Demassey03 (0.39) | KameugneFND23 (0.39) | GayHS15a (0.40) | Clercq12 (0.40) |
| Dot | Malapert11 (197.00) | Fahimi16 (197.00) | Baptiste02 (188.00) | Schutt11 (186.00) | Demassey03 (173.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Demassey03 (0.77) | KameugneFSN14 (0.76) | KameugneFND23 (0.74) | Clercq12 (0.73) | Fahimi16 (0.72) |
| Kameugne15 R&C | | | | | |
| Euclid | Caseau97 (0.22) | Vilim09a (0.23) | Vilim02 (0.23) | KameugneF13 (0.23) | CestaOS98 (0.23) |
| Dot | Schutt11 (63.00) | Dejemeppe16 (63.00) | Baptiste02 (63.00) | Fahimi16 (63.00) | FahimiOQ18 (62.00) |
| Cosine | Vilim09a (0.71) | GayHS15a (0.70) | Vilim09 (0.70) | OuelletQ13 (0.68) | Caseau97 (0.67) |
| KameugneF13 R&C | OuelletQ18 (0.60) | OuelletQ13 (0.61) | KameugneFSN11 (0.62) | SchuttW10 (0.62) | Vilim09a (0.64) |
| Euclid | MaraveliasG04 (0.13) | Baptiste09 (0.15) | AbrilSB05 (0.15) | CarchraeBF05 (0.15) | AngelsmarkJ00 (0.16) |
| Dot | MercierH07 (18.00) | Baptiste02 (18.00) | KameugneFSN14 (17.00) | Lombardi10 (17.00) | Dejemeppe16 (17.00) |
| Cosine | PoderB08 (0.58) | SchuttWS05 (0.55) | ChuGNSW13 (0.53) | BeldiceanuP07 (0.53) | CarlierPSJ20 (0.53) |
| KameugneFGOQ18 R&C | Tesch16 (0.61) | OuelletQ18 (0.64) | GayHS15a (0.67) | Tesch18 (0.68) | FetgoD22 (0.72) |
| Euclid | KameugneFND23 (0.23) | FetgoD22 (0.26) | OuelletQ13 (0.27) | SchuttW10 (0.29) | OuelletQ18 (0.30) |
| Dot | Baptiste02 (144.00) | Fahimi16 (142.00) | Schutt11 (138.00) | FetgoD22 (138.00) | KameugneFND23 (136.00) |
| Cosine | KameugneFND23 (0.89) | FetgoD22 (0.86) | OuelletQ13 (0.82) | SchuttW10 (0.78) | OuelletQ18 (0.77) |
| KameugneFND23 R&C | | | | | |
| Euclid | OuelletQ13 (0.22) | KameugneFGOQ18 (0.23) | FetgoD22 (0.23) | GingrasQ16 (0.27) | KameugneFSN14 (0.27) |
| Dot | Schutt11 (163.00) | FetgoD22 (155.00) | Baptiste02 (154.00) | Fahimi16 (152.00) | Malapert11 (149.00) |
| Cosine | FetgoD22 (0.90) | OuelletQ13 (0.89) | KameugneFGOQ18 (0.89) | GingrasQ16 (0.84) | KameugneFSN14 (0.84) |
| KameugneFSN11 R&C | Vilim09 (0.58) | KameugneF13 (0.62) | SchuttW10 (0.63) | KameugneFSN14 (0.68) | OuelletQ13 (0.69) |
| Euclid | KameugneFSN14 (0.20) | OuelletQ13 (0.26) | SchuttW10 (0.26) | OuelletQ18 (0.28) | GingrasQ16 (0.28) |
| Dot | Fahimi16 (128.00) | Schutt11 (127.00) | Baptiste02 (126.00) | Dejemeppe16 (123.00) | Lombardi10 (121.00) |
| Cosine | KameugneFSN14 (0.90) | OuelletQ13 (0.82) | SchuttW10 (0.81) | KameugneFND23 (0.78) | OuelletQ18 (0.76) |
| KameugneFSN14 R&C | OuelletQ13 (0.54) | OuelletQ18 (0.56) | SchuttW10 (0.63) | FahimiOQ18 (0.65) | LetortBC12 (0.66) |
| Euclid | KameugneFSN11 (0.20) | GingrasQ16 (0.27) | KameugneFND23 (0.27) | OuelletQ13 (0.28) | SchuttW10 (0.28) |
| Dot | Schutt11 (148.00) | Fahimi16 (145.00) | Lombardi10 (141.00) | Baptiste02 (141.00) | Kameugne14 (140.00) |
| Cosine | KameugneFSN11 (0.90) | KameugneFND23 (0.84) | GingrasQ16 (0.82) | OuelletQ13 (0.81) | SchuttW10 (0.80) |
| KanetAG04 R&C | | | | | |
| Euclid | JainG01 (0.38) | ZeballosH05 (0.38) | BeckR03 (0.39) | FoxS90 (0.39) | BartakSR08 (0.39) |
| Dot | ZarandiASC20 (183.00) | Baptiste02 (178.00) | Malapert11 (177.00) | Dejemeppe16 (174.00) | Groleaz21 (170.00) |
| Cosine | TerekhovDOB12 (0.71) | KelbelH11 (0.71) | JainG01 (0.71) | ZeballosH05 (0.71) | BeckR03 (0.71) |
| KelarevaTK13 R&C | SzerediS16 (0.90) | SchuttCSW12 (0.91) | SchuttFS13 (0.92) | BofillEGPSV14 (0.92) | GuSS13 (0.92) |
| Euclid | FrankDT16 (0.37) | GilesH16 (0.37) | NishikawaSTT18a (0.38) | KucukY19 (0.38) | BeniniBGM05a (0.38) |
| Dot | Godet21a (103.00) | LaborieRSV18 (101.00) | ZarandiASC20 (99.00) | Astrand21 (99.00) | Lunardi20 (94.00) |
| Cosine | TranVNB17 (0.60) | GilesH16 (0.59) | FrankDT16 (0.59) | NishikawaSTT18a (0.58) | PraletLJ15 (0.57) |
| KelbelH11 R&C | AbreuN22 (0.85) | TanSD10 (0.88) | GrimesHM09 (0.89) | BaptisteLPN06 (0.90) | BeckR03 (0.90) |
| Euclid | MonetteDH09 (0.31) | GodardLN05 (0.36) | GrimesH11 (0.36) | Hooker06 (0.36) | PengLC14 (0.36) |
| Dot | Dejemeppe16 (191.00) | Baptiste02 (187.00) | Groleaz21 (182.00) | Lombardi10 (176.00) | ZarandiASC20 (170.00) |
| Cosine | MonetteDH09 (0.81) | GrimesH11 (0.77) | GodardLN05 (0.74) | BeckR03 (0.74) | Hooker06 (0.73) |
| KendallKRU10 R&C | Ribeiro12 (0.86) | EastonNT02 (0.92) | ElfJR03 (0.93) | RasmussenT07 (0.93) | HenzMT04 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| KengY89 R&C | | | | | |
| Euclid | CrawfordB94 (0.17) | FoxAS82 (0.21) | LauLN08 (0.23) | Prosser89 (0.23) | Caseau97 (0.23) |
| Dot | Dejemeppe16 (78.00) | Groleaz21 (78.00) | Malapert11 (77.00) | ZarandiASC20 (76.00) | Siala15a (74.00) |
| Cosine | CrawfordB94 (0.84) | FoxAS82 (0.77) | Prosser89 (0.76) | BelhadjiI98 (0.73) | Salido10 (0.73) |
| KeriK07 R&C | EsquirolLH2008 (0.90) | SchuttCSW12 (0.91) | BaptisteP97 (0.91) | KovacsV04 (0.92) | LimtanyakulS12 (0.93) |
| Euclid | LombardiM13 (0.22) | Muscettola02 (0.24) | BofillCSV17a (0.25) | WallaceF00 (0.26) | BonfiettiM12 (0.26) |
| Dot | ZarandiASC20 (90.00) | Baptiste02 (90.00) | Dejemeppe16 (89.00) | LaborieRSV18 (87.00) | Groleaz21 (87.00) |
| Cosine | LombardiM13 (0.76) | KusterJF07 (0.74) | BofillCSV17a (0.73) | Muscettola02 (0.72) | BofillCSV17 (0.71) |
| KhayatLR06 R&C | ZeballosQH10 (0.84) | NovasH14 (0.91) | CorreaLR07 (0.92) | Zeballos10 (0.93) | HarjunkoskiG02 (0.94) |
| Euclid | ZhangYW21 (0.26) | HeipckeCCS00 (0.26) | KovacsV06 (0.26) | BeckPS03 (0.26) | NovasH14 (0.26) |
| Dot | ZarandiASC20 (134.00) | Baptiste02 (134.00) | Dejemeppe16 (132.00) | Groleaz21 (129.00) | Lunardi20 (128.00) |
| Cosine | ZhangYW21 (0.82) | BeckPS03 (0.81) | NovasH14 (0.81) | PengLC14 (0.81) | HeipckeCCS00 (0.80) |
| KhemmoudjPB06 R&C | KamarainenS02 (0.86) | HentenryckM04 (0.91) | DejemeppeD14 (0.93) | PerronSF04 (0.94) | KletzanderM17 (0.94) |
| Euclid | WolfS05 (0.23) | LozanoCDS12 (0.24) | BockmayrP06 (0.25) | KuchcinskiW03 (0.26) | BeldiceanuP07 (0.26) |
| Dot | Lemos21 (76.00) | Astrand21 (73.00) | Froger16 (72.00) | Dejemeppe16 (69.00) | Malapert11 (68.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | WolfS05 (0.74) | LozanoCDS12 (0.72) | BockmayrP06 (0.71) | BartakS11 (0.68) | SerraNM12 (0.68) |
| KimCMLLP23 R&C | GaySS14 (0.88) | KoschB14 (0.94) | DannaP03 (0.94) | OujanaAYB22 (0.94) | SacramentoSP20 (0.94) |
| Euclid | DannaP03 (0.32) | PerronSF04 (0.32) | CarchraeB09 (0.34) | MonetteDH09 (0.34) | Beck06 (0.35) |
| Dot | Groleaz21 (134.00) | ZarandiASC20 (123.00) | Dejemeppe16 (120.00) | Lunardi20 (119.00) | MengZRZL20 (119.00) |
| Cosine | MonetteDH09 (0.70) | DannaP03 (0.70) | AbreuPNF23 (0.68) | PerronSF04 (0.68) | CarchraeB09 (0.68) |
| KinsellaS0OS16 R&C | | | | | |
| Euclid | CarchraeBF05 (0.20) | AngelsmarkJ00 (0.20) | Hunsberger08 (0.20) | Baptiste09 (0.21) | LiuJ06 (0.22) |
| Dot | Astrand21 (47.00) | HarjunkoskiMBC14 (46.00) | Lombardi10 (44.00) | Lemos21 (43.00) | Froger16 (43.00) |
| Cosine | IfrimOS12 (0.68) | GrimesIOS14 (0.61) | Hunsberger08 (0.59) | HurleyOS16 (0.59) | HoYCLLCLC18 (0.57) |
| KizilayC20 R&C | Pinarbasi21 (0.79) | AbidinK20 (0.82) | PinarbasiAY19 (0.83) | AlakaPY19 (0.83) | PinarbasiA20 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| KlankeBYE21 R&C | AwadMDMT22 (0.78) | EscobetPQPRA19 (0.89) | Simonis95 (0.94) | HermenierDL11 (0.94) | OddiPCC03 (0.95) |
| Euclid | Vilim09a (0.29) | BockmayrP06 (0.30) | BenderWS21 (0.30) | BeniniBGM05a (0.30) | FortinZDF05 (0.30) |
| Dot | Groleaz21 (121.00) | Baptiste02 (115.00) | Lombardi10 (114.00) | Dejemeppe16 (112.00) | Malapert11 (110.00) |
| Cosine | OzturkTHO15 (0.71) | QuirogaZH05 (0.71) | BoothTNB16 (0.71) | BenderWS21 (0.70) | OzturkTHO12 (0.70) |
| KletzanderM17 R&C | GoldwaserS17 (0.74) | WuBB09 (0.93) | KhemmoudjPB06 (0.94) | AggounB93 (0.95) | KamarainenS02 (0.95) |
| Euclid | ZibranR11 (0.22) | CarchraeBF05 (0.22) | LimRX04 (0.23) | Baptiste09 (0.23) | FrostD98 (0.23) |
| Dot | ZarandiASC20 (53.00) | IsikYA23 (50.00) | Lunardi20 (49.00) | Froger16 (49.00) | SacramentoSP20 (48.00) |
| Cosine | GoldwaserS17 (0.68) | LimRX04 (0.64) | ZibranR11 (0.62) | KletzanderM20 (0.58) | FukunagaHFAMN02 (0.58) |
| KletzanderM20 R&C | | | | | |
| Euclid | KletzanderMH21 (0.21) | KletzanderM17 (0.29) | LimRX04 (0.31) | Musliu05 (0.31) | LimAHO02a (0.32) |
| Dot | Froger16 (83.00) | Lemos21 (82.00) | ZarandiASC20 (78.00) | IsikYA23 (76.00) | Lunardi20 (74.00) |
| Cosine | KletzanderMH21 (0.82) | KletzanderM17 (0.58) | PourDERB18 (0.56) | LimRX04 (0.54) | BourreauGGLT22 (0.54) |
| KletzanderMH21 R&C | | | | | |
| Euclid | KletzanderM20 (0.21) | FeldmanG89 (0.28) | CestaOS98 (0.30) | GelainPRVW17 (0.30) | WallaceF00 (0.30) |
| Dot | Lemos21 (88.00) | ZarandiASC20 (83.00) | Froger16 (75.00) | Groleaz21 (71.00) | Astrand21 (70.00) |
| Cosine | KletzanderM20 (0.82) | FallahiAC20 (0.66) | BourreauGGLT22 (0.62) | LiuLH19 (0.60) | PourDERB18 (0.60) |
| KoehlerBFFHPSSS21 R&C | ColT19 (0.95) | MelgarejoLS15 (0.97) | TanT18 (0.97) | WuBB09 (0.98) | FrohnerTR19 (0.98) |
| Euclid | MelgarejoLS15 (0.51) | KuB16 (0.52) | WallaceY20 (0.52) | BukchinR18 (0.52) | abs-1901-07914 (0.53) |
| Dot | Groleaz21 (182.00) | Dejemeppe16 (179.00) | Godet21a (173.00) | Malapert11 (172.00) | ColT22 (166.00) |
| Cosine | MullerMKP22 (0.60) | ColT22 (0.60) | WallaceY20 (0.59) | MelgarejoLS15 (0.59) | KovacsTKSG21 (0.57) |
| KonowalenkoMM19 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| KorbaaYG00 R&C | OzturkTHO12 (0.92) | NovasH12 (0.96) | LorigeonBB02 (0.97) | GokgurHO18 (0.97) | HachemiGR11 (0.97) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| KorbaaYG99 R&C | | | | | |
| Euclid | AstrandJZ18 (0.28) | BocewiczBB09 (0.28) | KengY89 (0.29) | ErtlK91 (0.29) | GetoorOFC97 (0.29) |
| Dot | Groleaz21 (95.00) | Astrand21 (93.00) | ZarandiASC20 (92.00) | Lombardi10 (91.00) | Malapert11 (90.00) |
| Cosine | BonfiettiLBM14 (0.73) | AstrandJZ18 (0.70) | BocewiczBB09 (0.70) | GetoorOFC97 (0.69) | BonfiettiLBM12 (0.68) |
| KoschB14 R&C | MalapertGR12 (0.82) | TangB20 (0.83) | LetortCB13 (0.89) | KameugneFSN14 (0.89) | Beck10 (0.90) |
| Euclid | HamFC17 (0.32) | Beck10 (0.32) | ChuX05 (0.33) | WatsonB08 (0.34) | BillautHL12 (0.34) |
| Dot | Groleaz21 (148.00) | Malapert11 (147.00) | ZarandiASC20 (137.00) | Baptiste02 (131.00) | AwadMDMT22 (130.00) |
| Cosine | HamFC17 (0.75) | Beck10 (0.72) | ChuX05 (0.71) | Ham18a (0.70) | WatsonB08 (0.70) |
| KotaryFH22 R&C | | | | | |
| Euclid | IklassovMR023 (0.26) | KovacsV06 (0.30) | HeipckeCCS00 (0.30) | CarchraeB09 (0.30) | FontaineMH16 (0.31) |
| Dot | ZarandiASC20 (121.00) | Groleaz21 (120.00) | JainM99 (116.00) | Lombardi10 (114.00) | Astrand21 (112.00) |
| Cosine | IklassovMR023 (0.81) | CarchraeB09 (0.75) | HeipckeCCS00 (0.74) | KovacsV06 (0.74) | BeckPS03 (0.73) |
| KovacsB07 R&C | KovacsB11 (0.68) | KovacsB08 (0.88) | KovacsV06 (0.95) | KovacsV04 (0.96) | BeldiceanuC01 (0.97) |
| Euclid | KovacsB11 (0.20) | KovacsB08 (0.26) | HanenKP21 (0.34) | Vilim09 (0.35) | Wolf05 (0.35) |
| Dot | KovacsB11 (146.00) | Baptiste02 (146.00) | Groleaz21 (139.00) | ZarandiASC20 (134.00) | Dejemeppe16 (132.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | KovacsB11 (0.92) | KovacsB08 (0.82) | BonninMNE24 (0.73) | ArtiguesLH13 (0.71) | TerekhovDOB12 (0.71) |
| KovacsB08 R&C | KovacsB11 (0.80) | KovacsB07 (0.88) | LiuGT10 (0.93) | TrojetHL11 (0.94) | Muscettola02 (0.94) |
| Euclid | KovacsB07 (0.26) | Vilim09a (0.27) | Vilim09 (0.29) | WolfS05 (0.30) | KovacsB11 (0.30) |
| Dot | Dejemeppe16 (123.00) | Lombardi10 (120.00) | KovacsB11 (118.00) | Malapert11 (118.00) | Baptiste02 (118.00) |
| Cosine | KovacsB11 (0.82) | KovacsB07 (0.82) | Vilim09a (0.75) | ClautiauxJCM08 (0.73) | Vilim09 (0.72) |
| KovacsB11 R&C | KovacsB07 (0.68) | KovacsB08 (0.80) | MonetteDH09 (0.92) | WariZ19 (0.93) | SchausHMCMD11 (0.94) |
| Euclid | KovacsB07 (0.20) | KovacsB08 (0.30) | BonninMNE24 (0.35) | MonetteDH09 (0.36) | TerekhovDOB12 (0.37) |
| Dot | Baptiste02 (190.00) | Groleaz21 (182.00) | ZarandiASC20 (181.00) | Dejemeppe16 (173.00) | Lombardi10 (160.00) |
| Cosine | KovacsB07 (0.92) | KovacsB08 (0.82) | BonninMNE24 (0.77) | TerekhovDOB12 (0.76) | GokgurHO18 (0.74) |
| KovacsEKV05 R&C | KovacsV06 (0.80) | KovacsV04 (0.93) | NattafHKAL19 (0.93) | NattafAL15 (0.94) | NattafALR16 (0.94) |
| Euclid | CestaOS98 (0.12) | Caballero23 (0.13) | AngelsmarkJ00 (0.13) | Baptiste09 (0.14) | HebrardTW05 (0.14) |
| Dot | Astrand21 (38.00) | Baptiste02 (38.00) | ZarandiASC20 (37.00) | Groleaz21 (36.00) | Lunardi20 (35.00) |
| Cosine | Caballero23 (0.74) | CestaOS98 (0.74) | BonfiettiM12 (0.72) | AngelsmarkJ00 (0.70) | Tsang03 (0.68) |
| KovacsK11 R&C | Sadykov04 (0.94) | Hooker05 (0.94) | Beck10 (0.94) | OddiPCC05 (0.94) | ChuX05 (0.95) |
| Euclid | PengLC14 (0.30) | BockmayrP06 (0.33) | JuvinHL23 (0.34) | BocewiczBB09 (0.34) | ValleMGT03 (0.35) |
| Dot | Groleaz21 (139.00) | Dejemeppe16 (138.00) | ZarandiASC20 (134.00) | Malapert11 (119.00) | Baptiste02 (119.00) |
| Cosine | PengLC14 (0.77) | BartakSR08 (0.67) | HamdiL13 (0.67) | BockmayrP06 (0.67) | KanetAG04 (0.67) |
| KovacsTKSG21 R&C | | | | | |
| Euclid | HeipckeCCS00 (0.34) | Tassel22 (0.35) | KovacsV06 (0.35) | Caseau97 (0.36) | CarchraeB09 (0.36) |
| Dot | Groleaz21 (170.00) | Dejemeppe16 (145.00) | ZarandiASC20 (144.00) | Baptiste02 (135.00) | Lunardi20 (133.00) |
| Cosine | abs-2211-14492 (0.73) | HeipckeCCS00 (0.73) | abs-2402-00459 (0.71) | Tassel22 (0.70) | CarchraeB09 (0.70) |
| KovacsV04 R&C | ZhangLS12 (0.75) | QuirogaZH05 (0.80) | Geske05 (0.80) | LimtanyakulS12 (0.82) | EvenSH15 (0.83) |
| Euclid | Bartak02a (0.20) | KovacsV06 (0.23) | ChuGNSW13 (0.23) | HeipckeCCS00 (0.24) | Caseau97 (0.24) |
| Dot | Baptiste02 (123.00) | Godet21a (118.00) | Lombardi10 (117.00) | Dejemeppe16 (116.00) | Beck99 (116.00) |
| Cosine | Bartak02a (0.86) | KovacsV06 (0.82) | HeipckeCCS00 (0.81) | BartakSR08 (0.80) | ChuGNSW13 (0.80) |
| KovacsV06 R&C | Vilim03 (0.67) | SchuttS16 (0.80) | KovacsEKV05 (0.80) | KovacsV04 (0.89) | KreterSS17 (0.94) |
| Euclid | HeipckeCCS00 (0.21) | KovacsV04 (0.23) | Caseau97 (0.24) | BeckPS03 (0.25) | CarchraeB09 (0.26) |
| Dot | Groleaz21 (116.00) | Dejemeppe16 (115.00) | Baptiste02 (114.00) | LaborieRSV18 (112.00) | Lombardi10 (107.00) |
| Cosine | HeipckeCCS00 (0.85) | KovacsV04 (0.82) | BeckPS03 (0.82) | CarchraeB09 (0.80) | KhayatLR06 (0.79) |
| KreterSS15 R&C | KreterSS17 (0.56) | SzerediS16 (0.68) | SchuttFS13 (0.68) | SchuttCSW12 (0.70) | SchuttFSW15 (0.76) |
| Euclid | KreterSS17 (0.26) | KreterSSZ18 (0.28) | SzerediS16 (0.29) | YoungFS17 (0.30) | SchuttS16 (0.31) |
| Dot | KreterSS17 (138.00) | Godet21a (134.00) | Schutt11 (123.00) | KreterSSZ18 (121.00) | Caballero19 (117.00) |
| Cosine | KreterSS17 (0.87) | KreterSSZ18 (0.82) | SzerediS16 (0.77) | YoungFS17 (0.77) | abs-1009-0347 (0.75) |
| KreterSS17 R&C | KreterSS15 (0.56) | KreterSSZ18 (0.79) | SchuttFSW15 (0.80) | YoungFS17 (0.81) | SchuttCSW12 (0.82) |
| Euclid | KreterSS15 (0.26) | KreterSSZ18 (0.29) | YoungFS17 (0.35) | SzerediS16 (0.35) | abs-1009-0347 (0.37) |
| Dot | Schutt11 (157.00) | Godet21a (156.00) | Caballero19 (148.00) | KreterSSZ18 (147.00) | Groleaz21 (145.00) |
| Cosine | KreterSS15 (0.87) | KreterSSZ18 (0.84) | YoungFS17 (0.75) | SzerediS16 (0.74) | abs-1009-0347 (0.72) |
| KreterSSZ18 R&C | KreterSS17 (0.79) | SchnellH15 (0.80) | SchnellH17 (0.81) | KreterSS15 (0.84) | EdwardsBSE19 (0.87) |
| Euclid | KreterSS15 (0.28) | KreterSS17 (0.29) | SzerediS16 (0.30) | YoungFS17 (0.30) | SchuttFSW13 (0.30) |
| Dot | KreterSS17 (147.00) | Schutt11 (142.00) | Godet21a (140.00) | Lombardi10 (135.00) | Caballero19 (135.00) |
| Cosine | KreterSS17 (0.84) | KreterSS15 (0.82) | SchuttFSW13 (0.80) | SzerediS16 (0.79) | YoungFS17 (0.79) |
| KrogtLPHJ07 R&C | Wolf05 (0.91) | TanSD10 (0.93) | MonetteDD07 (0.93) | BosiM2001 (0.93) | SourdN00 (0.94) |
| Euclid | ZibranR11a (0.25) | WallaceF00 (0.25) | FoxAS82 (0.25) | ZibranR11 (0.26) | RodriguezDG02 (0.26) |
| Dot | ZarandiASC20 (84.00) | Lombardi10 (79.00) | HarjunkoskiMBC14 (78.00) | Dejemeppe16 (77.00) | Beck99 (77.00) |
| Cosine | HarjunkoskiG02 (0.73) | JainG01 (0.70) | PolicellaWSO05 (0.68) | MaraveliasCG04 (0.68) | OddiS97 (0.68) |
| KuB16 R&C | ColT2019a (0.87) | ColT19 (0.89) | ColT22 (0.89) | GrimesHM09 (0.90) | WatsonB08 (0.90) |
| Euclid | TanSD10 (0.30) | WatsonB08 (0.30) | ArtiguesBF04 (0.31) | FontaineMH16 (0.32) | Beck07 (0.32) |
| Dot | Groleaz21 (129.00) | NaderiRR23 (127.00) | Malapert11 (116.00) | GrimesH11 (111.00) | GrimesH15 (110.00) |
| Cosine | TanSD10 (0.75) | ArtiguesBF04 (0.74) | ZhangBB22 (0.73) | WatsonB08 (0.72) | Beck07 (0.71) |
| Kuchcinski03 R&C | KuchcinskiW03 (0.89) | Colombani96 (0.90) | Goltz95 (0.91) | BeldiceanuC94 (0.94) | DorndorfHP99 (0.94) |
| Euclid | KuchcinskiW03 (0.38) | Goltz95 (0.39) | GruianK98 (0.39) | ChuGNSW13 (0.40) | LozanoCDS12 (0.40) |
| Dot | Malapert11 (156.00) | Dejemeppe16 (146.00) | Schutt11 (144.00) | Lombardi10 (143.00) | Groleaz21 (139.00) |
| Cosine | KuchcinskiW03 (0.68) | Goltz95 (0.66) | GruianK98 (0.65) | TrojetHL11 (0.65) | ChuGNSW13 (0.65) |
| KuchcinskiW03 R&C | Kuchcinski03 (0.89) | BeniniLMR08 (0.92) | ZhangLS12 (0.95) | QuirogaZH05 (0.95) | Geske05 (0.95) |
| Euclid | MalikMB08 (0.21) | WolinskiKG04 (0.22) | LozanoCDS12 (0.23) | LiuLH19 (0.25) | BegB13 (0.25) |
| Dot | Kuchcinski03 (77.00) | Caballero19 (74.00) | Malapert11 (73.00) | Groleaz21 (73.00) | Lombardi10 (72.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | MalikMB08 (0.77) | WolinskiKG04 (0.77) | LozanoCDS12 (0.74) | BegB13 (0.73) | Malik08 (0.71) |
| KucukY19 R&C | SquillaciPR23 (0.97) | | | | |
| Euclid | FrankDT16 (0.23) | VerfaillieL01 (0.23) | GomesHS06 (0.25) | SquillaciPR23 (0.26) | SunLYL10 (0.26) |
| Dot | Groleaz21 (81.00) | ZarandiASC20 (78.00) | Astrand21 (77.00) | Froger16 (75.00) | LaborieRSV18 (73.00) |
| Cosine | VerfaillieL01 (0.75) | SquillaciPR23 (0.73) | FrankDT16 (0.73) | PraletLJ15 (0.67) | AkramNHRSA23 (0.66) |
| Kumar03 R&C | LombardiM09 (0.84) | Muscettola02 (0.89) | BeldiceanuP07 (0.89) | BofillCSV17a (0.90) | LouieVNB14 (0.91) |
| Euclid | LiuJ06 (0.20) | CestaOS98 (0.20) | Caballero23 (0.20) | WallaceF00 (0.21) | KovacsEKV05 (0.21) |
| Dot | LombardiMRB10 (42.00) | Caballero19 (40.00) | Simonis07 (39.00) | RuggieroBBMA09 (39.00) | Malapert11 (39.00) |
| Cosine | LozanoCDS12 (0.64) | WolinskiKG04 (0.63) | KuchcinskiW03 (0.63) | LiuJ06 (0.63) | CestaOS98 (0.62) |
| KusterJF07 R&C | | | | | |
| Euclid | BofillCSV17a (0.25) | BhatnagarKL19 (0.26) | LombardiM13 (0.26) | KeriK07 (0.27) | BofillCSV17 (0.28) |
| Dot | ZarandiASC20 (121.00) | Groleaz21 (109.00) | Baptiste02 (106.00) | LombardiM12 (105.00) | Lombardi10 (105.00) |
| Cosine | BofillCSV17a (0.78) | BhatnagarKL19 (0.76) | LombardiM13 (0.75) | KeriK07 (0.74) | BofillCSV17 (0.72) |
| Laborie03 R&C | BaptisteLPN06 (0.78) | NuijtenA96 (0.85) | MercierH07 (0.88) | BartakSR08 (0.89) | BeckF00 (0.89) |
| Euclid | BeckDSF97 (0.34) | VilimBC04 (0.34) | VilimBC05 (0.35) | BaptisteP00 (0.35) | DemasseyAM05 (0.35) |
| Dot | Baptiste02 (175.00) | Malapert11 (164.00) | Fahimi16 (164.00) | Lombardi10 (163.00) | Schutt11 (156.00) |
| Cosine | BaptisteP00 (0.75) | BeckDSF97 (0.74) | BaptisteP97 (0.74) | DemasseyAM05 (0.74) | VilimBC05 (0.73) |
| Laborie05 R&C | | | | | |
| Euclid | DemasseyAM05 (0.27) | VilimLS15 (0.28) | BofillCSV17a (0.28) | HentenryckM04 (0.29) | CestaOF99 (0.29) |
| Dot | Schutt11 (148.00) | Godet21a (142.00) | Baptiste02 (140.00) | Groleaz21 (139.00) | Siala15a (133.00) |
| Cosine | DemasseyAM05 (0.82) | VilimLS15 (0.82) | Pralet17 (0.79) | HentenryckM04 (0.79) | CestaOF99 (0.78) |
| Laborie09 R&C | DannaP03 (0.79) | PerronSF04 (0.88) | GrimesH11 (0.88) | Mercier-AubinGQ20 (0.93) | CarchraeB09 (0.94) |
| Euclid | LaborieR14 (0.32) | MonetteDH09 (0.33) | Hooker05a (0.33) | PraletLJ15 (0.34) | Limtanyakul07 (0.34) |
| Dot | LaborieRSV18 (152.00) | Groleaz21 (149.00) | Dejemeppe16 (148.00) | ZarandiASC20 (138.00) | Baptiste02 (132.00) |
| Cosine | LaborieR14 (0.75) | MonetteDH09 (0.74) | LaborieRSV18 (0.69) | KhayatLR06 (0.69) | Hooker05a (0.69) |
| Laborie18a R&C | ColT19 (0.83) | ColT2019a (0.85) | LaborieRSV18 (0.85) | BoothTNB16 (0.87) | CappartTSR18 (0.89) |
| Euclid | Limtanyakul07 (0.24) | HookerY02 (0.26) | KovacsEKV05 (0.27) | WuBB05 (0.28) | HeipckeCCS00 (0.28) |
| Dot | LaborieRSV18 (94.00) | Lombardi10 (92.00) | Dejemeppe16 (91.00) | Groleaz21 (86.00) | ColT22 (84.00) |
| Cosine | Limtanyakul07 (0.74) | HeipckeCCS00 (0.73) | Hooker06 (0.72) | LimtanyakulS12 (0.70) | HookerY02 (0.70) |
| LaborieR14 R&C | VilimLS15 (0.88) | ColT19 (0.89) | CappartS17 (0.89) | LaborieRSV18 (0.91) | Beck10 (0.93) |
| Euclid | HeipckeCCS00 (0.29) | MonetteDH09 (0.29) | KovacsV06 (0.31) | Laborie09 (0.32) | HentenryckM04 (0.32) |
| Dot | LaborieRSV18 (161.00) | Groleaz21 (160.00) | ZarandiASC20 (145.00) | Baptiste02 (139.00) | Lombardi10 (138.00) |
| Cosine | MonetteDH09 (0.80) | HeipckeCCS00 (0.78) | Laborie09 (0.75) | TouatBT22 (0.74) | KovacsV06 (0.74) |
| LaborieRSV18 R&C | HamP21 (0.85) | Laborie18a (0.85) | VilimLS15 (0.87) | Ham18a (0.89) | LuoB22 (0.90) |
| Euclid | LaborieR14 (0.49) | Laborie09 (0.51) | NovaraNH16 (0.52) | VilimLS15 (0.52) | HauderBRPA20 (0.54) |
| Dot | Groleaz21 (262.00) | Dejemeppe16 (240.00) | ZarandiASC20 (239.00) | Astrand21 (226.00) | Lombardi10 (219.00) |
| Cosine | LaborieR14 (0.73) | Laborie09 (0.69) | NovaraNH16 (0.68) | VilimLS15 (0.67) | LombardiM12 (0.66) |
| LacknerMMWW21 R&C | | | | | |
| Euclid | LacknerMMWW23 (0.22) | ColT2019a (0.46) | MeyerE04 (0.49) | GroleazNS20a (0.49) | ColT19 (0.49) |
| Dot | LacknerMMWW23 (240.00) | Groleaz21 (191.00) | Dejemeppe16 (174.00) | ColT22 (169.00) | Lunardi20 (160.00) |
| Cosine | LacknerMMWW23 (0.94) | ColT22 (0.65) | ColT2019a (0.62) | WinterMMW22 (0.60) | GroleazNS20a (0.59) |
| LacknerMMWW23 R&C | MalapertGR12 (0.89) | TangB20 (0.91) | HamFC17 (0.92) | KoschB14 (0.94) | ColT19 (0.95) |
| Euclid | LacknerMMWW21 (0.22) | ColT2019a (0.50) | MeyerE04 (0.52) | ColT22 (0.52) | WinterMMW22 (0.52) |
| Dot | LacknerMMWW21 (240.00) | Groleaz21 (209.00) | Dejemeppe16 (199.00) | ColT22 (185.00) | Lunardi20 (180.00) |
| Cosine | LacknerMMWW21 (0.94) | ColT22 (0.66) | WinterMMW22 (0.62) | ColT2019a (0.61) | AwadMDMT22 (0.59) |
| LahimerLH11 R&C | GuSS13 (0.97) | MalapertGR12 (0.98) | GuSSWC14 (0.98) | GomesM17 (0.98) | BruckerK00 (0.99) |
| Euclid | HeipckeCCS00 (0.27) | MakMS10 (0.28) | MalapertCGJLR13 (0.29) | Limtanyakul07 (0.29) | Caseau97 (0.29) |
| Dot | Groleaz21 (116.00) | ZarandiASC20 (111.00) | Baptiste02 (111.00) | Godet21a (106.00) | Malapert11 (105.00) |
| Cosine | HeipckeCCS00 (0.76) | ZhangYW21 (0.74) | KhayatLR06 (0.73) | EtminaniesfahaniGNMS22 (0.73) | VilimLS15 (0.73) |
| LammaMM97 R&C | Simonis95a (0.89) | Simonis99 (0.92) | BaptisteLV92 (0.92) | Zhou96 (0.93) | Goltz95 (0.93) |
| Euclid | BrusoniCLMMT96 (0.23) | DincbasSH90 (0.28) | Bartak02 (0.31) | Simonis95 (0.32) | Simonis95a (0.32) |
| Dot | ZarandiASC20 (110.00) | Wallace96 (103.00) | Baptiste02 (103.00) | Malapert11 (101.00) | Beck99 (97.00) |
| Cosine | BrusoniCLMMT96 (0.83) | DincbasSH90 (0.76) | Wallace96 (0.72) | Simonis95a (0.71) | Bartak02 (0.70) |
| LarsonJC14 R&C | CarlssonJL17 (0.64) | RasmussenT06 (0.80) | RasmussenT09 (0.81) | Trick11 (0.86) | SuCC13 (0.87) |
| Euclid | RasmussenT06 (0.25) | EastonNT02 (0.25) | NaqviAIAAA22 (0.26) | Perron05 (0.27) | Trick03 (0.27) |
| Dot | HookerH17 (73.00) | Dejemeppe16 (71.00) | Fahimi16 (71.00) | RasmussenT09 (70.00) | Godet21a (66.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | RasmussenT06 (0.76) | EastonNT02 (0.74) | NaqviAIAAA22 (0.72) | RasmussenT09 (0.71) | Trick03 (0.70) |
| LauLN08 R&C | GuSW12 (0.96) | GuSSWC14 (0.97) | | | |
| Euclid | CrawfordB94 (0.14) | HebrardTW05 (0.19) | FoxAS82 (0.20) | KovacsEKV05 (0.21) | AngelsmarkJ00 (0.21) |
| Dot | ZarandiASC20 (65.00) | Astrand21 (65.00) | Beck99 (64.00) | HarjunkoskiMBC14 (62.00) | AbreuN22 (61.00) |
| Cosine | CrawfordB94 (0.87) | FoxAS82 (0.73) | DoRZ08 (0.73) | Beck06 (0.72) | HebrardTW05 (0.72) |
| Layfield02 R&C | | | | | |
| Euclid | MaraveliasG04 (0.14) | Baptiste09 (0.16) | AbrilSB05 (0.19) | Hamscher91 (0.20) | CarchraeBF05 (0.21) |
| Dot | ZeballosNH11 (18.00) | KoehlerBFFHPSSS21 (18.00) | Menana11 (14.00) | ZeballosCM10 (14.00) | TangLWSK18 (13.00) |
| Cosine | MaraveliasG04 (0.65) | Baptiste09 (0.46) | Hamscher91 (0.39) | ZibranR11 (0.36) | Hooker17 (0.36) |
| LeeKLKKYHP97 R&C | | | | | |
| Euclid | FortinZDF05 (0.19) | LombardiM13 (0.20) | WallaceF00 (0.22) | ChapadosJR11 (0.23) | Bonfietti16 (0.23) |
| Dot | LaborieRSV18 (64.00) | ZarandiASC20 (63.00) | Dejemeppe16 (62.00) | Astrand21 (61.00) | Lunardi20 (59.00) |
| Cosine | FortinZDF05 (0.76) | LombardiBMB11 (0.72) | BeckPS03 (0.71) | BonfiettiLBM11 (0.71) | LombardiM13 (0.70) |
| Lemos21 R&C | | | | | |
| Euclid | PourDERB18 (0.52) | Salido10 (0.54) | KovacsTKSG21 (0.55) | MarliereSPR23 (0.55) | LiuW11 (0.56) |
| Dot | ZarandiASC20 (221.00) | Dejemeppe16 (199.00) | Groleaz21 (190.00) | Astrand21 (188.00) | Froger16 (186.00) |
| Cosine | PourDERB18 (0.64) | LuZZYW24 (0.60) | Salido10 (0.60) | KovacsTKSG21 (0.59) | MarliereSPR23 (0.58) |
| Letort13 R&C | | | | | |
| Euclid | LetortCB15 (0.31) | LetortBC12 (0.33) | LetortCB13 (0.34) | Derrien15 (0.36) | GayHS15a (0.38) |
| Dot | Malapert11 (181.00) | Schutt11 (163.00) | Fahimi16 (160.00) | Kameugne14 (149.00) | Godet21a (145.00) |
| Cosine | LetortCB15 (0.82) | LetortBC12 (0.78) | LetortCB13 (0.77) | Derrien15 (0.75) | Clercq12 (0.73) |
| LetortBC12 R&C | OuelletQ13 (0.57) | GayHS15 (0.61) | KameugneFSN14 (0.66) | Vilim11 (0.67) | LetortCB13 (0.68) |
| Euclid | LetortCB13 (0.14) | LetortCB15 (0.18) | WolfS05 (0.30) | BeldiceanuP07 (0.30) | BeldiceanuC02 (0.31) |
| Dot | Malapert11 (121.00) | LetortCB15 (120.00) | Letort13 (119.00) | LetortCB13 (110.00) | Schutt11 (104.00) |
| Cosine | LetortCB13 (0.94) | LetortCB15 (0.92) | Letort13 (0.78) | BeldiceanuC02 (0.69) | WolfS05 (0.69) |
| LetortCB13 R&C | LetortCB15 (0.58) | LetortBC12 (0.68) | KameugneFSN11 (0.74) | OuelletQ13 (0.75) | KameugneFSN14 (0.80) |
| Euclid | LetortBC12 (0.14) | LetortCB15 (0.17) | BeldiceanuP07 (0.30) | CauwelaertLS15 (0.30) | WolfS05 (0.30) |
| Dot | Malapert11 (123.00) | LetortCB15 (120.00) | Letort13 (117.00) | Schutt11 (112.00) | LetortBC12 (110.00) |
| Cosine | LetortBC12 (0.94) | LetortCB15 (0.93) | Letort13 (0.77) | GingrasQ16 (0.71) | BeldiceanuP07 (0.70) |
| LetortCB15 R&C | LetortCB13 (0.58) | LetortBC12 (0.69) | OuelletQ13 (0.71) | GayHS15a (0.77) | KameugneFSN14 (0.79) |
| Euclid | LetortCB13 (0.17) | LetortBC12 (0.18) | Letort13 (0.31) | GingrasQ16 (0.33) | DerrienP14 (0.34) |
| Dot | Malapert11 (141.00) | Letort13 (138.00) | Schutt11 (131.00) | Godet21a (124.00) | LetortBC12 (120.00) |
| Cosine | LetortCB13 (0.93) | LetortBC12 (0.92) | Letort13 (0.82) | GingrasQ16 (0.70) | OuelletQ13 (0.68) |
| LiFJZLL22 R&C | Fatemi-AnarakiTFV23 (0.95) | AbreuNP23 (0.96) | MurinR19 (0.96) | ParkUJR19 (0.97) | HamPK21 (0.97) |
| Euclid | JuvinHL23 (0.27) | HamP21 (0.31) | NovasH14 (0.31) | Teppan22 (0.32) | IklassovMR023 (0.32) |
| Dot | ZarandiASC20 (154.00) | Lunardi20 (137.00) | PrataAN23 (135.00) | IsikYA23 (135.00) | Groleaz21 (133.00) |
| Cosine | JuvinHL23 (0.79) | CzerniachowskaWZ23 (0.76) | HamP21 (0.75) | OujanaAYB22 (0.74) | NovasH14 (0.74) |
| LiLZDZW24 R&C | | | | | |
| Euclid | WatsonBHW99 (0.26) | IklassovMR023 (0.27) | Tassel22 (0.30) | LauLN08 (0.31) | DoRZ08 (0.31) |
| Dot | Astrand21 (91.00) | ZarandiASC20 (89.00) | IsikYA23 (89.00) | abs-2211-14492 (88.00) | Groleaz21 (86.00) |
| Cosine | WatsonBHW99 (0.75) | IklassovMR023 (0.74) | TasselGS23 (0.67) | abs-2306-05747 (0.67) | LiFJZLL22 (0.67) |
| LiW08 R&C | Hooker05 (0.88) | Hooker05b (0.88) | AggounMV08 (0.89) | Thorsteinsson01 (0.90) | AkkerDH07 (0.90) |
| Euclid | KhayatLR06 (0.31) | BeckPS03 (0.33) | QuirogaZH05 (0.34) | ZeballosQH10 (0.34) | LiessM08 (0.34) |
| Dot | Lombardi10 (163.00) | ZarandiASC20 (161.00) | Dejemeppe16 (157.00) | Baptiste02 (156.00) | Schutt11 (147.00) |
| Cosine | KhayatLR06 (0.78) | BeckPS03 (0.76) | ZeballosQH10 (0.75) | ZeballosNH11 (0.73) | ZeballosH05 (0.73) |
| LiessM08 R&C | DemasseyAM05 (0.77) | NeronABCDD06 (0.79) | BruckerK00 (0.80) | ArkhipovBL19 (0.84) | KameugneFSN14 (0.88) |
| Euclid | BofillCSV17a (0.21) | DemasseyAM05 (0.23) | HeipckeCCS00 (0.23) | BenderWS21 (0.25) | BofillCSV17 (0.25) |
| Dot | Schutt11 (136.00) | Baptiste02 (131.00) | Lombardi10 (129.00) | Godet21a (129.00) | Dejemeppe16 (125.00) |
| Cosine | DemasseyAM05 (0.86) | BofillCSV17a (0.85) | HeipckeCCS00 (0.83) | VilimLS15 (0.83) | BaptisteP97 (0.82) |
| LimAHO02a R&C | | | | | |
| Euclid | CarchraeBF05 (0.16) | AngelsmarkJ00 (0.17) | Tsang03 (0.18) | Baptiste09 (0.18) | FrostD98 (0.18) |
| Dot | Lemos21 (38.00) | ZarandiASC20 (37.00) | Astrand21 (37.00) | Lombardi10 (32.00) | Wallace96 (31.00) |
| Cosine | YoshikawaKNW94 (0.71) | Schaerf97 (0.70) | FeldmanG89 (0.59) | AngelsmarkJ00 (0.58) | ShaikhK23 (0.58) |
| LimBTBB15 R&C | LimHTB16 (0.78) | GelainPRVW17 (0.80) | LimBTBB15a (0.86) | IfrimOS12 (0.90) | DannaP03 (0.90) |
| Euclid | LimHTB16 (0.22) | LimBTBB15a (0.25) | BofillCGGPSV23 (0.27) | ZibranR11 (0.28) | BofillGSV15 (0.28) |
| Dot | HarjunkoskiMBC14 (69.00) | Dejemeppe16 (68.00) | Groleaz21 (68.00) | ZarandiASC20 (67.00) | LaborieRSV18 (67.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | LimHTB16 (0.77) | LimBTBB15a (0.69) | CarchraeB09 (0.59) | PerronSF04 (0.58) | BofillCGGPSV23 (0.58) |
| LimBTBB15a R&C | LimBTBB15 (0.86) | IfrimOS12 (0.89) | RendlPHPR12 (0.94) | DannaP03 (0.96) | |
| Euclid | LimBTBB15 (0.25) | LimHTB16 (0.26) | BofillCGGPSV23 (0.27) | Baptiste09 (0.28) | ChapadosJR11 (0.28) |
| Dot | Lemos21 (54.00) | ZarandiASC20 (51.00) | LimBTBB15 (48.00) | LimHTB16 (47.00) | PrataAN23 (46.00) |
| Cosine | LimBTBB15 (0.69) | LimHTB16 (0.66) | BofillCGGPSV23 (0.53) | PesantRR15 (0.52) | ZhuS02 (0.50) |
| LimHTB16 R&C | LimBTBB15 (0.78) | MurphyMB15 (0.95) | DannaP03 (0.96) | SchausHMCMD11 (0.96) | GarganiR07 (0.96) |
| Euclid | LimBTBB15 (0.22) | ZibranR11 (0.26) | LimBTBB15a (0.26) | PesantRR15 (0.27) | ZibranR11a (0.27) |
| Dot | ZarandiASC20 (70.00) | Lombardi10 (67.00) | Astrand21 (66.00) | Beck99 (64.00) | Dejemeppe16 (62.00) |
| Cosine | LimBTBB15 (0.77) | LimBTBB15a (0.66) | GrimesIOS14 (0.63) | ZibranR11a (0.62) | ZibranR11 (0.62) |
| LimRX04 R&C | ZampelliVSDR13 (0.92) | UnsalO13 (0.94) | GuSW12 (0.96) | ZarandiKS16 (0.97) | LombardiMB13 (0.97) |
| Euclid | HebrardTW05 (0.22) | KletzanderM17 (0.23) | Davis87 (0.23) | AngelsmarkJ00 (0.24) | CarchraeBF05 (0.24) |
| Dot | ZarandiASC20 (65.00) | Froger16 (63.00) | SacramentoSP20 (62.00) | Lunardi20 (59.00) | Astrand21 (58.00) |
| Cosine | KletzanderM17 (0.64) | NattafDYW19 (0.61) | HebrardTW05 (0.61) | RendlPHPR12 (0.60) | WatsonB08 (0.60) |
| Limtanyakul07 R&C | LimtanyakulS12 (0.73) | Davenport10 (0.80) | Vilim09 (0.86) | Vilim09a (0.86) | Beck10 (0.86) |
| Euclid | BockmayrP06 (0.21) | Sadykov04 (0.22) | HookerY02 (0.22) | MakMS10 (0.23) | Hooker17 (0.24) |
| Dot | Baptiste02 (86.00) | BartakSR10 (83.00) | Lombardi10 (81.00) | Dejemeppe16 (81.00) | Groleaz21 (81.00) |
| Cosine | Colombani96 (0.78) | BockmayrP06 (0.77) | HeipckeCCS00 (0.76) | Sadykov04 (0.76) | LimtanyakulS12 (0.75) |
| LimtanyakulS12 R&C | Limtanyakul07 (0.73) | QuirogaZH05 (0.79) | ZhangLS12 (0.80) | KovacsV04 (0.82) | Geske05 (0.83) |
| Euclid | Limtanyakul07 (0.31) | Hooker06 (0.33) | Laborie18a (0.33) | ChuX05 (0.34) | Hooker05a (0.35) |
| Dot | Lombardi10 (157.00) | Baptiste02 (149.00) | Dejemeppe16 (144.00) | Groleaz21 (140.00) | Malapert11 (134.00) |
| Cosine | Limtanyakul07 (0.75) | Hooker06 (0.73) | Laborie18a (0.70) | MercierH07 (0.69) | Hooker07 (0.69) |
| LipovetzkyBPS14 R&C | | | | | |
| Euclid | NishikawaSTT18 (0.24) | NishikawaSTT18a (0.24) | BlomBPS14 (0.27) | BeniniBGM05a (0.27) | NishikawaSTT19 (0.27) |
| Dot | Lunardi20 (92.00) | LaborieRSV18 (92.00) | Groleaz21 (89.00) | Malapert11 (87.00) | Astrand21 (86.00) |
| Cosine | NishikawaSTT18 (0.78) | NishikawaSTT18a (0.77) | NishikawaSTT19 (0.73) | BurtLPS15 (0.71) | BlomBPS14 (0.71) |
| LiuCGM17 R&C | Salido10 (0.94) | BartakS11 (0.94) | Colombani96 (0.95) | Rodriguez07 (0.95) | NuijtenA96 (0.95) |
| Euclid | ZibranR11 (0.27) | ZibranR11a (0.27) | ZhangLS12 (0.29) | ChapadosJR11 (0.30) | CohenHB17 (0.30) |
| Dot | Godet21a (97.00) | Dejemeppe16 (88.00) | Beck99 (86.00) | ColT22 (84.00) | ZarandiASC20 (82.00) |
| Cosine | ZibranR11a (0.69) | ZibranR11 (0.69) | ZhangLS12 (0.65) | FallahiAC20 (0.64) | ChapadosJR11 (0.62) |
| LiuGT10 R&C | BriandHHL08 (0.84) | KameugneF13 (0.84) | TanSD10 (0.85) | ArkhipovBL19 (0.87) | KameugneFSN11 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| LiuJ06 R&C | | | | | |
| Euclid | CarchraeBF05 (0.13) | AngelsmarkJ00 (0.14) | Davis87 (0.15) | Hunsberger08 (0.16) | Rit86 (0.17) |
| Dot | Malapert11 (37.00) | Dejemeppe16 (36.00) | Astrand21 (35.00) | Lombardi10 (34.00) | Schutt11 (34.00) |
| Cosine | Rit86 (0.73) | CarchraeBF05 (0.72) | LudwigKRBMS14 (0.71) | CarlssonKA99 (0.70) | AngelsmarkJ00 (0.67) |
| LiuLH18 R&C | LiuLH19a (0.80) | LiuLH19 (0.92) | ZengM12 (0.92) | Balduccini11 (0.94) | CarlssonJL17 (0.95) |
| Euclid | EastonNT02 (0.26) | Perron05 (0.28) | NaqviAIAAA22 (0.28) | RasmussenT06 (0.28) | ZhangLS12 (0.30) |
| Dot | ZarandiASC20 (65.00) | Godet21a (63.00) | Dejemeppe16 (62.00) | Fahimi16 (62.00) | Lombardi10 (61.00) |
| Cosine | EastonNT02 (0.70) | NaqviAIAAA22 (0.66) | RasmussenT06 (0.65) | RasmussenT09 (0.65) | LiuLH19a (0.65) |
| LiuLH19 R&C | BandaSC11 (0.91) | LiuLH18 (0.92) | PoderBS04 (0.92) | DincbasSH90 (0.93) | AggounB93 (0.94) |
| Euclid | GelainPRVW17 (0.20) | BandaSC11 (0.21) | ZhangLS12 (0.23) | KuchcinskiW03 (0.25) | FeldmanG89 (0.26) |
| Dot | Godet21a (79.00) | Lemos21 (75.00) | Fahimi16 (75.00) | Dejemeppe16 (73.00) | German18 (72.00) |
| Cosine | GelainPRVW17 (0.80) | BandaSC11 (0.77) | GarridoAO09 (0.72) | ZhangLS12 (0.72) | LiuLH19a (0.71) |
| LiuLH19a R&C | LiuLH18 (0.80) | EastonNT02 (0.98) | | | |
| Euclid | ZhangLS12 (0.26) | LiuLH19 (0.26) | BandaSC11 (0.27) | GelainPRVW17 (0.28) | SmithBHW96 (0.29) |
| Dot | Siala15a (81.00) | Godet21a (79.00) | Schutt11 (73.00) | Dejemeppe16 (73.00) | Malapert11 (72.00) |
| Cosine | LiuLH19 (0.71) | ZhangLS12 (0.69) | BandaSC11 (0.65) | LiuLH18 (0.65) | GelainPRVW17 (0.64) |
| LiuW11 R&C | NovasH14 (0.92) | TangLWSK18 (0.93) | Zeballos10 (0.94) | LiessM08 (0.95) | ZarandiKS16 (0.96) |
| Euclid | MakMS10 (0.29) | VanczaM01 (0.31) | BockmayrP06 (0.31) | TrojetHL11 (0.31) | AkramNHRSA23 (0.31) |
| Dot | ZarandiASC20 (152.00) | Groleaz21 (139.00) | Lombardi10 (136.00) | Astrand21 (124.00) | Dejemeppe16 (124.00) |
| Cosine | TrojetHL11 (0.74) | MakMS10 (0.73) | LombardiMB13 (0.70) | VanczaM01 (0.70) | HeipckeCCS00 (0.69) |
| Lombardi10 R&C | | | | | |
| Euclid | LombardiM12 (0.50) | LombardiM10a (0.50) | LombardiMRB10 (0.53) | Beck99 (0.55) | LombardiMB13 (0.55) |
| Dot | Groleaz21 (289.00) | Baptiste02 (284.00) | ZarandiASC20 (279.00) | Dejemeppe16 (279.00) | Schutt11 (261.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | LombardiM10a (0.76) | LombardiM12 (0.76) | LombardiMRB10 (0.72) | Schutt11 (0.71) | Beck99 (0.71) |
| LombardiBM15 R&C | KameugneF13 (0.83) | KameugneFSN11 (0.88) | KameugneFSN14 (0.89) | LetortCB13 (0.89) | LombardiM10 (0.89) |
| Euclid | BonfiettiLM14 (0.18) | LombardiM12a (0.19) | LombardiM09 (0.23) | FortinZDF05 (0.24) | LombardiM10 (0.25) |
| Dot | ZarandiASC20 (118.00) | Lombardi10 (115.00) | Astrand21 (112.00) | LaborieRSV18 (109.00) | Godet21a (109.00) |
| Cosine | BonfiettiLM14 (0.89) | LombardiM12a (0.88) | LombardiM09 (0.82) | LombardiM10 (0.79) | BeckW07 (0.78) |
| LombardiBMB11 R&C | BonfiettiLBM11 (0.60) | LombardiM13 (0.85) | LombardiM12a (0.85) | BonfiettiLBM14 (0.89) | BonfiettiLBM12 (0.92) |
| Euclid | BonfiettiLBM11 (0.17) | BonfiettiLBM12 (0.20) | BonfiettiLM13 (0.22) | FortinZDF05 (0.25) | BonfiettiM12 (0.26) |
| Dot | BonfiettiLBM14 (105.00) | Lombardi10 (105.00) | Astrand21 (103.00) | Groleaz21 (103.00) | Schutt11 (100.00) |
| Cosine | BonfiettiLBM11 (0.90) | BonfiettiLBM12 (0.86) | BonfiettiLM13 (0.84) | BonfiettiLBM14 (0.82) | BonfiettiZLM16 (0.77) |
| LombardiM09 R&C | LombardiM13 (0.80) | LombardiM12a (0.80) | LombardiM10 (0.83) | CestaOS98 (0.83) | Kumar03 (0.84) |
| Euclid | LombardiM10 (0.21) | LombardiM13 (0.22) | FortinZDF05 (0.22) | LombardiBM15 (0.23) | LombardiM12a (0.23) |
| Dot | Lombardi10 (108.00) | ZarandiASC20 (104.00) | SubulanC22 (98.00) | Schutt11 (97.00) | Dejemeppe16 (96.00) |
| Cosine | LombardiM10 (0.85) | LombardiM13 (0.82) | LombardiBM15 (0.82) | FortinZDF05 (0.81) | LombardiM12a (0.81) |
| LombardiM10 R&C | LombardiMB13 (0.80) | LombardiM09 (0.83) | LombardiM13 (0.88) | LombardiM12a (0.88) | AmadiniGM16 (0.89) |
| Euclid | LombardiM09 (0.21) | LombardiM13 (0.23) | OddiRC10 (0.23) | BhatnagarKL19 (0.24) | LombardiM12a (0.24) |
| Dot | Lombardi10 (116.00) | Baptiste02 (107.00) | Godet21a (106.00) | Dejemeppe16 (106.00) | Groleaz21 (105.00) |
| Cosine | LombardiM09 (0.85) | LombardiM13 (0.82) | CestaOF99 (0.81) | OddiRC10 (0.80) | LombardiM12a (0.80) |
| LombardiM10a R&C | BartakCS10 (0.81) | LombardiMRB10 (0.86) | BeniniLMR11 (0.86) | LombardiM09 (0.91) | LombardiBM15 (0.91) |
| Euclid | LombardiMRB10 (0.32) | LombardiM10 (0.35) | OzturkTHO12 (0.36) | BartakSR08 (0.36) | BeniniLMR11 (0.37) |
| Dot | Lombardi10 (203.00) | Groleaz21 (169.00) | Baptiste02 (168.00) | Dejemeppe16 (156.00) | ZarandiASC20 (155.00) |
| Cosine | LombardiMRB10 (0.80) | Lombardi10 (0.76) | BartakSR08 (0.73) | LombardiM10 (0.73) | OzturkTHO12 (0.71) |
| LombardiM12 R&C | CireCH13 (0.86) | CobanH11 (0.86) | CireCH16 (0.87) | Hooker07 (0.89) | Hooker05 (0.90) |
| Euclid | BaptisteP97 (0.41) | GokPTGO23 (0.42) | Mercier-AubinGQ20 (0.42) | LiessM08 (0.42) | DemasseyAM05 (0.43) |
| Dot | Lombardi10 (240.00) | Groleaz21 (233.00) | ZarandiASC20 (229.00) | Dejemeppe16 (225.00) | Baptiste02 (222.00) |
| Cosine | Lombardi10 (0.76) | BaptisteP97 (0.73) | GokPTGO23 (0.73) | Mercier-AubinGQ20 (0.72) | LiessM08 (0.71) |
| LombardiM12a R&C | LombardiM13 (0.00) | LombardiM09 (0.80) | SchuttFSW13 (0.85) | LombardiBMB11 (0.85) | LombardiMB13 (0.86) |
| Euclid | BofillCSV17 (0.19) | OddiRC10 (0.19) | LombardiBM15 (0.19) | BofillCSV17a (0.20) | LombardiM13 (0.21) |
| Dot | Schutt11 (101.00) | Lombardi10 (100.00) | Caballero19 (97.00) | Godet21a (96.00) | ZarandiASC20 (94.00) |
| Cosine | LombardiBM15 (0.88) | BofillCSV17 (0.87) | OddiRC10 (0.86) | BofillCSV17a (0.85) | LombardiM13 (0.84) |
| LombardiM13 R&C | LombardiM12a (0.00) | LombardiM09 (0.80) | SchuttFSW13 (0.85) | LombardiBMB11 (0.85) | LombardiMB13 (0.86) |
| Euclid | OddiRC10 (0.16) | Caballero23 (0.17) | BhatnagarKL19 (0.18) | FortinZDF05 (0.18) | BonfiettiM12 (0.18) |
| Dot | Caballero19 (65.00) | Schutt11 (64.00) | Godet21a (64.00) | ZarandiASC20 (63.00) | Lombardi10 (63.00) |
| Cosine | OddiRC10 (0.88) | BofillCSV17a (0.85) | LombardiM12a (0.84) | BofillCSV17 (0.84) | BhatnagarKL19 (0.83) |
| LombardiMB13 R&C | LombardiM10 (0.80) | LombardiM09 (0.85) | LombardiM13 (0.86) | LombardiM12a (0.86) | CestaOPS14 (0.88) |
| Euclid | LombardiM09 (0.29) | LombardiMRB10 (0.30) | LombardiM10 (0.30) | NishikawaSTT19 (0.31) | Vilim09a (0.32) |
| Dot | Lombardi10 (166.00) | Groleaz21 (150.00) | Dejemeppe16 (147.00) | ZarandiASC20 (144.00) | Schutt11 (137.00) |
| Cosine | LombardiMRB10 (0.80) | LombardiM09 (0.77) | LombardiM10 (0.75) | NishikawaSTT19 (0.74) | Vilim09a (0.72) |
| LombardiMRB10 R&C | BeniniBGM05 (0.78) | BeniniLMR08 (0.80) | BeniniLMMR08 (0.81) | CireCH13 (0.82) | BeniniLMR11 (0.82) |
| Euclid | BeniniBGM06 (0.30) | LombardiMB13 (0.30) | BeniniLMR08 (0.31) | LombardiM10a (0.32) | BeniniBGM05 (0.32) |
| Dot | Lombardi10 (187.00) | ZarandiASC20 (152.00) | Groleaz21 (149.00) | Baptiste02 (146.00) | Astrand21 (145.00) |
| Cosine | LombardiMB13 (0.80) | LombardiM10a (0.80) | BeniniBGM06 (0.80) | BeniniLMR08 (0.78) | BeniniBGM05 (0.77) |
| LopesCSM10 R&C | MouraSCL08 (0.52) | MouraSCL08a (0.60) | MagataoAN05 (0.92) | FelizariAL09 (0.92) | Henz01 (0.96) |
| Euclid | MouraSCL08 (0.24) | MouraSCL08a (0.26) | GilesH16 (0.33) | BeniniBGM05a (0.34) | PesantGPR99 (0.35) |
| Dot | HarjunkoskiMBC14 (125.00) | Beck99 (123.00) | ZarandiASC20 (120.00) | Astrand21 (120.00) | Lombardi10 (119.00) |
| Cosine | MouraSCL08 (0.83) | MouraSCL08a (0.80) | GilesH16 (0.68) | GoelSHFS15 (0.65) | HarjunkoskiMBC14 (0.64) |
| LopezAKYG00 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| LorigeonBB02 R&C | NuijtenA96 (0.95) | KorbaaYG00 (0.97) | ArtiguesF07 (0.97) | MalapertCGJLR12 (0.98) | MejiaY20 (0.98) |
| Euclid | JuvinHL23 (0.30) | BillautHL12 (0.30) | QinWSLS21 (0.32) | ParkUJR19 (0.32) | HebrardHJMPV16 (0.33) |
| Dot | Lunardi20 (117.00) | Groleaz21 (113.00) | Malapert11 (110.00) | AbreuNP23 (109.00) | Baptiste02 (108.00) |
| Cosine | JuvinHL23 (0.71) | QinWSLS21 (0.70) | BillautHL12 (0.70) | ParkUJR19 (0.69) | AbreuNP23 (0.68) |
| LouieVNB14 R&C | Kumar03 (0.91) | BoothTNB16 (0.91) | ReddyFIBKAJ11 (0.94) | Laborie03 (0.95) | BidotVLB09 (0.95) |
| Euclid | FukunagaHFAMN02 (0.19) | Davis87 (0.23) | TranWDRFOVB16 (0.23) | WallaceF00 (0.23) | ChapadosJR11 (0.23) |
| Dot | Dejemeppe16 (66.00) | LaborieRSV18 (65.00) | ZarandiASC20 (63.00) | Astrand21 (62.00) | ZeballosCM10 (61.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | FukunagaHFAMN02 (0.74) | TranWDRFOVB16 (0.70) | NovasH14 (0.69) | NovasH12 (0.66) | AstrandJZ18 (0.66) |
| LozanoCDS12 R&C | MalikMB08 (0.95) | SimoninAHL12 (0.95) | BeldiceanuC02 (0.95) | Kuchcinski03 (0.95) | LetortCB15 (0.95) |
| Euclid | BeniniBGM05a (0.23) | KuchcinskiW03 (0.23) | BockmayrP06 (0.23) | AlakaPY19 (0.23) | MalikMB08 (0.23) |
| Dot | Malapert11 (85.00) | Dejemeppe16 (82.00) | Groleaz21 (81.00) | Lombardi10 (80.00) | HarjunkoskiMBC14 (80.00) |
| Cosine | BeniniBGM06 (0.77) | AlakaPY19 (0.75) | BockmayrP06 (0.74) | KuchcinskiW03 (0.74) | Alaka21 (0.74) |
| LuZZYW24 R&C | | | | | |
| Euclid | Alaka21 (0.43) | ZouZ20 (0.44) | Ham18 (0.44) | LiuW11 (0.44) | Tom19 (0.44) |
| Dot | ZarandiASC20 (196.00) | Froger16 (180.00) | Astrand21 (169.00) | Lunardi20 (163.00) | Groleaz21 (162.00) |
| Cosine | Froger16 (0.66) | SacramentoSP20 (0.66) | SubulanC22 (0.63) | AfsarVPG23 (0.63) | GokPTGO23 (0.63) |
| LudwigKRBMS14 R&C | | | | | |
| Euclid | FukunagaHFAMN02 (0.17) | AngelsmarkJ00 (0.18) | LiuJ06 (0.18) | Rit86 (0.18) | BarlattCG08 (0.20) |
| Dot | Astrand21 (52.00) | Lunardi20 (50.00) | Lombardi10 (50.00) | ZarandiASC20 (49.00) | Malapert11 (49.00) |
| Cosine | FukunagaHFAMN02 (0.75) | SimoninAHL15 (0.73) | Rit86 (0.73) | SimoninAHL12 (0.73) | AngelsmarkJ00 (0.72) |
| Lunardi20 R&C | | | | | |
| Euclid | YunusogluY22 (0.50) | AfsarVPG23 (0.51) | LunardiBLRV20 (0.51) | MengZRZL20 (0.51) | OujanaAYB22 (0.51) |
| Dot | ZarandiASC20 (322.00) | Groleaz21 (293.00) | Dejemeppe16 (260.00) | Astrand21 (258.00) | IsikYA23 (246.00) |
| Cosine | IsikYA23 (0.74) | YunusogluY22 (0.73) | MengZRZL20 (0.73) | AfsarVPG23 (0.73) | LunardiBLRV20 (0.72) |
| LunardiBLRV20 R&C | HamC16 (0.88) | NaderiR22 (0.88) | HamP21 (0.89) | MengZRZL20 (0.89) | HeinzNVH22 (0.89) |
| Euclid | MurinR19 (0.35) | ZhangW18 (0.36) | JuvinHL23 (0.36) | CauwelaertDMS16 (0.36) | BillautHL12 (0.37) |
| Dot | Lunardi20 (184.00) | Groleaz21 (155.00) | NaderiRR23 (150.00) | ZarandiASC20 (148.00) | Astrand21 (147.00) |
| Cosine | ZhangW18 (0.76) | MurinR19 (0.74) | HamPK21 (0.73) | Lunardi20 (0.72) | Novas19 (0.71) |
| LuoB22 R&C | LaborieRSV18 (0.90) | ColT19 (0.93) | BeldiceanuCDP11 (0.94) | BeldiceanuCP08 (0.95) | Laborie18a (0.95) |
| Euclid | HookerY02 (0.35) | Balduccini11 (0.35) | PerezGSL23 (0.36) | abs-2312-13682 (0.36) | KhemmoudjPB06 (0.36) |
| Dot | Malapert11 (106.00) | LaborieRSV18 (99.00) | Godet21a (99.00) | Dejemeppe16 (99.00) | Lombardi10 (99.00) |
| Cosine | Madi-WambaLOBM17 (0.64) | Balduccini11 (0.61) | HookerY02 (0.60) | BonfiettiLBM14 (0.59) | PerezGSL23 (0.59) |
| LuoVLBM16 R&C | | | | | |
| Euclid | CrawfordB94 (0.20) | BridiLBBM16 (0.22) | WallaceF00 (0.23) | LauLN08 (0.23) | FoxAS82 (0.23) |
| Dot | ZarandiASC20 (69.00) | Siala15a (62.00) | SenderovichBB19 (61.00) | Godet21a (61.00) | Dejemeppe16 (61.00) |
| Cosine | CrawfordB94 (0.75) | BridiLBBM16 (0.73) | Vilim05 (0.69) | FoxAS82 (0.68) | BeckPS03 (0.68) |
| Madi-WambaB16 R&C | | | | | |
| Euclid | LudwigKRBMS14 (0.23) | Caseau97 (0.23) | AngelsmarkJ00 (0.24) | Rit86 (0.25) | ChuGNSW13 (0.26) |
| Dot | Godet21a (75.00) | Dejemeppe16 (74.00) | Malapert11 (73.00) | Beck99 (72.00) | Fahimi16 (71.00) |
| Cosine | Caseau97 (0.70) | LudwigKRBMS14 (0.69) | ChuGNSW13 (0.69) | KovacsV04 (0.69) | AngelsmarkJ00 (0.69) |
| Madi-WambaLOBM17 R&C | GayHS15 (0.88) | DerrienPZ14 (0.89) | GayHS15a (0.90) | OuelletQ13 (0.91) | LetortCB15 (0.91) |
| Euclid | ChuGNSW13 (0.27) | KovacsV04 (0.28) | Bartak02a (0.28) | MurphyMB15 (0.29) | BoothNB16 (0.29) |
| Dot | Beck99 (119.00) | Lombardi10 (118.00) | Baptiste02 (117.00) | Malapert11 (115.00) | Dejemeppe16 (114.00) |
| Cosine | ChuGNSW13 (0.77) | KovacsV04 (0.76) | Bartak02a (0.76) | TrojetHL11 (0.74) | MurphyMB15 (0.73) |
| MagataoAN05 R&C | FelizariAL09 (0.00) | MouraSCL08a (0.77) | HookerY02 (0.89) | LopesCSM10 (0.92) | MouraSCL08 (0.94) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Maillard15 R&C | | | | | |
| Euclid | CestaOS98 (0.16) | Caballero23 (0.17) | KovacsEKV05 (0.17) | AngelsmarkJ00 (0.19) | WuBB05 (0.19) |
| Dot | LaborieRSV18 (44.00) | Godet21a (41.00) | ZarandiASC20 (38.00) | Astrand21 (37.00) | Pralet17 (36.00) |
| Cosine | CestaOS98 (0.70) | Caballero23 (0.68) | KovacsEKV05 (0.66) | BonfiettiM12 (0.66) | DoomsH08 (0.62) |
| MakMS10 R&C | | | | | |
| Euclid | Limtanyakul07 (0.23) | Sadykov04 (0.25) | LauLN08 (0.26) | VanczaM01 (0.27) | Alaka21 (0.27) |
| Dot | ZarandiASC20 (97.00) | Beck99 (95.00) | Astrand21 (94.00) | Groleaz21 (90.00) | BeckDDF98 (90.00) |
| Cosine | Limtanyakul07 (0.75) | ZeballosH05 (0.75) | KhayatLR06 (0.74) | NovasH14 (0.74) | LiuW11 (0.73) |
| Malapert11 R&C | | | | | |
| Euclid | Fahimi16 (0.56) | MalapertCGJLR12 (0.58) | GrimesH15 (0.59) | FahimiOQ18 (0.60) | GokgurHO18 (0.60) |
| Dot | Dejemeppe16 (307.00) | Baptiste02 (297.00) | Groleaz21 (292.00) | Fahimi16 (280.00) | ZarandiASC20 (278.00) |
| Cosine | Fahimi16 (0.73) | MalapertCGJLR12 (0.69) | GrimesH15 (0.68) | Baptiste02 (0.67) | Schutt11 (0.67) |
| MalapertCGJLR12 R&C | MejiaY20 (0.77) | GrimesHM09 (0.78) | AbreuAPNM21 (0.83) | JussienL02 (0.86) | MonetteDD07 (0.88) |
| Euclid | MalapertCGJLR13 (0.29) | GrimesHM09 (0.32) | TanSD10 (0.34) | GrimesH10 (0.34) | MonetteDD07 (0.34) |
| Dot | Groleaz21 (202.00) | Malapert11 (199.00) | ZarandiASC20 (178.00) | Dejemeppe16 (178.00) | GrimesH15 (176.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | MalapertCGJLR13 (0.84) | GrimesHM09 (0.80) | GrimesH10 (0.78) | GrimesH15 (0.77) | TanSD10 (0.77) |
| MalapertCGJLR13 R&C | | | | | |
| Euclid | KovacsV04 (0.25) | HeipckeCCS00 (0.26) | Caseau97 (0.26) | ChuGNSW13 (0.27) | Bartak02a (0.27) |
| Dot | Groleaz21 (130.00) | Malapert11 (128.00) | ZarandiASC20 (125.00) | Baptiste02 (122.00) | Godet21a (116.00) |
| Cosine | MalapertCGJLR12 (0.84) | BartakSR08 (0.81) | GrimesHM09 (0.80) | GrimesH10 (0.79) | KovacsV04 (0.78) |
| MalapertGR12 R&C | KoschB14 (0.82) | TangB20 (0.86) | LacknerMMWW23 (0.89) | HamFC17 (0.92) | ZeballosNH11 (0.96) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| MalapertN19 R&C | NattafDYW19 (0.75) | NattafM20 (0.92) | TangB20 (0.95) | GokgurHO18 (0.98) | EmdeZD22 (0.98) |
| Euclid | NattafM20 (0.23) | Ham18a (0.33) | NattafDYW19 (0.34) | ArbaouiY18 (0.36) | GedikKEK18 (0.36) |
| Dot | Groleaz21 (153.00) | NaderiRR23 (152.00) | YunusogluY22 (135.00) | ZarandiASC20 (135.00) | Lunardi20 (134.00) |
| Cosine | NattafM20 (0.89) | Ham18a (0.76) | NattafDYW19 (0.76) | GedikKEK18 (0.74) | ArbaouiY18 (0.71) |
| Malik08 R&C | | | | | |
| Euclid | MalikMB08 (0.25) | BegB13 (0.25) | KuchcinskiW03 (0.29) | OddiPCC03 (0.30) | ErtlK91 (0.30) |
| Dot | Dejemeppe16 (121.00) | Lombardi10 (117.00) | Fahimi16 (113.00) | Caballero19 (112.00) | Groleaz21 (111.00) |
| Cosine | MalikMB08 (0.81) | BegB13 (0.81) | OddiPCC03 (0.71) | KuchcinskiW03 (0.71) | BonfiettiLBM14 (0.70) |
| MalikMB08 R&C | BegB13 (0.88) | ErtlK91 (0.89) | KovacsV04 (0.89) | Davenport10 (0.90) | LimtanyakulS12 (0.91) |
| Euclid | BegB13 (0.19) | KuchcinskiW03 (0.21) | ErtlK91 (0.22) | LozanoCDS12 (0.23) | Malik08 (0.25) |
| Dot | Malik08 (72.00) | Caballero19 (71.00) | Dejemeppe16 (69.00) | Kuchcinski03 (69.00) | Siala15a (66.00) |
| Cosine | BegB13 (0.83) | Malik08 (0.81) | KuchcinskiW03 (0.77) | ErtlK91 (0.75) | LozanoCDS12 (0.73) |
| MaraveliasCG04 R&C | RoePS05 (0.68) | HarjunkoskiG02 (0.77) | MaraveliasG04 (0.77) | JainG01 (0.84) | ZeballosNH11 (0.85) |
| Euclid | GilesH16 (0.28) | AstrandJZ18 (0.30) | ZibranR11a (0.30) | QuirogaZH05 (0.30) | KrogtLPHJ07 (0.30) |
| Dot | Dejemeppe16 (113.00) | Malapert11 (111.00) | ZarandiASC20 (110.00) | Astrand21 (110.00) | HarjunkoskiMBC14 (110.00) |
| Cosine | QuirogaZH05 (0.74) | ZeballosNH11 (0.74) | GilesH16 (0.74) | AstrandJZ18 (0.72) | NovaraNH16 (0.71) |
| MaraveliasG04 R&C | MaraveliasCG04 (0.77) | HamdiL13 (0.81) | CobanH10 (0.83) | ChuX05 (0.86) | CireCH13 (0.86) |
| Euclid | Baptiste09 (0.13) | KameugneF13 (0.13) | Layfield02 (0.14) | AbrilSB05 (0.14) | CarchraeBF05 (0.16) |
| Dot | Layfield02 (6.00) | ZeballosNH11 (4.00) | BeldiceanuC94 (4.00) | KorbaaYG99 (2.00) | Froger16 (2.00) |
| Cosine | Layfield02 (0.65) | BeldiceanuC94 (0.17) | ZeballosNH11 (0.16) | LudwigKRBMS14 (0.15) | KorbaaYG99 (0.10) |
| MarliereSPR23 R&C | CappartS17 (0.96) | Laborie18a (0.98) | ColT2019a (0.98) | ColT19 (0.98) | VlkHT21 (0.98) |
| Euclid | CappartS17 (0.35) | Rodriguez07b (0.35) | Rodriguez07 (0.36) | RodriguezS09 (0.36) | NishikawaSTT19 (0.38) |
| Dot | ZarandiASC20 (144.00) | Lombardi10 (133.00) | Lemos21 (131.00) | LaborieRSV18 (130.00) | Astrand21 (127.00) |
| Cosine | CappartS17 (0.71) | Rodriguez07b (0.70) | Rodriguez07 (0.70) | RodriguezS09 (0.69) | NishikawaSTT19 (0.65) |
| MartinPY01 R&C | RussellU06 (0.97) | NovasH14 (0.98) | HenzMT04 (0.98) | GoelSHFS15 (0.98) | ArtiguesF07 (0.98) |
| Euclid | Touraivane95 (0.27) | PesantGPR99 (0.27) | FalaschiGMP97 (0.27) | Acuna-AgostMFG09 (0.29) | JelinekB16 (0.30) |
| Dot | ZarandiASC20 (85.00) | Wallace96 (79.00) | Simonis99 (77.00) | Lemos21 (77.00) | Baptiste02 (77.00) |
| Cosine | Touraivane95 (0.69) | PesantGPR99 (0.68) | LammaMM97 (0.67) | FalaschiGMP97 (0.66) | Wallace96 (0.64) |
| MartnezAJ22 R&C | ElciOH22 (0.54) | NaderiR22 (0.73) | RoshanaeiN21 (0.80) | RoshanaeiBAUB20 (0.82) | FachiniA20 (0.84) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Mason01 R&C | EdisO11a (0.98) | | | | |
| Euclid | ZibranR11 (0.30) | Acuna-AgostMFG09 (0.31) | ChapadosJR11 (0.31) | HebrardALLCMR22 (0.31) | Gronkvist06 (0.31) |
| Dot | ZarandiASC20 (74.00) | MilanoW09 (68.00) | MilanoW06 (68.00) | QinDS16 (63.00) | BourreauGGLT22 (63.00) |
| Cosine | Gronkvist06 (0.64) | BourreauGGLT22 (0.58) | ZibranR11 (0.56) | HachemiGR11 (0.55) | EreminW01 (0.55) |
| Mehdizadeh-Somarin23 R&C | | | | | |
| Euclid | JuvinHL23 (0.30) | BillautHL12 (0.30) | TanT18 (0.33) | WatsonB08 (0.34) | LiFJZLL22 (0.34) |
| Dot | ZarandiASC20 (154.00) | Groleaz21 (153.00) | Lunardi20 (143.00) | Astrand21 (136.00) | Baptiste02 (125.00) |
| Cosine | JuvinHL23 (0.74) | BillautHL12 (0.74) | TerekhovTDB14 (0.73) | TanT18 (0.72) | ZhangW18 (0.71) |
| MejiaY20 R&C | MalapertCGJLR12 (0.77) | AbreuAPNM21 (0.77) | AbreuN22 (0.79) | AbreuNP23 (0.85) | JussienL02 (0.91) |
| Euclid | AbreuAPNM21 (0.34) | AbreuPNF23 (0.38) | AbreuNP23 (0.38) | AbreuN22 (0.38) | AfsarVPG23 (0.41) |
| Dot | ZarandiASC20 (204.00) | Lunardi20 (190.00) | Groleaz21 (188.00) | IsikYA23 (174.00) | AbreuN22 (174.00) |
| Cosine | AbreuAPNM21 (0.80) | AbreuN22 (0.78) | AbreuPNF23 (0.78) | AbreuNP23 (0.78) | MengZRZL20 (0.74) |
| MelgarejoLS15 R&C | BartoliniBBLM14 (0.95) | MusliuSS18 (0.95) | GilesH16 (0.96) | KoehlerBFFHPSSS21 (0.97) | BartakSR08 (0.97) |
| Euclid | GedikKBR17 (0.30) | LipovetzkyBPS14 (0.31) | Rit86 (0.31) | BandaSC11 (0.32) | BofillCGGPSV23 (0.32) |
| Dot | Groleaz21 (105.00) | Lunardi20 (102.00) | Astrand21 (99.00) | LaborieRSV18 (98.00) | Malapert11 (97.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GedikKBR17 (0.68) | LipovetzkyBPS14 (0.65) | LaborieR14 (0.65) | HeipckeCCS00 (0.64) | GeibingerMM21 (0.64) |
| Menana11 R&C | | | | | |
| Euclid | abs-1902-01193 (0.34) | BenoistGR02 (0.38) | BofillGSV15 (0.38) | ErkingerM17 (0.38) | LiuLH19 (0.39) |
| Dot | Malapert11 (109.00) | Dejemeppe16 (106.00) | Siala15a (103.00) | ZarandiASC20 (102.00) | Godet21a (101.00) |
| Cosine | abs-1902-01193 (0.65) | Derrien15 (0.54) | ErkingerM17 (0.53) | German18 (0.53) | LiuLH19 (0.53) |
| MenciaSV12 R&C | MenciaSV13 (0.63) | ColT2019a (0.84) | WatsonB08 (0.86) | BeckFW11 (0.87) | DomdorfPH03 (0.88) |
| Euclid | MenciaSV13 (0.20) | SourdN00 (0.29) | TanSD10 (0.30) | ArtiguesF07 (0.30) | ArtiguesBF04 (0.32) |
| Dot | Baptiste02 (174.00) | ZarandiASC20 (171.00) | Groleaz21 (164.00) | Dejemeppe16 (158.00) | Malapert11 (151.00) |
| Cosine | MenciaSV13 (0.91) | SourdN00 (0.82) | ArtiguesF07 (0.80) | TanSD10 (0.79) | NuijtenP98 (0.78) |
| MenciaSV13 R&C | MenciaSV12 (0.63) | BeckFW11 (0.85) | WatsonB08 (0.87) | GrimesHM09 (0.89) | DomdorfPH03 (0.91) |
| Euclid | MenciaSV12 (0.20) | TanSD10 (0.27) | SourdN00 (0.28) | ArtiguesBF04 (0.29) | ArtiguesF07 (0.29) |
| Dot | Baptiste02 (161.00) | ZarandiASC20 (154.00) | Dejemeppe16 (150.00) | Groleaz21 (148.00) | Malapert11 (145.00) |
| Cosine | MenciaSV12 (0.91) | SourdN00 (0.82) | TanSD10 (0.80) | ArtiguesBF04 (0.79) | ArtiguesF07 (0.79) |
| MengGRZSC22 R&C | MengZRZL20 (0.72) | MengLZB21 (0.90) | OujanaAYB22 (0.91) | YunusogluY22 (0.94) | AbreuN22 (0.95) |
| Euclid | MengZRZL20 (0.33) | ZhangJZL22 (0.35) | HamPK21 (0.36) | LiFJZLL22 (0.36) | Novas19 (0.37) |
| Dot | ZarandiASC20 (184.00) | MengZRZL20 (183.00) | IsikYA23 (172.00) | NaderiRR23 (168.00) | Lunardi20 (165.00) |
| Cosine | MengZRZL20 (0.83) | HamPK21 (0.77) | Novas19 (0.76) | ZhangJZL22 (0.75) | MengLZB21 (0.74) |
| MengLZB21 R&C | NaderiRR23 (0.81) | SacramentoSP20 (0.83) | MengZRZL20 (0.84) | HamPK21 (0.85) | GhandehariK22 (0.88) |
| Euclid | MengZRZL20 (0.34) | ZhangJZL22 (0.36) | Novas19 (0.37) | MengGRZSC22 (0.39) | HamC16 (0.41) |
| Dot | ZarandiASC20 (193.00) | MengZRZL20 (189.00) | IsikYA23 (187.00) | Lunardi20 (177.00) | Groleaz21 (176.00) |
| Cosine | MengZRZL20 (0.83) | Novas19 (0.77) | IsikYA23 (0.75) | ZhangJZL22 (0.75) | MengGRZSC22 (0.74) |
| MengZRZL20 R&C | MengGRZSC22 (0.72) | MengLZB21 (0.84) | GedikKEK18 (0.87) | LunardiBLRV20 (0.89) | HamPK21 (0.89) |
| Euclid | MengGRZSC22 (0.33) | MengLZB21 (0.34) | Novas19 (0.37) | HamPK21 (0.38) | IsikYA23 (0.38) |
| Dot | ZarandiASC20 (241.00) | IsikYA23 (225.00) | Lunardi20 (223.00) | Groleaz21 (223.00) | NaderiRR23 (216.00) |
| Cosine | MengGRZSC22 (0.83) | MengLZB21 (0.83) | IsikYA23 (0.82) | Novas19 (0.80) | HamPK21 (0.78) |
| Mercier-AubinGQ20 R&C | DerrienPZ14 (0.80) | LombardiM09 (0.89) | SzerediS16 (0.93) | Laborie09 (0.93) | GrimesH11 (0.94) |
| Euclid | Hooker06 (0.34) | Hooker05a (0.35) | MonetteDH09 (0.35) | PengLC14 (0.38) | KovacsV06 (0.38) |
| Dot | Dejemeppe16 (172.00) | Groleaz21 (164.00) | Lombardi10 (161.00) | Baptiste02 (156.00) | ZarandiASC20 (150.00) |
| Cosine | MonetteDH09 (0.73) | Hooker06 (0.73) | LombardiM12 (0.72) | Hooker05a (0.72) | KelbelH11 (0.70) |
| MercierH07 R&C | MercierH08 (0.72) | VilimBC04 (0.78) | Puget95 (0.80) | Vilim05 (0.81) | SchuttWS05 (0.83) |
| Euclid | MercierH08 (0.32) | VilimBC05 (0.32) | VilimBC04 (0.32) | TorresL00 (0.33) | Zhou96 (0.33) |
| Dot | Baptiste02 (170.00) | Lombardi10 (162.00) | Fahimi16 (158.00) | Beck99 (154.00) | Schutt11 (152.00) |
| Cosine | MercierH08 (0.77) | VilimBC05 (0.76) | TorresL00 (0.76) | VilimBC04 (0.75) | Zhou97 (0.74) |
| MercierH08 R&C | Vilim09 (0.68) | MercierH07 (0.72) | SchuttW10 (0.72) | SchuttWS05 (0.76) | KameugneFSN14 (0.76) |
| Euclid | SchuttWS05 (0.24) | BeldiceanuP07 (0.24) | Caseau97 (0.26) | PoderB08 (0.26) | Kameugne15 (0.27) |
| Dot | Lombardi10 (95.00) | Baptiste02 (95.00) | MercierH07 (92.00) | Dejemeppe16 (88.00) | BartakSR10 (88.00) |
| Cosine | SchuttWS05 (0.78) | MercierH07 (0.77) | BeldiceanuP07 (0.74) | KameugneFSN14 (0.72) | Caseau97 (0.70) |
| MeskensDHG11 R&C | | | | | |
| Euclid | WangMD15 (0.23) | GurPAE23 (0.27) | GurEA19 (0.28) | DoulabiRP16 (0.30) | BourdaisGP03 (0.31) |
| Dot | WangMD15 (104.00) | YounespourAKE19 (95.00) | ZarandiASC20 (95.00) | FarsiTM22 (85.00) | GurPAE23 (84.00) |
| Cosine | WangMD15 (0.85) | GurPAE23 (0.76) | GurEA19 (0.74) | YounespourAKE19 (0.74) | DoulabiRP16 (0.69) |
| MeskensDL13 R&C | WangMD15 (0.63) | ZhaoL14 (0.73) | RoshanaeiLAU17a (0.81) | RoshanaeiLAU17 (0.81) | DoulabiRP16 (0.85) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| MeyerE04 R&C | ThiruvadyBME09 (0.80) | KamarainenS02 (0.90) | Wallace06 (0.93) | ThiruvadyWGS14 (0.94) | Simonis99 (0.94) |
| Euclid | ThiruvadyBME09 (0.27) | CarlssonKA99 (0.33) | JuvinHL23 (0.34) | PesantGPR99 (0.34) | YuraszeckMC23 (0.34) |
| Dot | ZarandiASC20 (141.00) | Groleaz21 (137.00) | Lunardi20 (130.00) | Malapert11 (123.00) | IsikYA23 (122.00) |
| Cosine | ThiruvadyBME09 (0.78) | GedikKEK18 (0.69) | LiFJZLL22 (0.67) | AfsarVPG23 (0.67) | JuvinHL23 (0.67) |
| Milano11 R&C | MilanoW06 (0.84) | MilanoW09 (0.85) | ChuX05 (0.90) | Wallace06 (0.90) | EreminW01 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| MilanoORT02 R&C | Simonis99 (0.85) | HookerY02 (0.86) | Hooker05b (0.86) | Refalo00 (0.87) | MonetteDD07 (0.88) |
| Euclid | | | | | |
| Dot | | | | | |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | | | | | |
| MilanoW06 R&C | MilanoW09 (0.61) | Milano11 (0.84) | Wallace06 (0.88) | ChuX05 (0.88) | Gronkvist06 (0.90) |
| Euclid | MilanoW09 (0.14) | JainG01 (0.40) | Hooker19 (0.41) | Hooker06 (0.42) | Hooker05a (0.42) |
| Dot | MilanoW09 (217.00) | ZarandiASC20 (179.00) | Dejemeppe16 (177.00) | Groleaz21 (174.00) | Lombardi10 (169.00) |
| Cosine | MilanoW09 (0.97) | Hooker19 (0.71) | JainG01 (0.70) | QinDS16 (0.67) | Hooker06 (0.67) |
| MilanoW09 R&C | MilanoW06 (0.61) | AchterbergBKW08 (0.81) | GuyonLPR12 (0.84) | Milano11 (0.85) | Wallace06 (0.90) |
| Euclid | MilanoW06 (0.14) | Hooker19 (0.43) | Hooker06 (0.44) | JainG01 (0.44) | HeinzKB13 (0.44) |
| Dot | MilanoW06 (217.00) | Dejemeppe16 (178.00) | ZarandiASC20 (176.00) | Groleaz21 (174.00) | Lombardi10 (172.00) |
| Cosine | MilanoW06 (0.97) | Hooker19 (0.69) | HookerH17 (0.67) | QinDS16 (0.66) | Hooker06 (0.65) |
| MintonJPL90 R&C | | | | | |
| Euclid | MintonJPL92 (0.20) | FeldmanG89 (0.29) | FukunagaHFAMN02 (0.30) | LudwigKRBMS14 (0.30) | AngelsmarkJ00 (0.30) |
| Dot | ZarandiASC20 (93.00) | MintonJPL92 (82.00) | Beck99 (82.00) | Lombardi10 (80.00) | Astrand21 (78.00) |
| Cosine | MintonJPL92 (0.86) | Prosser89 (0.62) | EskeyZ90 (0.62) | Salido10 (0.61) | ReddyFIBKAJ11 (0.60) |
| MintonJPL92 R&C | SadehF96 (0.89) | SmithBHW96 (0.94) | NuijtenA96 (0.94) | BartakSR08 (0.94) | Darby-DowmanLMZ97 (0.94) |
| Euclid | MintonJPL90 (0.20) | Prosser89 (0.27) | FukunagaHFAMN02 (0.28) | KengY89 (0.28) | Salido10 (0.30) |
| Dot | ZarandiASC20 (105.00) | Beck99 (98.00) | Lombardi10 (97.00) | Groleaz21 (95.00) | Astrand21 (94.00) |
| Cosine | MintonJPL90 (0.86) | Prosser89 (0.72) | KengY89 (0.69) | Salido10 (0.68) | FukunagaHFAMN02 (0.68) |
| MoffittPP05 R&C | | | | | |
| Euclid | Valdes87 (0.20) | FeldmanG89 (0.20) | LiuJ06 (0.21) | Davis87 (0.21) | FrostD98 (0.22) |
| Dot | Siala15a (57.00) | Godet21a (56.00) | Malapert11 (56.00) | Baptiste02 (56.00) | PapaB98 (51.00) |
| Cosine | OddiRC10 (0.62) | BartakCS10 (0.61) | Bartak02 (0.60) | FeldmanG89 (0.60) | Valdes87 (0.59) |
| MokhtarzadehTNF20 R&C | RabbaniMM21 (0.93) | HamP21 (0.93) | PinarbasiA20 (0.94) | YunusogluY22 (0.94) | Edis21 (0.95) |
| Euclid | WessenCS20 (0.28) | BehrensLM19 (0.30) | abs-1901-07914 (0.31) | NishikawaSTT19 (0.33) | NishikawaSTT18 (0.33) |
| Dot | ZarandiASC20 (139.00) | Astrand21 (127.00) | IsikYA23 (126.00) | Lunardi20 (125.00) | PrataAN23 (118.00) |
| Cosine | WessenCS20 (0.76) | BehrensLM19 (0.72) | Fatemi-AnarakiTFV23 (0.72) | abs-1901-07914 (0.71) | HeinzNVH22 (0.71) |
| MonetteDD07 R&C | ArtiouchineB05 (0.74) | Vilim05 (0.80) | Wolf05 (0.80) | SourdN00 (0.81) | DorndorfHP99 (0.81) |
| Euclid | Wolf03 (0.24) | Wolf05 (0.27) | TanSD10 (0.29) | MalapertCGJLR13 (0.30) | Vilim05 (0.30) |
| Dot | Fahimi16 (144.00) | Baptiste02 (143.00) | Schutt11 (137.00) | Dejemeppe16 (136.00) | Malapert11 (136.00) |
| Cosine | Wolf03 (0.86) | Wolf05 (0.81) | FahimiOQ18 (0.78) | TanSD10 (0.76) | MalapertCGJLR12 (0.76) |
| MonetteDH09 R&C | ZhangLS12 (0.90) | KelbelH11 (0.90) | QuirogaZH05 (0.91) | Geske05 (0.91) | SchausHMCMD11 (0.91) |
| Euclid | HeipckeCCS00 (0.28) | HentenryckM04 (0.28) | BeckPS03 (0.28) | PacinoH11 (0.29) | LaborieR14 (0.29) |
| Dot | Dejemeppe16 (166.00) | Groleaz21 (157.00) | Baptiste02 (152.00) | ZarandiASC20 (148.00) | Lombardi10 (148.00) |
| Cosine | KelbelH11 (0.81) | BeckPS03 (0.81) | HeipckeCCS00 (0.80) | HentenryckM04 (0.80) | LaborieR14 (0.80) |
| MontemanniD23 R&C | MontemanniD23a (0.63) | Ham18 (0.97) | CauwelaertLS18 (0.98) | BalochG20 (0.98) | |
| Euclid | MontemanniD23a (0.19) | GomesHS06 (0.26) | BarzegaranZP20 (0.27) | QuSN06 (0.27) | AkramNHRSA23 (0.27) |
| Dot | Groleaz21 (71.00) | abs-2402-00459 (69.00) | Lunardi20 (69.00) | ZarandiASC20 (68.00) | FachiniA20 (64.00) |
| Cosine | MontemanniD23a (0.82) | BarzegaranZP20 (0.65) | AkramNHRSA23 (0.64) | FachiniA20 (0.63) | QuSN06 (0.61) |
| MontemanniD23a R&C | MontemanniD23 (0.63) | Ham18 (0.96) | CauwelaertLS18 (0.98) | BalochG20 (0.98) | |
| Euclid | MontemanniD23 (0.19) | BarzegaranZP20 (0.26) | ZibranR11 (0.27) | AkramNHRSA23 (0.28) | GomesHS06 (0.28) |
| Dot | Groleaz21 (72.00) | Froger16 (65.00) | Schutt11 (64.00) | Astrand21 (63.00) | Lunardi20 (63.00) |
| Cosine | MontemanniD23 (0.82) | BarzegaranZP20 (0.67) | AkramNHRSA23 (0.62) | Rodriguez07 (0.60) | ZibranR11 (0.59) |
| MorgadoM97 R&C | | | | | |
| Euclid | WallaceF00 (0.29) | CrawfordB94 (0.29) | BridiLBBM16 (0.29) | LuoVLBM16 (0.29) | LouieVNB14 (0.30) |
| Dot | ZarandiASC20 (105.00) | LaborieRSV18 (91.00) | Beck99 (90.00) | Astrand21 (85.00) | Godet21a (85.00) |
| Cosine | CappartS17 (0.72) | Pape94 (0.69) | BeckPS03 (0.69) | Rodriguez07 (0.68) | BridiLBBM16 (0.66) |
| MossigeGSMC17 R&C | SzerediS16 (0.83) | AmadiniGM16 (0.88) | SchuttFSW15 (0.90) | BeldiceanuC02 (0.90) | BeldiceanuCDP11 (0.90) |
| Euclid | HeipckeCCS00 (0.33) | KovacsV06 (0.34) | TrojetHL11 (0.36) | SchuttFS13 (0.36) | VilimLS15 (0.36) |
| Dot | Dejemeppe16 (171.00) | ZarandiASC20 (164.00) | Schutt11 (162.00) | Godet21a (161.00) | Groleaz21 (157.00) |
| Cosine | HeipckeCCS00 (0.75) | VilimLS15 (0.74) | KovacsV06 (0.74) | SchuttFS13 (0.73) | TrojetHL11 (0.73) |
| MouraSCL08 R&C | LopesCSM10 (0.52) | MouraSCL08a (0.60) | FelizariAL09 (0.94) | MagataoAN05 (0.94) | Henz01 (0.95) |
| Euclid | LopesCSM10 (0.24) | Muscettola02 (0.25) | BeniniBGM05a (0.26) | WallaceF00 (0.26) | MouraSCL08a (0.26) |
| Dot | LopesCSM10 (87.00) | Lombardi10 (86.00) | Malapert11 (79.00) | ZarandiASC20 (78.00) | Astrand21 (77.00) |
| Cosine | LopesCSM10 (0.83) | MouraSCL08a (0.72) | Muscettola02 (0.70) | BofillCSV17a (0.70) | BeniniBGM05a (0.68) |
| MouraSCL08a R&C | LopesCSM10 (0.60) | MouraSCL08 (0.60) | FelizariAL09 (0.77) | MagataoAN05 (0.77) | Henz01 (0.96) |
| Euclid | MouraSCL08 (0.26) | LopesCSM10 (0.26) | PesantGPR99 (0.28) | ZibranR11 (0.29) | BeniniBGM05a (0.30) |
| Dot | Beck99 (92.00) | HarjunkoskiMBC14 (90.00) | Lombardi10 (87.00) | LopesCSM10 (85.00) | Astrand21 (85.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | LopesCSM10 (0.80) | MouraSCL08 (0.72) | PesantGPR99 (0.64) | GilesH16 (0.62) | BourreauGGLT22 (0.61) |
| MullerMKP22 R&C | JuvinHL22 (0.91) | JuvinHL23a (0.92) | DomdorfPH03 (0.92) | DorndorfPH99 (0.92) | NaderiR22 (0.93) |
| Euclid | IklassovMR023 (0.40) | HamP21 (0.41) | abs-2211-14492 (0.41) | Teppan22 (0.42) | KotaryFH22 (0.42) |
| Dot | ZarandiASC20 (185.00) | Groleaz21 (183.00) | Lunardi20 (170.00) | Dejemeppe16 (161.00) | ColT22 (160.00) |
| Cosine | abs-2211-14492 (0.72) | IklassovMR023 (0.70) | HamP21 (0.69) | TasselGS23 (0.67) | abs-2306-05747 (0.67) |
| MurinR19 R&C | HeinzNVH22 (0.81) | CauwelaertDS20 (0.86) | ThomasKS20 (0.87) | CauwelaertDMS16 (0.88) | CappartTSR18 (0.89) |
| Euclid | NovasH14 (0.30) | KhayatLR06 (0.31) | CauwelaertDMS16 (0.32) | DavenportKRSH07 (0.32) | Ham20a (0.33) |
| Dot | Lunardi20 (150.00) | LaborieRSV18 (149.00) | Astrand21 (139.00) | Groleaz21 (134.00) | ZarandiASC20 (132.00) |
| Cosine | NovasH14 (0.78) | KhayatLR06 (0.76) | CzerniachowskaWZ23 (0.75) | LunardiBLRV20 (0.74) | CauwelaertDMS16 (0.74) |
| MurphyMB15 R&C | CarlierPSJ20 (0.93) | DorndorfHP99 (0.95) | LimHTB16 (0.95) | Simonis95 (0.96) | Geske05 (0.96) |
| Euclid | BockmayrP06 (0.22) | Davis87 (0.23) | WolfS05 (0.23) | FukunagaHFAMN02 (0.23) | PoderB08 (0.24) |
| Dot | Lombardi10 (87.00) | Fahimi16 (81.00) | Dejemeppe16 (79.00) | Malapert11 (78.00) | Astrand21 (77.00) |
| Cosine | BockmayrP06 (0.77) | Madi-WambaLOBM17 (0.73) | WolfS05 (0.73) | BoothNB16 (0.73) | AstrandJZ18 (0.71) |
| MurphyRFSS97 R&C | | | | | |
| Euclid | FukunagaHFAMN02 (0.23) | AngelsmarkJ00 (0.24) | LudwigKRBMS14 (0.24) | WallaceF00 (0.24) | LiuJ06 (0.24) |
| Dot | ZarandiASC20 (68.00) | Beck99 (63.00) | Astrand21 (62.00) | LuZZYW24 (60.00) | Novas19 (57.00) |
| Cosine | BarbulescuWH04 (0.67) | LudwigKRBMS14 (0.64) | FukunagaHFAMN02 (0.64) | GilesH16 (0.63) | BrusoniCLMMT96 (0.62) |
| MurthyRAW97 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Muscettola02 R&C | Kumar03 (0.89) | Laborie03 (0.90) | LombardiM09 (0.90) | CestaOPS14 (0.90) | PraletLJ15 (0.92) |
| Euclid | LombardiM13 (0.21) | WallaceF00 (0.22) | Muscettola94 (0.23) | BonfiettiM12 (0.23) | LeeKLKKYHP97 (0.23) |
| Dot | Laborie03 (67.00) | Siala15a (66.00) | Malapert11 (66.00) | ZarandiASC20 (63.00) | OddiRCS11 (63.00) |
| Cosine | Muscettola94 (0.78) | LombardiM13 (0.74) | KeriK07 (0.72) | Vilim04 (0.71) | MouraSCL08 (0.70) |
| Muscettola94 R&C | | | | | |
| Euclid | OddiS97 (0.20) | Muscettola02 (0.23) | BidotVLB07 (0.25) | Junker00 (0.26) | SmithC93 (0.26) |
| Dot | ZarandiASC20 (97.00) | Astrand21 (97.00) | Dejemeppe16 (96.00) | Lombardi10 (92.00) | Groleaz21 (91.00) |
| Cosine | OddiS97 (0.84) | SadehF96 (0.78) | Muscettola02 (0.78) | BidotVLB07 (0.75) | CestaOS00 (0.74) |
| Musliu05 R&C | | | | | |
| Euclid | Baptiste09 (0.19) | CarchraeBF05 (0.19) | Tsang03 (0.20) | KovacsEKV05 (0.20) | AngelsmarkJ00 (0.20) |
| Dot | MusliuSS18 (30.00) | JainM99 (28.00) | WinterMMW22 (27.00) | Wallace06 (27.00) | Astrand21 (27.00) |
| Cosine | ErkingerM17 (0.58) | MusliuSS18 (0.54) | Tsang03 (0.51) | BartakCS10 (0.47) | KletzanderM20 (0.46) |
| MusliuSS18 R&C | ErkingerM17 (0.82) | GokGSTO20 (0.86) | FrohnerTR19 (0.90) | GeibingerMM19 (0.90) | HoYCLLCLC18 (0.95) |
| Euclid | ErkingerM17 (0.29) | PesantRR15 (0.31) | ZibranR11 (0.33) | ChapadosJR11 (0.33) | JungblutK22 (0.33) |
| Dot | Dejemeppe16 (82.00) | Siala15a (80.00) | Godet21a (77.00) | Caballero19 (76.00) | abs-1911-04766 (74.00) |
| Cosine | ErkingerM17 (0.68) | AstrandJZ18 (0.60) | PesantRR15 (0.60) | BorghesiBLMB18 (0.59) | BourdaisGP03 (0.57) |
| NaderiBZ22 R&C | NaderiRR23 (0.86) | NaderiBZ22a (0.92) | NaderiRBAU21 (0.92) | NaderiBZR23 (0.94) | RoshanaeiN21 (0.94) |
| Euclid | NaderiBZ23 (0.09) | RoshanaeiN21 (0.33) | ElciOH22 (0.35) | HamdiL13 (0.36) | TanZWGQ19 (0.38) |
| Dot | NaderiBZ23 (189.00) | NaderiRR23 (185.00) | Groleaz21 (182.00) | ZarandiASC20 (174.00) | Lunardi20 (169.00) |
| Cosine | NaderiBZ23 (0.99) | RoshanaeiN21 (0.79) | NaderiRR23 (0.76) | ElciOH22 (0.74) | HamdiL13 (0.72) |
| NaderiBZ22a R&C | ZhangYW21 (0.79) | CilKLO22 (0.85) | ShiYXQ22 (0.85) | PohlAK22 (0.86) | ZhuSZW23 (0.88) |
| Euclid | ZhangYW21 (0.30) | EmeretlisTAV17 (0.34) | ZhuSZW23 (0.34) | TanT18 (0.35) | JuvinHL23a (0.36) |
| Dot | ZarandiASC20 (186.00) | Groleaz21 (185.00) | NaderiRR23 (179.00) | Lunardi20 (176.00) | IsikYA23 (163.00) |
| Cosine | ZhangYW21 (0.82) | ZhuSZW23 (0.80) | JuvinHL23a (0.78) | JuvinHL22 (0.77) | EmeretlisTAV17 (0.77) |
| NaderiBZ23 R&C | NaderiRR23 (0.85) | NaderiBZ22a (0.91) | NaderiBZR23 (0.92) | NaderiRBAU21 (0.93) | RoshanaeiN21 (0.94) |
| Euclid | NaderiBZ22 (0.09) | RoshanaeiN21 (0.33) | ElciOH22 (0.37) | HamdiL13 (0.38) | RoshanaeiBAUB20 (0.39) |
| Dot | NaderiBZ22 (189.00) | NaderiRR23 (187.00) | Groleaz21 (183.00) | ZarandiASC20 (175.00) | Lunardi20 (171.00) |
| Cosine | NaderiBZ22 (0.99) | RoshanaeiN21 (0.79) | NaderiRR23 (0.75) | ElciOH22 (0.73) | RoshanaeiBAUB20 (0.71) |
| NaderiBZR23 R&C | NaderiRBAU21 (0.87) | HechingHK19 (0.88) | MartnezAJ22 (0.90) | RoshanaeiBAUB20 (0.92) | NaderiBZ23 (0.92) |
| Euclid | RoshanaeiBAUB20 (0.32) | RoshanaeiLAU17 (0.34) | HechingH16 (0.36) | RiiseML16 (0.36) | FrimodigS19 (0.38) |
| Dot | ZarandiASC20 (132.00) | RoshanaeiBAUB20 (123.00) | Groleaz21 (122.00) | NaderiBZ23 (121.00) | RoshanaeiLAU17 (120.00) |
| Cosine | RoshanaeiBAUB20 (0.78) | RoshanaeiLAU17 (0.75) | RiiseML16 (0.69) | NaderiBZ23 (0.69) | NaderiBZ22 (0.67) |
| NaderiR22 R&C | ElciOH22 (0.67) | MartnezAJ22 (0.73) | JuvinHL23a (0.84) | RoshanaeiN21 (0.85) | JuvinHL22 (0.86) |
| Euclid | | | | | |
| Dot | | | | | |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | | | | | |
| NaderiRBAU21 R&C | RoshanaeiN21 (0.64) | RoshanaeiBAUB20 (0.67) | RoshanaeiLAU17 (0.78) | RoshanaeiLAU17a (0.80) | MartnezAJ22 (0.84) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| NaderiRR23 R&C | MengLZB21 (0.81) | NaderiBZ23 (0.85) | NaderiBZ22 (0.86) | NaderiRBAU21 (0.88) | RoshanaeiN21 (0.90) |
| Euclid | NaderiBZ22 (0.45) | MengZRZL20 (0.45) | NaderiBZ23 (0.45) | GrimesH15 (0.46) | NaderiBZ22a (0.47) |
| Dot | Groleaz21 (279.00) | ZarandiASC20 (242.00) | Lunardi20 (227.00) | GrimesH15 (224.00) | Baptiste02 (222.00) |
| Cosine | MengZRZL20 (0.76) | GrimesH15 (0.76) | NaderiBZ22 (0.76) | NaderiBZ23 (0.75) | NaderiBZ22a (0.73) |
| NaqviAIAAA22 R&C | BulckG22 (0.93) | Trick11 (0.95) | Ribeiro12 (0.96) | LiuLH18 (0.97) | RasmussenT06 (0.97) |
| Euclid | RasmussenT06 (0.21) | EastonNT02 (0.21) | Trick03 (0.23) | RasmussenT09 (0.23) | Perron05 (0.24) |
| Dot | ZarandiASC20 (71.00) | RasmussenT09 (66.00) | Lemos21 (64.00) | Froger16 (64.00) | LarsonJC14 (60.00) |
| Cosine | RasmussenT09 (0.79) | RasmussenT06 (0.79) | EastonNT02 (0.77) | Trick03 (0.75) | LarsonJC14 (0.72) |
| Nattaf16 R&C | | | | | |
| Euclid | NattafAL15 (0.43) | NattafAL17 (0.43) | DemasseyAM05 (0.44) | ArbaouiY18 (0.44) | BaptistePN99 (0.44) |
| Dot | Groleaz21 (186.00) | Baptiste02 (186.00) | Malapert11 (175.00) | ZarandiASC20 (162.00) | Dejemeppe16 (157.00) |
| Cosine | Demassey03 (0.68) | GokgurHO18 (0.67) | Elkhyari03 (0.66) | Kameugne14 (0.66) | NattafAL15 (0.66) |
| NattafAL15 R&C | NattafALR16 (0.29) | NattafHKAL19 (0.67) | ArtiguesL14 (0.75) | NattafAL17 (0.77) | ArtiguesLH13 (0.85) |
| Euclid | NattafALR16 (0.10) | ArtiguesL14 (0.20) | NattafHKAL19 (0.23) | CarlierPSJ20 (0.27) | NattafAL17 (0.28) |
| Dot | NattafALR16 (121.00) | Lombardi10 (113.00) | Baptiste02 (109.00) | Nattaf16 (108.00) | Fahimi16 (108.00) |
| Cosine | NattafALR16 (0.97) | ArtiguesL14 (0.89) | NattafHKAL19 (0.84) | CarlierPSJ20 (0.77) | NattafAL17 (0.76) |
| NattafAL17 R&C | NattafALR16 (0.73) | NattafAL15 (0.77) | ArtiguesL14 (0.78) | NattafHKAL19 (0.82) | LetortCB15 (0.86) |
| Euclid | ArtiguesL14 (0.26) | Caseau97 (0.27) | NattafAL15 (0.28) | ChuGNSW13 (0.28) | WolfS05 (0.28) |
| Dot | Lombardi10 (104.00) | Baptiste02 (100.00) | Fahimi16 (99.00) | Malapert11 (95.00) | Nattaf16 (93.00) |
| Cosine | ArtiguesL14 (0.77) | NattafAL15 (0.76) | NattafALR16 (0.74) | NattafHKAL19 (0.73) | ChuGNSW13 (0.70) |
| NattafALR16 R&C | NattafAL15 (0.29) | NattafHKAL19 (0.64) | NattafAL17 (0.73) | ArtiguesL14 (0.86) | CarlierSJP21 (0.87) |
| Euclid | NattafAL15 (0.10) | ArtiguesL14 (0.22) | NattafHKAL19 (0.25) | CarlierPSJ20 (0.29) | NattafAL17 (0.30) |
| Dot | NattafAL15 (121.00) | Lombardi10 (117.00) | Baptiste02 (111.00) | Fahimi16 (110.00) | Godet21a (107.00) |
| Cosine | NattafAL15 (0.97) | ArtiguesL14 (0.86) | NattafHKAL19 (0.83) | CarlierPSJ20 (0.74) | NattafAL17 (0.74) |
| NattafDYW19 R&C | MalapertN19 (0.75) | Ham18a (0.84) | ZeballosM09 (0.91) | Zeballos10 (0.92) | QuirogaZH05 (0.93) |
| Euclid | Ham18a (0.28) | ArbaouiY18 (0.31) | NattafM20 (0.33) | WatsonB08 (0.33) | MalapertN19 (0.34) |
| Dot | ZarandiASC20 (139.00) | Groleaz21 (134.00) | Lunardi20 (129.00) | IsikYA23 (121.00) | Astrand21 (121.00) |
| Cosine | Ham18a (0.80) | MalapertN19 (0.76) | ArbaouiY18 (0.74) | GedikKEK18 (0.74) | NattafM20 (0.72) |
| NattafHKAL19 R&C | NattafALR16 (0.64) | NattafAL15 (0.67) | NattafAL17 (0.82) | CarlierPSJ20 (0.82) | CarlierSJP21 (0.82) |
| Euclid | NattafAL15 (0.23) | ArtiguesL14 (0.23) | NattafALR16 (0.25) | PoderB08 (0.28) | NattafAL17 (0.29) |
| Dot | Baptiste02 (118.00) | Lombardi10 (117.00) | Godet21a (109.00) | Groleaz21 (109.00) | ZarandiASC20 (106.00) |
| Cosine | NattafAL15 (0.84) | ArtiguesL14 (0.83) | NattafALR16 (0.83) | NattafAL17 (0.73) | PoderB08 (0.72) |
| NattafM20 R&C | MalapertN19 (0.92) | NattafDYW19 (0.96) | LombardiM10a (0.97) | YunusogluY22 (0.98) | JainM99 (0.99) |
| Euclid | MalapertN19 (0.23) | BogaerdtW19 (0.33) | NattafDYW19 (0.33) | ArbaouiY18 (0.33) | BenediktSMVH18 (0.34) |
| Dot | MalapertN19 (132.00) | NaderiRR23 (121.00) | Groleaz21 (119.00) | ZarandiASC20 (108.00) | YunusogluY22 (107.00) |
| Cosine | MalapertN19 (0.89) | NattafDYW19 (0.72) | ArbaouiY18 (0.69) | Ham18a (0.68) | GedikKEK18 (0.67) |
| NeronABCDD06 R&C | ArkhipovBL19 (0.67) | DemasseyAM05 (0.71) | LiessM08 (0.79) | GuSW12 (0.84) | DorndorfHP99 (0.87) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| NishikawaSTT18 R&C | NishikawaSTT19 (0.65) | NishikawaSTT18a (0.65) | GilesH16 (0.90) | ArtiguesLH13 (0.93) | Davenport10 (0.94) |
| Euclid | NishikawaSTT18a (0.08) | NishikawaSTT19 (0.14) | BeniniBGM05a (0.22) | BoothNB16 (0.23) | LipovetzkyBPS14 (0.24) |
| Dot | LaborieRSV18 (99.00) | Lunardi20 (95.00) | Astrand21 (89.00) | NishikawaSTT19 (88.00) | Beck99 (88.00) |
| Cosine | NishikawaSTT18a (0.98) | NishikawaSTT19 (0.93) | BeniniBGM05a (0.80) | ZouZ20 (0.80) | LipovetzkyBPS14 (0.78) |
| NishikawaSTT18a R&C | NishikawaSTT18 (0.65) | NishikawaSTT19 (0.72) | GeibingerKKMMW21 (0.93) | SerraNM12 (0.94) | BridiBLMB16 (0.94) |
| Euclid | NishikawaSTT18 (0.08) | NishikawaSTT19 (0.15) | BeniniBGM05a (0.22) | BoothNB16 (0.23) | VanczaM01 (0.24) |
| Dot | LaborieRSV18 (97.00) | Lunardi20 (96.00) | Astrand21 (93.00) | ZarandiASC20 (91.00) | Groleaz21 (89.00) |
| Cosine | NishikawaSTT18 (0.98) | NishikawaSTT19 (0.92) | BeniniBGM05a (0.80) | BoothNB16 (0.79) | ZouZ20 (0.79) |
| NishikawaSTT19 R&C | NishikawaSTT18 (0.65) | NishikawaSTT18a (0.72) | HeinzKB13 (0.92) | ArtiguesLH13 (0.94) | BridiBLMB16 (0.95) |
| Euclid | NishikawaSTT18 (0.14) | NishikawaSTT18a (0.15) | BoothNB16 (0.23) | BeniniBGM05a (0.24) | HoeveGSL07 (0.25) |
| Dot | Groleaz21 (113.00) | LaborieRSV18 (112.00) | Lombardi10 (107.00) | Astrand21 (106.00) | Beck99 (106.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | NishikawaSTT18 (0.93) | NishikawaSTT18a (0.92) | BoothNB16 (0.81) | BeniniBGM05a (0.79) | ZouZ20 (0.77) |
| NouriMHD23 R&C | Fatemi-AnarakiTFV23 (0.83) | AbreuPNF23 (0.96) | MengLZB21 (0.96) | GunerGSKD23 (0.97) | LunardiBLRV20 (0.97) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| NovaraNH16 R&C | ZeballosNH11 (0.63) | ZeballosCM10 (0.84) | HarjunkoskiMBC14 (0.90) | NovasH14 (0.91) | ZeballosQH10 (0.93) |
| Euclid | ZeballosNH11 (0.32) | Hooker05a (0.35) | Hooker06 (0.35) | NovasH10 (0.36) | Hooker07 (0.36) |
| Dot | LaborieRSV18 (169.00) | Groleaz21 (157.00) | AwadMDMT22 (155.00) | Dejemeppe16 (154.00) | Baptiste02 (150.00) |
| Cosine | ZeballosNH11 (0.80) | AwadMDMT22 (0.75) | NovasH10 (0.74) | Hooker07 (0.73) | Hooker05a (0.73) |
| Novas19 R&C | LunardiBLRV20 (0.91) | ZhangW18 (0.91) | EscobetPQPRA19 (0.94) | HamC16 (0.94) | MengZRZL20 (0.95) |
| Euclid | KhayatLR06 (0.35) | MengZRZL20 (0.37) | MengLZB21 (0.37) | OujanaAYB22 (0.37) | MengGRZSC22 (0.37) |
| Dot | ZarandiASC20 (220.00) | Groleaz21 (201.00) | Lunardi20 (200.00) | IsikYA23 (194.00) | Dejemeppe16 (189.00) |
| Cosine | MengZRZL20 (0.80) | AwadMDMT22 (0.78) | IsikYA23 (0.77) | MengLZB21 (0.77) | KhayatLR06 (0.77) |
| NovasH10 R&C | NovasH12 (0.89) | ZeballosCM10 (0.90) | ZeballosNH11 (0.91) | RoePS05 (0.92) | HarjunkoskiMBC14 (0.92) |
| Euclid | QuirogaZH05 (0.30) | ZeballosH05 (0.31) | ZeballosNH11 (0.32) | Zeballos10 (0.33) | BidotVLB07 (0.33) |
| Dot | ZarandiASC20 (167.00) | Groleaz21 (152.00) | HarjunkoskiMBC14 (142.00) | Dejemeppe16 (141.00) | Baptiste02 (139.00) |
| Cosine | ZeballosNH11 (0.78) | ZeballosH05 (0.77) | QuirogaZH05 (0.77) | Zeballos10 (0.75) | BidotVLB09 (0.75) |
| NovasH12 R&C | ZeballosCM10 (0.78) | NovasH10 (0.89) | OzturkTHO12 (0.91) | ZeballosNH11 (0.93) | ZeballosQH10 (0.94) |
| Euclid | NovasH14 (0.24) | ZeballosH05 (0.27) | ZeballosCM10 (0.27) | OzturkTHO10 (0.32) | QuirogaZH05 (0.32) |
| Dot | ZarandiASC20 (137.00) | LaborieRSV18 (128.00) | ZeballosCM10 (124.00) | Astrand21 (121.00) | Malapert11 (120.00) |
| Cosine | NovasH14 (0.85) | ZeballosCM10 (0.84) | ZeballosH05 (0.83) | Zeballos10 (0.75) | ZeballosQH10 (0.73) |
| NovasH14 R&C | ZeballosQH10 (0.71) | Zeballos10 (0.72) | KhayatLR06 (0.91) | ZarandiKS16 (0.91) | NovaraNH16 (0.91) |
| Euclid | ZeballosH05 (0.22) | NovasH12 (0.24) | KhayatLR06 (0.26) | QuirogaZH05 (0.28) | Zeballos10 (0.28) |
| Dot | ZarandiASC20 (142.00) | Lunardi20 (138.00) | Astrand21 (135.00) | Dejemeppe16 (127.00) | LaborieRSV18 (125.00) |
| Cosine | ZeballosH05 (0.87) | NovasH12 (0.85) | KhayatLR06 (0.81) | ZeballosCM10 (0.81) | ZeballosQH10 (0.80) |
| NuijtenA94 R&C | | | | | |
| Euclid | NuijtenA96 (0.08) | NuijtenP98 (0.25) | TorresL00 (0.29) | CestaOS00 (0.29) | DilkinaDH05 (0.30) |
| Dot | Baptiste02 (124.00) | ZarandiASC20 (118.00) | JuvinHHL23 (115.00) | Fahimi16 (114.00) | NuijtenP98 (113.00) |
| Cosine | NuijtenA96 (0.98) | NuijtenP98 (0.85) | TorresL00 (0.78) | SourdN00 (0.75) | MenciaSV13 (0.74) |
| NuijtenA94a R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| NuijtenA96 R&C | Rodriguez07 (0.83) | Salido10 (0.85) | Laborie03 (0.85) | DincbasSH90 (0.86) | DorndorfHP99 (0.87) |
| Euclid | NuijtenA94 (0.08) | NuijtenP98 (0.24) | TorresL00 (0.29) | TanSD10 (0.29) | CestaOS00 (0.29) |
| Dot | Baptiste02 (128.00) | ZarandiASC20 (124.00) | JuvinHHL23 (118.00) | Godet21a (118.00) | BartakSR10 (118.00) |
| Cosine | NuijtenA94 (0.98) | NuijtenP98 (0.87) | TorresL00 (0.78) | SourdN00 (0.78) | MenciaSV13 (0.76) |
| NuijtenP98 R&C | NuijtenA96 (0.93) | SourdN00 (0.94) | KamarainenS02 (0.94) | DorndorfHP99 (0.97) | Vilim04 (0.97) |
| Euclid | NuijtenA96 (0.24) | NuijtenA94 (0.25) | BartakSR08 (0.30) | SourdN00 (0.31) | MenciaSV13 (0.31) |
| Dot | Baptiste02 (174.00) | ZarandiASC20 (165.00) | Godet21a (147.00) | BartakSR10 (147.00) | Fahimi16 (146.00) |
| Cosine | NuijtenA96 (0.87) | NuijtenA94 (0.85) | BartakSR08 (0.80) | SourdN00 (0.79) | MenciaSV13 (0.78) |
| OddiPCC03 R&C | OddiPCC05 (0.72) | VerfaillieL01 (0.81) | YuraszeckMC23 (0.90) | WikarekS19 (0.94) | HamdiL13 (0.94) |
| Euclid | WallaceF00 (0.27) | ReddyFIBKAJ11 (0.27) | FukunagaHFAMN02 (0.28) | AstrandJZ18 (0.29) | KuchcinskiW03 (0.29) |
| Dot | ZarandiASC20 (104.00) | Groleaz21 (101.00) | Astrand21 (97.00) | Godet21a (94.00) | Dejemeppe16 (94.00) |
| Cosine | ReddyFIBKAJ11 (0.72) | Malik08 (0.71) | AstrandJZ18 (0.68) | OddiRCS11 (0.67) | BonfiettiLBM14 (0.67) |
| OddiPCC05 R&C | OddiPCC03 (0.72) | CestaOPS14 (0.86) | MercierH08 (0.88) | SimoninAHL12 (0.90) | AkkerDH07 (0.90) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| OddiRC10 R&C | | | | | |
| Euclid | LombardiM13 (0.16) | LombardiM12a (0.19) | BofillCSV17a (0.22) | BofillCSV17 (0.22) | BhatnagarKL19 (0.22) |
| Dot | Lombardi10 (89.00) | Godet21a (88.00) | Baptiste02 (88.00) | Schutt11 (86.00) | ZarandiASC20 (82.00) |
| Cosine | LombardiM13 (0.88) | LombardiM12a (0.86) | CestaOF99 (0.83) | BofillCSV17a (0.80) | BofillCSV17 (0.80) |
| OddiRCS11 R&C | | | | | |
| Euclid | CestaOS00 (0.30) | PacinoH11 (0.31) | HentenryckM04 (0.32) | GodardLN05 (0.32) | YuraszeckMCCR23 (0.32) |
| Dot | ZarandiASC20 (154.00) | Groleaz21 (152.00) | Malapert11 (150.00) | Godet21a (145.00) | Dejemeppe16 (145.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | YuraszeckMCCR23 (0.79) | CestaOS00 (0.77) | MalapertCGJLR12 (0.76) | PacinoH11 (0.76) | MenciaSV13 (0.76) |
| OddiS97 R&C | | | | | |
| Euclid | SmithC93 (0.18) | Muscettola94 (0.20) | BeckW05 (0.23) | BidotVLB07 (0.24) | DilkinaDH05 (0.25) |
| Dot | ZarandiASC20 (94.00) | Groleaz21 (92.00) | SadehF96 (90.00) | Astrand21 (88.00) | Dejemeppe16 (88.00) |
| Cosine | SmithC93 (0.86) | Muscettola94 (0.84) | SadehF96 (0.83) | BeckW05 (0.76) | CestaOF99 (0.76) |
| OhrimenkoSC09 R&C | SchuttFSW11 (0.81) | SchuttFSW13 (0.85) | SchuttCSW12 (0.87) | SchuttFSW09 (0.91) | KreterSS15 (0.93) |
| Euclid | ZhangLS12 (0.33) | LiuLH19 (0.33) | BandaSC11 (0.33) | GelainPRVW17 (0.34) | MalapertCGJLR13 (0.34) |
| Dot | Siala15a (118.00) | Fahimi16 (113.00) | Schutt11 (110.00) | Godet21a (110.00) | Dejemeppe16 (105.00) |
| Cosine | Bit-Monnot23 (0.67) | JussienL02 (0.63) | MalapertCGJLR13 (0.63) | LiuLH19a (0.62) | LiuLH19 (0.62) |
| OkanoDTRYA04 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| OrnekO16 R&C | | | | | |
| Euclid | OzturkTHO12 (0.29) | ArtiguesBF04 (0.30) | TanSD10 (0.30) | KhayatLR06 (0.30) | CauwelaertDMS16 (0.30) |
| Dot | Baptiste02 (171.00) | ZarandiASC20 (168.00) | Dejemeppe16 (168.00) | Groleaz21 (165.00) | Lombardi10 (157.00) |
| Cosine | OzturkTHO12 (0.81) | ArtiguesBF04 (0.79) | KhayatLR06 (0.79) | TanSD10 (0.79) | ArtiguesF07 (0.78) |
| OrnekOS20 R&C | | | | | |
| Euclid | ZibranR11a (0.33) | BofillGSV15 (0.34) | KucukY19 (0.34) | ZibranR11 (0.34) | Puget95 (0.35) |
| Dot | ZarandiASC20 (108.00) | Astrand21 (97.00) | Lunardi20 (96.00) | Lombardi10 (93.00) | Lemos21 (93.00) |
| Cosine | GokPTGO23 (0.62) | DemirovicS18 (0.60) | ZibranR11a (0.60) | ZouZ20 (0.59) | AlesioBNG15 (0.59) |
| OuelletQ13 R&C | KameugneFSN14 (0.54) | LetortBC12 (0.57) | GayHS15 (0.60) | OuelletQ18 (0.60) | KameugneF13 (0.61) |
| Euclid | KameugneFND23 (0.22) | GingrasQ16 (0.22) | OuelletQ18 (0.24) | KameugneFSN11 (0.26) | KameugneFGOQ18 (0.27) |
| Dot | Fahimi16 (142.00) | FahimiOQ18 (133.00) | Schutt11 (132.00) | KameugneFND23 (131.00) | FetgoD22 (128.00) |
| Cosine | KameugneFND23 (0.89) | GingrasQ16 (0.86) | OuelletQ18 (0.84) | FetgoD22 (0.84) | KameugneFSN11 (0.82) |
| OuelletQ18 R&C | Tesch18 (0.38) | KameugneFSN14 (0.56) | OuelletQ13 (0.60) | KameugneF13 (0.60) | Tesch16 (0.63) |
| Euclid | GayHS15a (0.23) | OuelletQ13 (0.24) | Vilim11 (0.24) | CauwelaertLS15 (0.28) | KameugneFSN11 (0.28) |
| Dot | Schutt11 (119.00) | Fahimi16 (118.00) | KameugneFND23 (110.00) | FahimiOQ18 (110.00) | SchuttFS13a (106.00) |
| Cosine | GayHS15a (0.85) | OuelletQ13 (0.84) | Vilim11 (0.81) | KameugneFND23 (0.81) | SchuttFS13a (0.77) |
| OuelletQ22 R&C | OuelletQ18 (0.82) | OuelletQ13 (0.83) | SchuttFSW15 (0.84) | GayHS15a (0.85) | FetgoD22 (0.86) |
| Euclid | Vilim11 (0.28) | OuelletQ18 (0.29) | OuelletQ13 (0.29) | Vilim09a (0.30) | GayHS15a (0.30) |
| Dot | Fahimi16 (131.00) | Schutt11 (119.00) | Dejemeppe16 (117.00) | FahimiOQ18 (115.00) | Baptiste02 (111.00) |
| Cosine | OuelletQ13 (0.78) | Vilim11 (0.77) | OuelletQ18 (0.77) | GayHS15a (0.76) | Vilim09a (0.72) |
| OujanaAYB22 R&C | MengLZB21 (0.90) | MengGRZSC22 (0.91) | MengZRZL20 (0.92) | YunusogluY22 (0.94) | YuraszeckMPV22 (0.94) |
| Euclid | LiFJZLL22 (0.35) | ZhouGL15 (0.36) | ParkUJR19 (0.37) | Teppan22 (0.37) | HeinzNVH22 (0.37) |
| Dot | ZarandiASC20 (197.00) | Lunardi20 (191.00) | Groleaz21 (185.00) | Astrand21 (172.00) | IsikYA23 (171.00) |
| Cosine | Novas19 (0.76) | MengZRZL20 (0.75) | LiFJZLL22 (0.74) | PrataAN23 (0.74) | AbreuPNF23 (0.74) |
| OzturkTHO10 R&C | OzturkTHO13 (0.93) | OzturkTHO12 (0.95) | ValleMGT03 (0.95) | TerekhovDOB12 (0.96) | TopaloglusS12 (0.96) |
| Euclid | OzturkTHO12 (0.27) | BeniniBGM05a (0.27) | LeeKLKKYHP97 (0.28) | FortinZDF05 (0.28) | KhayatLR06 (0.28) |
| Dot | OzturkTHO13 (111.00) | Baptiste02 (105.00) | Malapert11 (103.00) | Lunardi20 (102.00) | Dejemeppe16 (101.00) |
| Cosine | OzturkTHO13 (0.81) | OzturkTHO12 (0.77) | OzturkTHO15 (0.76) | KhayatLR06 (0.75) | ZeballosH05 (0.74) |
| OzturkTHO12 R&C | ZhangLS12 (0.83) | QuirogaZH05 (0.86) | Geske05 (0.86) | EvenSH15 (0.88) | KovacsV04 (0.88) |
| Euclid | OzturkTHO15 (0.19) | CauwelaertDMS16 (0.27) | OzturkTHO10 (0.27) | KhayatLR06 (0.28) | HeipckeCCS00 (0.28) |
| Dot | Dejemeppe16 (135.00) | Schutt11 (130.00) | Lombardi10 (130.00) | Malapert11 (129.00) | Baptiste02 (129.00) |
| Cosine | OzturkTHO15 (0.92) | OzturkTHO13 (0.82) | OrnekO16 (0.81) | DejemeppeCS15 (0.79) | Wolf05 (0.78) |
| OzturkTHO13 R&C | OzturkTHO15 (0.71) | TopaloglusS12 (0.85) | PinarbasiAY19 (0.88) | ValleMGT03 (0.89) | PinarbasiA20 (0.91) |
| Euclid | OzturkTHO15 (0.27) | OzturkTHO12 (0.30) | OzturkTHO10 (0.31) | KhayatLR06 (0.34) | OrnekO16 (0.34) |
| Dot | Baptiste02 (182.00) | Malapert11 (172.00) | Dejemeppe16 (171.00) | Groleaz21 (169.00) | Lombardi10 (168.00) |
| Cosine | OzturkTHO15 (0.86) | OzturkTHO12 (0.82) | OzturkTHO10 (0.81) | OrnekO16 (0.78) | BartakSR08 (0.77) |
| OzturkTHO15 R&C | OzturkTHO13 (0.71) | ValleMGT03 (0.88) | AlakaPY19 (0.90) | TopaloglusS12 (0.90) | PinarbasiAY19 (0.91) |
| Euclid | OzturkTHO12 (0.19) | OzturkTHO13 (0.27) | OzturkTHO10 (0.31) | HeipckeCCS00 (0.32) | KhayatLR06 (0.32) |
| Dot | Lombardi10 (153.00) | Groleaz21 (151.00) | Astrand21 (150.00) | Dejemeppe16 (150.00) | OzturkTHO13 (148.00) |
| Cosine | OzturkTHO12 (0.92) | OzturkTHO13 (0.86) | OrnekO16 (0.77) | OzturkTHO10 (0.76) | KhayatLR06 (0.75) |
| PachecoPR19 R&C | | | | | |
| Euclid | KovacsV06 (0.27) | WessenCS20 (0.28) | FortinZDF05 (0.28) | ValleMGT03 (0.28) | BoothNB16 (0.28) |
| Dot | Dejemeppe16 (115.00) | Groleaz21 (113.00) | LaborieRSV18 (112.00) | Astrand21 (112.00) | ZarandiASC20 (111.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | KovacsV06 (0.74) | BeckPS03 (0.73) | BeniniLMMR08 (0.72) | KovacsV04 (0.71) | CestaOF99 (0.71) |
| PacinoH11 R&C | | | | | |
| Euclid | VilimBC04 (0.23) | HentenryckM04 (0.23) | GodardLN05 (0.25) | Vilim05 (0.26) | VilimBC05 (0.27) |
| Dot | Dejemeppe16 (119.00) | Astrand21 (114.00) | LaborieRSV18 (108.00) | Malapert11 (108.00) | Groleaz21 (108.00) |
| Cosine | HentenryckM04 (0.83) | VilimBC04 (0.82) | GodardLN05 (0.81) | VilimBC05 (0.79) | CarchraeB09 (0.78) |
| PandeyS21a R&C | ArbaouiY18 (0.91) | EdisO11 (0.92) | EdisO11a (0.94) | YunusogluY22 (0.94) | JainG01 (0.95) |
| Euclid | HeipckeCCS00 (0.34) | NishikawaSTT19 (0.35) | KhayatLR06 (0.35) | EdisO11 (0.35) | JainG01 (0.35) |
| Dot | ZarandiASC20 (141.00) | Groleaz21 (140.00) | Baptiste02 (134.00) | LaborieRSV18 (130.00) | Godet21a (130.00) |
| Cosine | KhayatLR06 (0.71) | JainG01 (0.70) | HeipckeCCS00 (0.70) | TouatBT22 (0.70) | ArtiguesLH13 (0.70) |
| PapaB98 R&C | Polo-MejiaALB20 (0.91) | ArtiouchineB05 (0.94) | NaderiR22 (0.95) | PoderBS04 (0.95) | ElkhyariGJ02a (0.96) |
| Euclid | PapeB97 (0.32) | BaptisteP95 (0.34) | BaptisteP00 (0.35) | BaptisteP97 (0.36) | GokgurHO18 (0.37) |
| Dot | Baptiste02 (230.00) | Godet21a (188.00) | Lombardi10 (188.00) | Fahimi16 (182.00) | Malapert11 (180.00) |
| Cosine | PapeB97 (0.83) | BaptisteP95 (0.79) | BaptisteP00 (0.78) | BaptisteP97 (0.77) | GokgurHO18 (0.77) |
| Pape94 R&C | NuijtenA96 (0.91) | Laborie03 (0.93) | BeckF00 (0.94) | AggounB93 (0.95) | WatsonB08 (0.96) |
| Euclid | Colombani96 (0.29) | HoeveGSL07 (0.30) | LiessM08 (0.30) | HeipckeCCS00 (0.31) | DavenportKRSH07 (0.31) |
| Dot | Beck99 (128.00) | Baptiste02 (127.00) | ZarandiASC20 (125.00) | Lombardi10 (122.00) | Astrand21 (120.00) |
| Cosine | Colombani96 (0.75) | LiessM08 (0.74) | HeipckeCCS00 (0.73) | DavenportKRSH07 (0.73) | HoeveGSL07 (0.72) |
| PapeB96 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| PapeB97 R&C | | | | | |
| Euclid | BaptisteP00 (0.27) | BaptisteP97 (0.30) | PapaB98 (0.32) | BaptistePN99 (0.35) | TanSD10 (0.36) |
| Dot | Baptiste02 (189.00) | Malapert11 (177.00) | PapaB98 (172.00) | Schutt11 (169.00) | Dejemeppe16 (169.00) |
| Cosine | BaptisteP00 (0.87) | PapaB98 (0.83) | BaptisteP97 (0.83) | BaptistePN99 (0.77) | GokgurHO18 (0.75) |
| ParkUJR19 R&C | CobanH10 (0.92) | Laborie18a (0.92) | ColT2019a (0.92) | HamdiL13 (0.93) | RenT09 (0.93) |
| Euclid | JuvinHL23 (0.26) | BillautHL12 (0.29) | Beck06 (0.30) | LorigeonBB02 (0.32) | HamdiL13 (0.32) |
| Dot | Groleaz21 (145.00) | ZarandiASC20 (143.00) | Lunardi20 (141.00) | PrataAN23 (128.00) | Astrand21 (128.00) |
| Cosine | JuvinHL23 (0.80) | TerekhovTDB14 (0.77) | BillautHL12 (0.75) | ZhouGL15 (0.72) | OujanaAYB22 (0.72) |
| PembertonG98 R&C | ZhangW18 (0.99) | BartakSR08 (0.99) | MintonJPL92 (1.00) | JainM99 (1.00) | |
| Euclid | KengY89 (0.28) | Caseau97 (0.29) | CrawfordB94 (0.30) | SimoninAHL12 (0.30) | Salido10 (0.30) |
| Dot | ZarandiASC20 (103.00) | Godet21a (101.00) | Lombardi10 (101.00) | Fahimi16 (98.00) | Dejemeppe16 (96.00) |
| Cosine | KengY89 (0.70) | SimoninAHL12 (0.67) | Salido10 (0.67) | BaptisteP95 (0.67) | Caseau97 (0.66) |
| PengLC14 R&C | WariZ19 (0.92) | BeldiceanuCDP11 (0.92) | ZarandiKS16 (0.93) | NovasH14 (0.95) | NovaraNH16 (0.96) |
| Euclid | KhayatLR06 (0.26) | HeipckeCCS00 (0.27) | KovacsV06 (0.27) | ValleMGT03 (0.27) | KovacsV04 (0.27) |
| Dot | Groleaz21 (155.00) | Dejemeppe16 (152.00) | ZarandiASC20 (148.00) | Baptiste02 (142.00) | Beck99 (134.00) |
| Cosine | KhayatLR06 (0.81) | HeipckeCCS00 (0.80) | KovacsV06 (0.79) | KovacsV04 (0.78) | ValleMGT03 (0.78) |
| PenzDN23 R&C | BajestaniB15 (0.96) | NattafDYW19 (0.96) | Sadykov04 (0.98) | Ham18a (0.98) | KovacsK11 (0.98) |
| Euclid | BogaerdtW19 (0.33) | BajestaniB15 (0.34) | WuBB09 (0.36) | ThiruvadyBME09 (0.36) | NattafDYW19 (0.36) |
| Dot | ZarandiASC20 (165.00) | Groleaz21 (142.00) | Baptiste02 (128.00) | Astrand21 (125.00) | PrataAN23 (124.00) |
| Cosine | BajestaniB15 (0.75) | BogaerdtW19 (0.70) | KovacsB11 (0.69) | NattafDYW19 (0.68) | WuBB09 (0.67) |
| PerezGSL23 R&C | | | | | |
| Euclid | abs-2312-13682 (0.05) | BockmayrP06 (0.23) | ZibranR11 (0.27) | ZibranR11a (0.27) | Limtanyakul07 (0.27) |
| Dot | Dejemeppe16 (93.00) | Astrand21 (91.00) | Lombardi10 (89.00) | ZarandiASC20 (86.00) | LaborieRSV18 (86.00) |
| Cosine | abs-2312-13682 (0.99) | BockmayrP06 (0.76) | AalianPG23 (0.74) | CarchraeB09 (0.71) | QuirogaZH05 (0.70) |
| Perron05 R&C | RasmussenT06 (0.73) | HenzMT04 (0.80) | RasmussenT09 (0.83) | RasmussenT07 (0.84) | Trick03 (0.85) |
| Euclid | Baptiste09 (0.19) | CarchraeBF05 (0.19) | Tsang03 (0.21) | AbrilSB05 (0.21) | FrostD98 (0.21) |
| Dot | LarsonJC14 (39.00) | RasmussenT09 (36.00) | ZarandiASC20 (34.00) | Dejemeppe16 (34.00) | LiuLH18 (34.00) |
| Cosine | RasmussenT06 (0.69) | LarsonJC14 (0.69) | EastonNT02 (0.67) | Trick03 (0.66) | NaqviAIAAA22 (0.66) |
| PerronSF04 R&C | DannaP03 (0.67) | CarchraeB09 (0.79) | SchausHMCMD11 (0.82) | Wolf03 (0.87) | PesantRR15 (0.87) |
| Euclid | DannaP03 (0.21) | HebrardTW05 (0.24) | Hooker17 (0.25) | KovacsEKV05 (0.27) | Puget95 (0.27) |
| Dot | Groleaz21 (86.00) | LaborieRSV18 (82.00) | Dejemeppe16 (82.00) | KelbelH11 (78.00) | DannaP03 (74.00) |
| Cosine | DannaP03 (0.85) | HebrardTW05 (0.73) | CarchraeB09 (0.70) | MonetteDH09 (0.68) | KimCMLLP23 (0.68) |
| PesantGPR99 R&C | MercierH07 (0.92) | DorndorfHP99 (0.95) | Puget95 (0.95) | Geske05 (0.95) | CastroGR10 (0.95) |
| Euclid | GomesHS06 (0.22) | ZibranR11 (0.23) | ZibranR11a (0.23) | Touraivane95 (0.23) | BofillGSV15 (0.23) |
| Dot | ZarandiASC20 (71.00) | Astrand21 (70.00) | Baptiste02 (69.00) | Beck99 (68.00) | Malapert11 (66.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | GomesHS06 (0.70) | BourdaisGP03 (0.69) | ZibranR11a (0.68) | MartinPY01 (0.68) | ShaikhK23 (0.68) |
| PesantRR15 R&C | BofillEGPSV14 (0.75) | BofillGSV15 (0.81) | PerronSF04 (0.87) | DannaP03 (0.90) | BessiereHMQW14 (0.90) |
| Euclid | BofillCGGPSV23 (0.19) | ZibranR11 (0.22) | Baptiste09 (0.23) | CarchraeBF05 (0.23) | BofillGSV15 (0.23) |
| Dot | Siala15a (51.00) | Dejemeppe16 (46.00) | MusliuSS18 (44.00) | Lemos21 (43.00) | HookerH17 (42.00) |
| Cosine | BofillCGGPSV23 (0.72) | ZibranR11 (0.62) | GelainPRVW17 (0.62) | LimHTB16 (0.61) | BofillGSV15 (0.60) |
| PeschT96 R&C | DorndorfHP99 (0.95) | NuijtenA96 (0.95) | Dorndorf2000 (0.96) | KovacsEKV05 (0.96) | ColT2019a (0.97) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Pinarbasi21 R&C | PinarbasiAY19 (0.65) | Alaka21 (0.75) | KizilayC20 (0.79) | PinarbasiA20 (0.80) | SacramentoSP20 (0.80) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| PinarbasiA20 R&C | AlakaPY19 (0.71) | Alaka21 (0.74) | PinarbasiAY19 (0.78) | Pinarbasi21 (0.80) | KizilayC20 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| PinarbasiAY19 R&C | AlakaPY19 (0.62) | Pinarbasi21 (0.65) | PinarbasiA20 (0.78) | TopaloglusS12 (0.82) | ValleMGT03 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| PintoG97 R&C | MaraveliasCG04 (0.89) | RoePS05 (0.91) | HarjunkoskiJG00 (0.92) | HarjunkoskiG02 (0.94) | HookerO99 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| PoderB08 R&C | | | | | |
| Euclid | BeldiceanuP07 (0.13) | WolfS05 (0.15) | PoderBS04 (0.19) | Vilim09a (0.19) | SimonisH11 (0.20) |
| Dot | Dejemeppe16 (71.00) | Beck99 (71.00) | Godet21a (70.00) | Lombardi10 (70.00) | Malapert11 (70.00) |
| Cosine | BeldiceanuP07 (0.91) | WolfS05 (0.89) | PoderBS04 (0.85) | Vilim09a (0.81) | SimonisH11 (0.80) |
| PoderBS04 R&C | Simonis95 (0.82) | ElkhyariGJ02a (0.87) | BeldiceanuCDP11 (0.88) | SimonisH11 (0.88) | BeldiceanuCP08 (0.88) |
| Euclid | PoderB08 (0.19) | WolfS05 (0.21) | BockmayrP06 (0.22) | BeldiceanuP07 (0.23) | ChuGNSW13 (0.23) |
| Dot | Beck99 (98.00) | Baptiste02 (93.00) | Godet21a (90.00) | Dejemeppe16 (89.00) | Lombardi10 (89.00) |
| Cosine | PoderB08 (0.85) | WolfS05 (0.81) | BockmayrP06 (0.79) | ChuGNSW13 (0.78) | BeldiceanuP07 (0.77) |
| PohlAK22 R&C | NaderiBZ22a (0.86) | CilKLO22 (0.89) | ZhangYW21 (0.90) | GrimesH15 (0.94) | MalapertCGJLR12 (0.96) |
| Euclid | GedikKBR17 (0.37) | Gronkvist06 (0.38) | KimCMLLP23 (0.38) | MelgarejoLS15 (0.39) | Balduccini11 (0.39) |
| Dot | Groleaz21 (147.00) | ZarandiASC20 (136.00) | LaborieRSV18 (125.00) | Dejemeppe16 (122.00) | Baptiste02 (120.00) |
| Cosine | GokPTGO23 (0.66) | LaborieR14 (0.64) | GedikKBR17 (0.64) | KimCMLLP23 (0.64) | Gronkvist06 (0.62) |
| PolicellaWSO05 R&C | | | | | |
| Euclid | LombardiM13 (0.27) | KrogtLPHJ07 (0.28) | NishikawaSTT18 (0.28) | BofillCSV17a (0.28) | NishikawaSTT19 (0.29) |
| Dot | Beck99 (96.00) | ZarandiASC20 (91.00) | Dejemeppe16 (90.00) | Lombardi10 (88.00) | BartakSR10 (87.00) |
| Cosine | NishikawaSTT19 (0.71) | NishikawaSTT18 (0.70) | BofillCSV17a (0.69) | NishikawaSTT18a (0.69) | KrogtLPHJ07 (0.68) |
| Polo-MejiaALB20 R&C | YoungFS17 (0.86) | BenderWS21 (0.89) | PapaB98 (0.91) | NaderiR22 (0.92) | GilesH16 (0.93) |
| Euclid | LiessM08 (0.33) | HanenKP21 (0.33) | BaptisteP97 (0.33) | ArkhipovBL19 (0.35) | BruckerK00 (0.35) |
| Dot | Groleaz21 (183.00) | Baptiste02 (173.00) | Lombardi10 (167.00) | Godet21a (163.00) | Dejemeppe16 (163.00) |
| Cosine | BaptisteP97 (0.77) | HanenKP21 (0.76) | LiessM08 (0.76) | BaptistePN99 (0.75) | ArkhipovBL19 (0.75) |
| PopovicCGNC22 R&C | | | | | |
| Euclid | BoothNB16 (0.31) | CohenHB17 (0.31) | ZibranR11 (0.32) | BeniniBGM05a (0.32) | ZibranR11a (0.32) |
| Dot | LaborieRSV18 (86.00) | Froger16 (85.00) | Malapert11 (84.00) | Groleaz21 (83.00) | Lunardi20 (80.00) |
| Cosine | GoelSHFS15 (0.65) | BoothNB16 (0.64) | AalianPG23 (0.61) | QinDS16 (0.61) | KlankeBYE21 (0.61) |
| PourDERB18 R&C | KreterSSZ18 (0.91) | Geske05 (0.91) | AggounV04 (0.92) | GedikKEK18 (0.93) | BukchinR18 (0.93) |
| Euclid | AronssonBK09 (0.34) | Salido10 (0.34) | ZhangLS12 (0.35) | BandaSC11 (0.35) | KletzanderMH21 (0.35) |
| Dot | Lemos21 (123.00) | ZarandiASC20 (113.00) | Dejemeppe16 (106.00) | Godet21a (99.00) | Groleaz21 (99.00) |
| Cosine | TangLWSK18 (0.64) | PengLC14 (0.64) | Lemos21 (0.64) | KovacsK11 (0.63) | FallahiAC20 (0.62) |
| PovedaAA23 R&C | | | | | |
| Euclid | YoungFS17 (0.29) | SzerediS16 (0.34) | BoudreaultSLQ22 (0.36) | LiessM08 (0.37) | BaptisteP97 (0.37) |
| Dot | Godet21a (171.00) | Lombardi10 (168.00) | Schutt11 (160.00) | Groleaz21 (159.00) | Dejemeppe16 (157.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | YoungFS17 (0.84) | SzerediS16 (0.77) | BoudreaultSLQ22 (0.77) | abs-1911-04766 (0.75) | BaptisteP97 (0.74) |
| Pralet17 R&C | DorndorfHP99 (0.90) | CauwelaertDS20 (0.90) | DejemeppeCS15 (0.90) | CauwelaertDMS16 (0.90) | GrimesH10 (0.92) |
| Euclid | GodardLN05 (0.28) | HentenryckM04 (0.29) | DemasseyAM05 (0.30) | Laborie05 (0.30) | VilimLS15 (0.30) |
| Dot | Groleaz21 (158.00) | Baptiste02 (155.00) | Dejemeppe16 (153.00) | LaborieRSV18 (151.00) | ZarandiASC20 (150.00) |
| Cosine | GodardLN05 (0.81) | VilimLS15 (0.80) | DemasseyAM05 (0.80) | HentenryckM04 (0.79) | Laborie05 (0.79) |
| PraletLJ15 R&C | CestaOPS14 (0.88) | LetortCB13 (0.89) | GaySS14 (0.89) | Davenport10 (0.90) | LetortCB15 (0.91) |
| Euclid | NishikawaSTT18 (0.27) | NishikawaSTT18a (0.27) | FrankDT16 (0.28) | BeniniBGM05a (0.29) | AlakaPY19 (0.29) |
| Dot | LaborieRSV18 (115.00) | Groleaz21 (108.00) | Lunardi20 (104.00) | Dejemeppe16 (98.00) | ColT22 (98.00) |
| Cosine | NishikawaSTT18 (0.73) | NishikawaSTT18a (0.73) | CampeauG22 (0.71) | NishikawaSTT19 (0.69) | FrankDT16 (0.69) |
| PrataAN23 R&C | | | | | |
| Euclid | AbreuPNF23 (0.42) | AbreuAPNM21 (0.43) | OujanaAYB22 (0.43) | AlfieriGPS23 (0.43) | TerekhovDOB12 (0.44) |
| Dot | ZarandiASC20 (292.00) | Groleaz21 (253.00) | Dejemeppe16 (232.00) | Baptiste02 (227.00) | Lunardi20 (212.00) |
| Cosine | AbreuPNF23 (0.77) | AbreuAPNM21 (0.75) | OujanaAYB22 (0.74) | AlfieriGPS23 (0.74) | AbreuN22 (0.74) |
| Prosser89 R&C | | | | | |
| Euclid | FoxAS82 (0.22) | KengY89 (0.23) | CrawfordB94 (0.23) | FukunagaHFAMN02 (0.25) | Salido10 (0.26) |
| Dot | ZarandiASC20 (96.00) | Beck99 (86.00) | BeckDDF98 (86.00) | Lombardi10 (84.00) | Groleaz21 (84.00) |
| Cosine | KengY89 (0.76) | FoxAS82 (0.76) | Salido10 (0.73) | CrawfordB94 (0.73) | FoxS90 (0.72) |
| Puget95 R&C | HebrardTW05 (0.80) | MercierH07 (0.80) | VilimBC04 (0.83) | VilimBC05 (0.86) | Vilim04 (0.86) |
| Euclid | Caseau97 (0.20) | KovacsEKV05 (0.21) | HebrardTW05 (0.22) | AngelsmarkJ00 (0.22) | CrawfordB94 (0.22) |
| Dot | Malapert11 (71.00) | ZarandiASC20 (70.00) | LaborieRSV18 (69.00) | Siala15a (68.00) | Godet21a (68.00) |
| Cosine | Caseau97 (0.75) | FontaineMH16 (0.72) | TranDRFWOVB16 (0.70) | CrawfordB94 (0.69) | KovacsV04 (0.68) |
| QinDCS20 R&C | SunTB19 (0.71) | UnsalO13 (0.77) | UnsalO19 (0.91) | GedikKEK18 (0.91) | GuoHLW20 (0.92) |
| Euclid | Ham18 (0.37) | SunTB19 (0.37) | Ham18a (0.37) | MurinR19 (0.38) | QinDS16 (0.38) |
| Dot | Lunardi20 (158.00) | Groleaz21 (152.00) | ZarandiASC20 (139.00) | LaborieRSV18 (138.00) | NaderiRR23 (137.00) |
| Cosine | Ham18a (0.70) | MurinR19 (0.70) | QinDS16 (0.70) | Ham18 (0.70) | SunTB19 (0.70) |
| QinDS16 R&C | UnsalO19 (0.86) | ZampelliVSDR13 (0.91) | CappartS17 (0.92) | CobanH11 (0.93) | Laborie18a (0.93) |
| Euclid | UnsalO19 (0.31) | CorreaLR07 (0.32) | EdisO11 (0.33) | NovasH14 (0.33) | CireCH13 (0.33) |
| Dot | ZarandiASC20 (137.00) | Groleaz21 (136.00) | Lunardi20 (132.00) | LaborieRSV18 (131.00) | MilanoW09 (126.00) |
| Cosine | UnsalO19 (0.77) | CorreaLR07 (0.75) | NovasH14 (0.74) | EdisO11 (0.73) | HachemiGR11 (0.73) |
| QinWSLS21 R&C | FanXG21 (0.93) | Ham18a (0.95) | TanZWGQ19 (0.96) | NattafDYW19 (0.96) | LacknerMMWW23 (0.97) |
| Euclid | LorigeonBB02 (0.32) | HamC16 (0.33) | BillautHL12 (0.33) | Beck06 (0.33) | JuvinHL23 (0.34) |
| Dot | ZarandiASC20 (149.00) | Lunardi20 (129.00) | Groleaz21 (126.00) | Malapert11 (125.00) | IsikYA23 (115.00) |
| Cosine | HamC16 (0.72) | LorigeonBB02 (0.70) | HamFC17 (0.69) | BillautHL12 (0.68) | HamPK21 (0.67) |
| QuSN06 R&C | WolinskiKG04 (0.93) | KoschB14 (0.96) | KuchcinskiW03 (0.96) | NishikawaSTT19 (0.96) | LombardiM10a (0.97) |
| Euclid | BeniniBGM05a (0.18) | GomesHS06 (0.19) | KovacsEKV05 (0.21) | AngelsmarkJ00 (0.21) | CestaOS98 (0.22) |
| Dot | Malapert11 (59.00) | Beck99 (56.00) | Lombardi10 (56.00) | Letort13 (56.00) | TrojetHL11 (55.00) |
| Cosine | BeniniBGM05a (0.79) | GomesHS06 (0.74) | HoeveGSL07 (0.72) | AlakaPY19 (0.71) | NishikawaSTT18 (0.71) |
| QuirogaZH05 R&C | ZhangLS12 (0.67) | Geske05 (0.75) | Zeballos10 (0.76) | LimtanyakulS12 (0.79) | EvenSH15 (0.80) |
| Euclid | Zeballos10 (0.19) | ZeballosQH10 (0.23) | ZeballosH05 (0.23) | BockmayrP06 (0.27) | AstrandJZ18 (0.28) |
| Dot | ZarandiASC20 (134.00) | Dejemeppe16 (126.00) | Baptiste02 (124.00) | Zeballos10 (118.00) | ZeballosQH10 (117.00) |
| Cosine | Zeballos10 (0.92) | ZeballosQH10 (0.88) | ZeballosH05 (0.86) | NovasH14 (0.78) | NovasH10 (0.77) |
| RabbaniMM21 R&C | MokhtarzadehTNF20 (0.93) | RoshanaeiN21 (0.95) | SacramentoSP20 (0.95) | DejemeppeD14 (0.96) | AlakaPY19 (0.97) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RasmussenT06 R&C | RasmussenT09 (0.55) | RasmussenT07 (0.69) | Trick03 (0.73) | Perron05 (0.73) | RussellU06 (0.77) |
| Euclid | EastonNT02 (0.16) | RasmussenT09 (0.18) | Trick03 (0.19) | NaqviAIAAA22 (0.21) | BulckG22 (0.21) |
| Dot | RasmussenT09 (73.00) | ZarandiASC20 (64.00) | LarsonJC14 (62.00) | BulckG22 (58.00) | Trick03 (57.00) |
| Cosine | RasmussenT09 (0.88) | EastonNT02 (0.86) | Trick03 (0.81) | BulckG22 (0.80) | NaqviAIAAA22 (0.79) |
| RasmussenT07 R&C | RasmussenT09 (0.68) | RasmussenT06 (0.69) | HenzMT04 (0.73) | Henz01 (0.73) | Trick03 (0.73) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RasmussenT09 R&C | RasmussenT06 (0.55) | RasmussenT07 (0.68) | ZengM12 (0.76) | Trick11 (0.78) | Trick03 (0.80) |
| Euclid | RasmussenT06 (0.18) | EastonNT02 (0.21) | NaqviAIAAA22 (0.23) | BulckG22 (0.24) | Trick03 (0.26) |
| Dot | ZarandiASC20 (80.00) | RasmussenT06 (73.00) | LarsonJC14 (70.00) | BulckG22 (68.00) | Lunardi20 (67.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | RasmussenT06 (0.88) | EastonNT02 (0.84) | NaqviAIAAA22 (0.79) | BulckG22 (0.78) | Trick03 (0.74) |
| ReddyFIBKAJ11 R&C | SimoninAHL15 (0.92) | JelinekB16 (0.92) | Rodriguez07 (0.93) | SimoninAHL12 (0.94) | LouieVNB14 (0.94) |
| Euclid | WallaceF00 (0.24) | OddiPCC03 (0.27) | FukunagaHFAMN02 (0.28) | BartakCS10 (0.28) | LombardiM13 (0.29) |
| Dot | Godet21a (90.00) | Lombardi10 (88.00) | ZarandiASC20 (85.00) | Baptiste02 (82.00) | Dejemeppe16 (81.00) |
| Cosine | WallaceF00 (0.75) | OddiPCC03 (0.72) | BartakCS10 (0.68) | BocewiczBB09 (0.66) | BarbulescuWH04 (0.66) |
| Refalo00 R&C | MilanoORT02 (0.87) | Thorsteinsson01 (0.87) | HookerY02 (0.87) | Hooker05b (0.89) | AjiliW04 (0.89) |
| Euclid | Davis87 (0.24) | Valdes87 (0.24) | ZibranR11 (0.26) | ChapadosJR11 (0.26) | ZhangLS12 (0.27) |
| Dot | Siala15a (54.00) | Malapert11 (53.00) | Schutt11 (52.00) | Dejemeppe16 (51.00) | Wallace96 (48.00) |
| Cosine | HookerOTK00 (0.61) | ZhangLS12 (0.55) | HookerO99 (0.54) | Davis87 (0.53) | BukchinR18 (0.53) |
| RenT09 R&C | Thorsteinsson01 (0.88) | ZeballosM09 (0.88) | RoePS05 (0.89) | HarjunkoskiG02 (0.91) | GongLMW09 (0.92) |
| Euclid | HebrardTW05 (0.24) | HarjunkoskiJG00 (0.26) | BofillGSV15 (0.29) | LauLN08 (0.29) | KovacsEKV05 (0.29) |
| Dot | Malapert11 (87.00) | HarjunkoskiMBC14 (77.00) | ColT22 (75.00) | ZarandiASC20 (74.00) | LaborieRSV18 (74.00) |
| Cosine | HebrardTW05 (0.74) | HarjunkoskiJG00 (0.72) | Colombani96 (0.68) | HarjunkoskiG02 (0.68) | WatsonB08 (0.67) |
| RendlPHPR12 R&C | ArmstrongGOS21 (0.93) | LimBTBB15a (0.94) | TangB20 (0.95) | FrohnerTR19 (0.95) | HechingH16 (0.96) |
| Euclid | HoYCLLCLC18 (0.32) | LimRX04 (0.33) | BarzegaranZP20 (0.33) | ZibranR11 (0.34) | KletzanderM17 (0.34) |
| Dot | ZarandiASC20 (109.00) | Dejemeppe16 (99.00) | Lemos21 (97.00) | Astrand21 (94.00) | Froger16 (93.00) |
| Cosine | HoYCLLCLC18 (0.62) | GedikKBR17 (0.61) | BarzegaranZP20 (0.60) | LimRX04 (0.60) | WatsonB08 (0.59) |
| Rgin2001 R&C | ElfJR03 (0.87) | Henz01 (0.88) | HenzMT04 (0.89) | RasmussenT06 (0.89) | RasmussenT07 (0.91) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RiahiNS018 R&C | | | | | |
| Euclid | WatsonBHW99 (0.34) | LiLZDZW24 (0.35) | DoRZ08 (0.36) | JuvinHL23 (0.37) | LiFJZLL22 (0.37) |
| Dot | AbreuNP23 (114.00) | IsikYA23 (112.00) | ZarandiASC20 (107.00) | Astrand21 (106.00) | AbreuPNF23 (100.00) |
| Cosine | AbreuNP23 (0.67) | WatsonBHW99 (0.65) | LiFJZLL22 (0.63) | LiLZDZW24 (0.62) | AlfieriGPS23 (0.62) |
| Ribeiro12 R&C | Trick11 (0.79) | RasmussenT07 (0.82) | ZengM12 (0.84) | KendallKRU10 (0.86) | Trick03 (0.86) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RiiseML16 R&C | RoshanaeiLAU17 (0.69) | RoshanaeiLAU17a (0.75) | RoshanaeiBAUB20 (0.75) | ZarandiB12 (0.82) | RoshanaeiN21 (0.82) |
| Euclid | GurEA19 (0.29) | DoulabiRP14 (0.30) | DoulabiRP16 (0.31) | WangMD15 (0.33) | GurPAE23 (0.33) |
| Dot | ZarandiASC20 (121.00) | Dejemeppe16 (106.00) | RoshanaeiBAUB20 (105.00) | Lombardi10 (105.00) | Astrand21 (103.00) |
| Cosine | GurEA19 (0.77) | RoshanaeiBAUB20 (0.74) | DoulabiRP14 (0.73) | WangMD15 (0.73) | DoulabiRP16 (0.71) |
| Rit86 R&C | | | | | |
| Euclid | AngelsmarkJ00 (0.16) | LiuJ06 (0.17) | LudwigKRBMS14 (0.18) | Valdes87 (0.19) | CarchraeBF05 (0.19) |
| Dot | Malapert11 (54.00) | Baptiste02 (54.00) | Siala15 (53.00) | Siala15a (53.00) | Godet21a (53.00) |
| Cosine | AngelsmarkJ00 (0.76) | LudwigKRBMS14 (0.73) | DincbasSH90 (0.73) | LiuJ06 (0.73) | BeldiceanuCP08 (0.69) |
| Rodosek94 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RodosekW98 R&C | BaptisteLV92 (0.78) | BosiM2001 (0.91) | EreminW01 (0.91) | DarbyDowmanL98 (0.92) | EdisO11 (0.92) |
| Euclid | RodosekWH99 (0.26) | HookerO99 (0.33) | DincbasSH90 (0.34) | Rit86 (0.36) | LiuJ06 (0.37) |
| Dot | Malapert11 (117.00) | Baptiste02 (100.00) | Schutt11 (97.00) | Simonis99 (95.00) | Siala15a (92.00) |
| Cosine | RodosekWH99 (0.80) | HookerO99 (0.70) | DincbasSH90 (0.64) | Wallace96 (0.62) | Darby-DowmanLMZ97 (0.62) |
| RodosekWH99 R&C | BockmayrK98 (0.80) | HookerO99 (0.87) | Darby-DowmanLMZ97 (0.89) | SmithBHW96 (0.91) | DarbyDowmanL98 (0.91) |
| Euclid | RodosekW98 (0.26) | Darby-DowmanLMZ97 (0.29) | HookerO99 (0.30) | Touraivane95 (0.32) | HarjunkoskiJG00 (0.33) |
| Dot | Malapert11 (95.00) | RodosekW98 (92.00) | Darby-DowmanLMZ97 (86.00) | HookerO99 (86.00) | Baptiste02 (84.00) |
| Cosine | RodosekW98 (0.80) | Darby-DowmanLMZ97 (0.75) | HookerO99 (0.74) | HarjunkoskiJG00 (0.60) | EreminW01 (0.59) |
| Rodriguez07 R&C | Colombani96 (0.82) | NuijtenA96 (0.83) | Zhou96 (0.85) | Salido10 (0.86) | Puget95 (0.88) |
| Euclid | Rodriguez07b (0.22) | RodriguezS09 (0.24) | RodriguezDG02 (0.25) | Puget95 (0.30) | GilesH16 (0.31) |
| Dot | Godet21a (108.00) | Malapert11 (107.00) | ZarandiASC20 (106.00) | Lombardi10 (106.00) | LaborieRSV18 (103.00) |
| Cosine | Rodriguez07b (0.85) | RodriguezS09 (0.83) | RodriguezDG02 (0.80) | MarliereSPR23 (0.70) | CappartS17 (0.70) |
| Rodriguez07b R&C | | | | | |
| Euclid | RodriguezS09 (0.12) | Rodriguez07 (0.22) | RodriguezDG02 (0.23) | CappartS17 (0.29) | Puget95 (0.30) |
| Dot | RodriguezS09 (107.00) | Malapert11 (100.00) | ZarandiASC20 (98.00) | Baptiste02 (98.00) | Rodriguez07 (95.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | RodriguezS09 (0.96) | Rodriguez07 (0.85) | RodriguezDG02 (0.82) | CappartS17 (0.75) | MarliereSPR23 (0.70) |
| RodriguezDG02 R&C | | | | | |
| Euclid | Acuna-AgostMFG09 (0.22) | ZibranR11 (0.23) | Rodriguez07b (0.23) | ZibranR11a (0.23) | WallaceF00 (0.23) |
| Dot | RodriguezS09 (65.00) | Rodriguez07 (65.00) | Rodriguez07b (64.00) | MarliereSPR23 (62.00) | Lombardi10 (59.00) |
| Cosine | Rodriguez07b (0.82) | RodriguezS09 (0.80) | Rodriguez07 (0.80) | CappartS17 (0.69) | ZibranR11a (0.67) |
| RodriguezS09 R&C | | | | | |
| Euclid | Rodriguez07b (0.12) | Rodriguez07 (0.24) | RodriguezDG02 (0.25) | CappartS17 (0.29) | Puget95 (0.31) |
| Dot | Malapert11 (109.00) | Rodriguez07b (107.00) | Lombardi10 (106.00) | ZarandiASC20 (105.00) | Baptiste02 (102.00) |
| Cosine | Rodriguez07b (0.96) | Rodriguez07 (0.83) | RodriguezDG02 (0.80) | CappartS17 (0.75) | MarliereSPR23 (0.69) |
| RoePS05 R&C | MaraveliasCG04 (0.68) | HarjunkoskiG02 (0.75) | BockmayrP06 (0.84) | ZeballosM09 (0.84) | JainG01 (0.87) |
| Euclid | WikarekS19 (0.35) | Goltz95 (0.37) | DincbasSH90 (0.38) | Bartak02 (0.38) | Zhou96 (0.38) |
| Dot | Malapert11 (156.00) | Baptiste02 (150.00) | ZarandiASC20 (143.00) | Fahimi16 (135.00) | HarjunkoskiMBC14 (132.00) |
| Cosine | WikarekS19 (0.72) | Goltz95 (0.68) | AggounB93 (0.68) | GrimesH10 (0.67) | DincbasSH90 (0.67) |
| RoshanaeiBAUB20 R&C | RoshanaeiN21 (0.55) | RoshanaeiLAU17a (0.66) | NaderiRBAU21 (0.67) | RoshanaeiLAU17 (0.69) | RiiseML16 (0.75) |
| Euclid | RoshanaeiN21 (0.32) | NaderiBZR23 (0.32) | DoulabiRP16 (0.33) | RoshanaeiLAU17 (0.33) | RiiseML16 (0.33) |
| Dot | ZarandiASC20 (131.00) | Groleaz21 (129.00) | NaderiRR23 (127.00) | RoshanaeiN21 (126.00) | NaderiBZ23 (124.00) |
| Cosine | RoshanaeiN21 (0.79) | NaderiBZR23 (0.78) | RoshanaeiLAU17 (0.76) | RiiseML16 (0.74) | DoulabiRP16 (0.73) |
| RoshanaeiLAU17 R&C | RoshanaeiLAU17a (0.56) | RoshanaeiBAUB20 (0.69) | RiiseML16 (0.69) | DoulabiRP16 (0.70) | ZarandiB12 (0.75) |
| Euclid | DoulabiRP16 (0.31) | RoshanaeiBAUB20 (0.33) | NaderiBZR23 (0.34) | GurEA19 (0.35) | ElciOH22 (0.35) |
| Dot | ZarandiASC20 (149.00) | Groleaz21 (134.00) | NaderiRR23 (127.00) | NaderiBZ23 (123.00) | RoshanaeiBAUB20 (121.00) |
| Cosine | DoulabiRP16 (0.77) | RoshanaeiBAUB20 (0.76) | NaderiBZR23 (0.75) | ElciOH22 (0.71) | GurEA19 (0.70) |
| RoshanaeiLAU17a R&C | RoshanaeiLAU17 (0.56) | RoshanaeiBAUB20 (0.66) | DoulabiRP16 (0.70) | RiiseML16 (0.75) | RoshanaeiN21 (0.77) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| RoshanaeiN21 R&C | RoshanaeiBAUB20 (0.55) | NaderiRBAU21 (0.64) | RoshanaeiLAU17 (0.77) | RoshanaeiLAU17a (0.77) | MartnezAJ22 (0.80) |
| Euclid | RoshanaeiBAUB20 (0.32) | NaderiBZ23 (0.33) | NaderiBZ22 (0.33) | GurEA19 (0.36) | RiiseML16 (0.38) |
| Dot | NaderiRR23 (142.00) | NaderiBZ23 (142.00) | NaderiBZ22 (138.00) | Groleaz21 (136.00) | RoshanaeiBAUB20 (126.00) |
| Cosine | NaderiBZ23 (0.79) | NaderiBZ22 (0.79) | RoshanaeiBAUB20 (0.79) | RoshanaeiLAU17 (0.69) | GurEA19 (0.69) |
| RossiTHP07 R&C | HoundjiSWD14 (0.94) | DejemeppeD14 (0.94) | SerraNM12 (0.94) | KhemmoudjPB06 (0.94) | NishikawaSTT18a (0.95) |
| Euclid | SunLYL10 (0.27) | KhemmoudjPB06 (0.28) | GomesHS06 (0.28) | ChapadosJR11 (0.28) | Davis87 (0.28) |
| Dot | Astrand21 (64.00) | HarjunkoskiMBC14 (64.00) | ZarandiASC20 (63.00) | Groleaz21 (62.00) | Lombardi10 (61.00) |
| Cosine | KhemmoudjPB06 (0.62) | LozanoCDS12 (0.60) | SunLYL10 (0.58) | LombardiMRB10 (0.57) | BridiBLMB16 (0.57) |
| RoweJCA96 R&C | | | | | |
| Euclid | Hunsberger08 (0.21) | LiuJ06 (0.22) | Davis87 (0.22) | SunLYL10 (0.23) | FukunagaHFAMN02 (0.23) |
| Dot | Lombardi10 (70.00) | Astrand21 (62.00) | Groleaz21 (62.00) | ZarandiASC20 (61.00) | Schutt11 (60.00) |
| Cosine | AstrandJZ18 (0.71) | Hunsberger08 (0.69) | LozanoCDS12 (0.68) | BorghesiBLMB18 (0.68) | SunLYL10 (0.67) |
| RuggieroBBMA09 R&C | BeniniBGM06 (0.84) | Hooker05 (0.87) | ChuX05 (0.88) | BeniniBGM05 (0.88) | CambazardJ05 (0.89) |
| Euclid | BeniniBGM06 (0.27) | BeniniBGM05 (0.27) | BeniniLMR08 (0.31) | LozanoCDS12 (0.33) | BeniniBGM05a (0.33) |
| Dot | Lombardi10 (141.00) | ZarandiASC20 (114.00) | LombardiMRB10 (114.00) | BeniniBGM05 (111.00) | Astrand21 (110.00) |
| Cosine | BeniniBGM06 (0.81) | BeniniBGM05 (0.81) | BeniniLMR08 (0.74) | LombardiMRB10 (0.74) | BeniniLMR11 (0.70) |
| RussellU06 R&C | HenzMT04 (0.71) | Trick03 (0.73) | RasmussenT06 (0.77) | RasmussenT07 (0.78) | Henz01 (0.79) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| SacramentoSP20 R&C | Pinarbasi21 (0.80) | MengLZB21 (0.83) | AbreuAPNM21 (0.83) | KizilayC20 (0.91) | LunardiBLRV20 (0.92) |
| Euclid | MalapertCGJLR13 (0.41) | UnsalO13 (0.43) | GedikKBR17 (0.43) | HubnerGSV21 (0.44) | AfsarVPG23 (0.44) |
| Dot | Groleaz21 (204.00) | ZarandiASC20 (190.00) | Lunardi20 (188.00) | Astrand21 (175.00) | NaderiRR23 (172.00) |
| Cosine | UnsalO13 (0.69) | MalapertCGJLR13 (0.69) | AfsarVPG23 (0.68) | AbreuPNF23 (0.68) | HubnerGSV21 (0.67) |
| SadehF96 R&C | BeckF00 (0.87) | MintonJPL92 (0.89) | BartakSR10 (0.90) | Wallace96 (0.93) | JussienL02 (0.93) |
| Euclid | OddiS97 (0.26) | CestaOF99 (0.26) | SmithC93 (0.27) | CestaOS00 (0.27) | BeckDF97 (0.28) |
| Dot | ZarandiASC20 (150.00) | Beck99 (145.00) | Groleaz21 (144.00) | Lombardi10 (142.00) | Baptiste02 (141.00) |
| Cosine | OddiS97 (0.83) | CestaOF99 (0.82) | SmithC93 (0.81) | CestaOS00 (0.80) | BeckF00 (0.80) |
| Sadykov04 R&C | SadykovW06 (0.66) | HamdiL13 (0.79) | ChuX05 (0.82) | Beck10 (0.82) | CireCH13 (0.82) |
| Euclid | SadykovW06 (0.19) | Limtanyakul07 (0.22) | BenediktSMVH18 (0.25) | Colombani96 (0.25) | MakMS10 (0.25) |
| Dot | Baptiste02 (96.00) | Groleaz21 (93.00) | ZarandiASC20 (87.00) | BartakSR10 (83.00) | Dejemeppe16 (82.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | SadykovW06 (0.87) | Limtanyakul07 (0.76) | Colombani96 (0.75) | MakMS10 (0.71) | AkkerDH07 (0.71) |
| SadykovW06 R&C | Sadykov04 (0.66) | BockmayrP06 (0.82) | Hooker05 (0.83) | ChuX05 (0.86) | Beck10 (0.87) |
| Euclid | Sadykov04 (0.19) | BenediktSMVH18 (0.26) | CatusseCBL16 (0.29) | Limtanyakul07 (0.29) | ChuX05 (0.31) |
| Dot | Baptiste02 (103.00) | Groleaz21 (98.00) | ZarandiASC20 (90.00) | BartakSR10 (84.00) | BlazewiczDP96 (84.00) |
| Cosine | Sadykov04 (0.87) | BenediktSMVH18 (0.72) | CatusseCBL16 (0.69) | AkkerDH07 (0.69) | Limtanyakul07 (0.66) |
| SakkoutRW98 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| SakkoutW00 R&C | KamarainenS02 (0.95) | EreminW01 (0.96) | JussienL02 (0.96) | ElkhyariGJ02a (0.96) | Hooker04 (0.96) |
| Euclid | KamarainenS02 (0.31) | HeckmanB11 (0.33) | Beck07 (0.33) | BeckF00a (0.34) | KovacsV04 (0.34) |
| Dot | Lombardi10 (146.00) | Baptiste02 (145.00) | Fahimi16 (145.00) | Beck99 (144.00) | Malapert11 (144.00) |
| Cosine | KamarainenS02 (0.75) | HeckmanB11 (0.74) | Beck07 (0.73) | BeckF00 (0.73) | BartakSR08 (0.73) |
| Salido10 R&C | BartakS11 (0.75) | Colombani96 (0.83) | NuijtenA96 (0.85) | Rodriguez07 (0.86) | Zhou96 (0.88) |
| Euclid | BartakS11 (0.24) | KengY89 (0.25) | BocewiczBB09 (0.25) | Prosser89 (0.26) | FukunagaHFAMN02 (0.26) |
| Dot | ZarandiASC20 (122.00) | Dejemeppe16 (112.00) | Beck99 (103.00) | Lombardi10 (101.00) | Astrand21 (98.00) |
| Cosine | BartakS11 (0.76) | BocewiczBB09 (0.75) | KengY89 (0.73) | Prosser89 (0.73) | ZarandiKS16 (0.72) |
| Schaerf96 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Schaerf97 R&C | | | | | |
| Euclid | LimAHO02a (0.19) | EastonNT02 (0.22) | JelinekB16 (0.23) | YoshikawaKNW94 (0.23) | FrostD98 (0.23) |
| Dot | ZarandiASC20 (53.00) | KanetAG04 (43.00) | Lemos21 (43.00) | Astrand21 (40.00) | Fahimi16 (40.00) |
| Cosine | LimAHO02a (0.70) | EastonNT02 (0.69) | YoshikawaKNW94 (0.62) | JelinekB16 (0.59) | RasmussenT06 (0.58) |
| SchausD08 R&C | | | | | |
| Euclid | BukchinR18 (0.26) | AlakaPY19 (0.28) | GomesHS06 (0.29) | BandaSC11 (0.29) | ChapadosJR11 (0.30) |
| Dot | Dejemeppe16 (75.00) | Godet21a (73.00) | Schutt11 (70.00) | Malapert11 (69.00) | Lombardi10 (68.00) |
| Cosine | BukchinR18 (0.69) | AlakaPY19 (0.62) | LombardiMB13 (0.56) | Alaka21 (0.56) | LozanoCDS12 (0.56) |
| SchausHMCMD11 R&C | HentenryckM08 (0.64) | GarganiR07 (0.67) | HeinzSSW12 (0.69) | PerronSF04 (0.82) | GaySS14 (0.83) |
| Euclid | HentenryckM08 (0.27) | GarganiR07 (0.27) | HeinzSSW12 (0.29) | BandaSC11 (0.34) | LiuLH19a (0.35) |
| Dot | Dejemeppe16 (80.00) | Lombardi10 (67.00) | Siala15a (66.00) | GarganiR07 (64.00) | Godet21a (64.00) |
| Cosine | HentenryckM08 (0.73) | GarganiR07 (0.72) | HeinzSSW12 (0.67) | LiuLH19a (0.56) | BandaSC11 (0.51) |
| SchildW00 R&C | HladikCDJ08 (0.95) | BenoistGR02 (0.97) | CambazardHDJT04 (0.98) | Thorsteinsson01 (0.99) | JainG01 (1.00) |
| Euclid | Zhou96 (0.34) | HoeveGSL07 (0.35) | HeipckeCCS00 (0.35) | CarlssonKA99 (0.35) | KengY89 (0.35) |
| Dot | Lombardi10 (137.00) | Groleaz21 (135.00) | Malapert11 (132.00) | Astrand21 (129.00) | Fahimi16 (129.00) |
| Cosine | BartakSR08 (0.69) | Zhou96 (0.68) | CauwelaertDS20 (0.68) | HeipckeCCS00 (0.67) | FontaineMH16 (0.67) |
| SchnellH15 R&C | SchnellH17 (0.61) | SzerediS16 (0.79) | SchuttFSW13 (0.79) | KreterSSZ18 (0.80) | KreterSS15 (0.82) |
| Euclid | SchnellH17 (0.20) | BofillCSV17 (0.25) | SchuttCSW12 (0.29) | abs-1009-0347 (0.29) | SzerediS16 (0.30) |
| Dot | Schutt11 (146.00) | Godet21a (138.00) | Caballero19 (138.00) | Lombardi10 (133.00) | Groleaz21 (126.00) |
| Cosine | SchnellH17 (0.90) | BofillCSV17 (0.84) | abs-1009-0347 (0.79) | SchuttCSW12 (0.78) | SzerediS16 (0.78) |
| SchnellH17 R&C | SchnellH15 (0.61) | KreterSSZ18 (0.81) | KreterSS17 (0.85) | SzerediS16 (0.85) | SchuttS16 (0.88) |
| Euclid | SchnellH15 (0.20) | BertholdHLMS10 (0.28) | BofillCSV17 (0.29) | SchuttCSW12 (0.31) | BofillCSV17a (0.31) |
| Dot | Schutt11 (138.00) | Caballero19 (125.00) | SchnellH15 (124.00) | Godet21a (123.00) | Groleaz21 (121.00) |
| Cosine | SchnellH15 (0.90) | BertholdHLMS10 (0.77) | BofillCSV17 (0.76) | abs-1009-0347 (0.74) | SchuttFSW13 (0.74) |
| Schutt11 R&C | | | | | |
| Euclid | SchuttFSW11 (0.40) | SchuttFS13a (0.45) | FahimiOQ18 (0.46) | Caballero19 (0.47) | SchuttFSW13 (0.49) |
| Dot | Dejemeppe16 (262.00) | Lombardi10 (261.00) | Malapert11 (259.00) | Baptiste02 (255.00) | Fahimi16 (240.00) |
| Cosine | SchuttFSW11 (0.83) | SchuttFS13a (0.77) | FahimiOQ18 (0.76) | Caballero19 (0.74) | SchuttFSW09 (0.73) |
| SchuttCSW12 R&C | GuSW12 (0.59) | GuSS13 (0.66) | KreterSS15 (0.70) | GuSSWC14 (0.72) | SchuttFSW11 (0.78) |
| Euclid | GuSW12 (0.23) | SchuttS16 (0.24) | abs-1009-0347 (0.25) | GuSS13 (0.25) | BofillCSV17 (0.26) |
| Dot | Schutt11 (109.00) | SchuttFSW11 (107.00) | Godet21a (107.00) | Lombardi10 (105.00) | Caballero19 (104.00) |
| Cosine | abs-1009-0347 (0.82) | SchuttS16 (0.82) | GuSW12 (0.81) | SchnellH15 (0.78) | SchuttFSW09 (0.78) |
| SchuttFS13 R&C | KreterSS15 (0.68) | SzerediS16 (0.72) | SchuttFS13a (0.76) | SchuttCSW12 (0.82) | SialaAH15 (0.82) |
| Euclid | SialaAH15 (0.27) | FontaineMH16 (0.31) | HentenryckM04 (0.31) | KovacsV06 (0.33) | HeipckeCCS00 (0.33) |
| Dot | Lombardi10 (152.00) | Schutt11 (149.00) | Godet21a (146.00) | Siala15a (141.00) | Baptiste02 (140.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | SialaAH15 (0.82) | HentenryckM04 (0.76) | FontaineMH16 (0.75) | VilimLS15 (0.75) | Bit-Monnot23 (0.74) |
| SchuttFS13a R&C | SchuttFSW15 (0.68) | SchuttFSW11 (0.68) | OuelletQ13 (0.70) | Vilim11 (0.70) | SchuttW10 (0.70) |
| Euclid | SchuttFSW11 (0.26) | SchuttFSW09 (0.29) | abs-1009-0347 (0.29) | Vilim11 (0.30) | OuelletQ18 (0.31) |
| Dot | Schutt11 (183.00) | Lombardi10 (163.00) | SchuttFSW11 (162.00) | Caballero19 (159.00) | Baptiste02 (155.00) |
| Cosine | SchuttFSW11 (0.88) | abs-1009-0347 (0.81) | SchuttFSW09 (0.81) | Vilim11 (0.79) | Caballero19 (0.79) |
| SchuttFSW09 R&C | SchuttFSW11 (0.63) | HeinzS11 (0.86) | SchuttFS13a (0.88) | SchuttCSW12 (0.88) | Vilim09 (0.88) |
| Euclid | abs-1009-0347 (0.23) | SchuttFSW13 (0.26) | SchuttFSW11 (0.26) | SchuttCSW12 (0.27) | SchuttFS13a (0.29) |
| Dot | Schutt11 (148.00) | SchuttFSW11 (139.00) | Godet21a (136.00) | Lombardi10 (131.00) | Caballero19 (124.00) |
| Cosine | SchuttFSW11 (0.88) | abs-1009-0347 (0.85) | SchuttFSW13 (0.83) | SchuttFS13a (0.81) | SchuttCSW12 (0.78) |
| SchuttFSW11 R&C | SchuttFSW09 (0.63) | SchuttFS13a (0.68) | SchuttFSW13 (0.71) | SchuttW10 (0.75) | SchuttCSW12 (0.78) |
| Euclid | SchuttFSW09 (0.26) | SchuttFS13a (0.26) | abs-1009-0347 (0.31) | SchuttFSW13 (0.35) | LiessM08 (0.35) |
| Dot | Schutt11 (217.00) | Lombardi10 (191.00) | Baptiste02 (179.00) | Dejemeppe16 (177.00) | Godet21a (176.00) |
| Cosine | SchuttFSW09 (0.88) | SchuttFS13a (0.88) | Schutt11 (0.83) | abs-1009-0347 (0.82) | SchuttFSW13 (0.77) |
| SchuttFSW13 R&C | SchuttFSW15 (0.64) | SchuttFSW11 (0.71) | SchuttFS13a (0.77) | KreterSS15 (0.78) | SchuttCSW12 (0.78) |
| Euclid | abs-1009-0347 (0.19) | SchuttFSW09 (0.26) | BofillCSV17a (0.27) | SchuttS16 (0.29) | SchuttCSW12 (0.30) |
| Dot | Schutt11 (162.00) | Caballero19 (147.00) | Godet21a (146.00) | Lombardi10 (141.00) | SchuttFSW11 (135.00) |
| Cosine | abs-1009-0347 (0.91) | SchuttFSW09 (0.83) | BofillCSV17a (0.81) | KreterSSZ18 (0.80) | SchuttS16 (0.79) |
| SchuttFSW15 R&C | SchuttFSW13 (0.64) | SchuttFS13a (0.68) | KreterSS15 (0.76) | GuSSWC14 (0.80) | KreterSS17 (0.80) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| SchuttS16 R&C | BeldiceanuP07 (0.79) | KovacsV06 (0.80) | CauwelaertDS20 (0.80) | SzerediS16 (0.81) | KreterSS17 (0.83) |
| Euclid | SchuttCSW12 (0.24) | YoungFS17 (0.27) | BofillCSV17a (0.27) | BofillCSV17 (0.27) | abs-1009-0347 (0.28) |
| Dot | Godet21a (127.00) | Schutt11 (124.00) | Lombardi10 (121.00) | Caballero19 (119.00) | Beck99 (115.00) |
| Cosine | SchuttCSW12 (0.82) | YoungFS17 (0.80) | abs-1009-0347 (0.80) | SchuttFSW13 (0.79) | SzerediS16 (0.77) |
| SchuttW10 R&C | Vilim09 (0.57) | OuelletQ13 (0.62) | KameugneF13 (0.62) | Vilim11 (0.63) | KameugneFSN11 (0.63) |
| Euclid | SchuttWS05 (0.25) | KameugneFSN11 (0.26) | KameugneFSN14 (0.28) | OuelletQ18 (0.29) | KameugneFGOQ18 (0.29) |
| Dot | Schutt11 (124.00) | Baptiste02 (120.00) | Fahimi16 (118.00) | Dejemeppe16 (115.00) | Lombardi10 (114.00) |
| Cosine | KameugneFSN11 (0.81) | SchuttWS05 (0.80) | KameugneFSN14 (0.80) | KameugneFGOQ18 (0.78) | KameugneFND23 (0.77) |
| SchuttWS05 R&C | WolfS05 (0.45) | SchuttW10 (0.67) | MercierH08 (0.76) | KameugneFGOQ18 (0.79) | Tesch16 (0.80) |
| Euclid | BeldiceanuP07 (0.23) | PoderB08 (0.24) | MercierH08 (0.24) | SchuttW10 (0.25) | BockmayrP06 (0.25) |
| Dot | Baptiste02 (104.00) | Dejemeppe16 (100.00) | Beck99 (97.00) | Lombardi10 (96.00) | Groleaz21 (96.00) |
| Cosine | SchuttW10 (0.80) | MercierH08 (0.78) | BeldiceanuP07 (0.78) | PoderB08 (0.76) | Hooker05a (0.75) |
| SenderovichBB19 R&C | | | | | |
| Euclid | BeckPS03 (0.30) | PacinoH11 (0.32) | TanSD10 (0.33) | VilimBC04 (0.33) | LombardiBM15 (0.33) |
| Dot | Dejemeppe16 (155.00) | ZarandiASC20 (149.00) | Lombardi10 (144.00) | Lunardi20 (139.00) | Astrand21 (138.00) |
| Cosine | BeckPS03 (0.79) | DejemeppeCS15 (0.74) | PacinoH11 (0.74) | TanSD10 (0.74) | Wolf05 (0.73) |
| SerraNM12 R&C | DavenportKRSH07 (0.90) | WatsonB08 (0.92) | SimoninAHL15 (0.92) | BeldiceanuP07 (0.93) | BeckFW11 (0.94) |
| Euclid | ZibranR11a (0.30) | KhemmoudjPB06 (0.30) | GilesH16 (0.30) | ZibranR11 (0.31) | PoderB08 (0.31) |
| Dot | Beck99 (102.00) | Lombardi10 (102.00) | Dejemeppe16 (101.00) | Groleaz21 (99.00) | LaborieRSV18 (97.00) |
| Cosine | AalianPG23 (0.69) | GoelSHFS15 (0.69) | KhemmoudjPB06 (0.68) | GilesH16 (0.68) | ZibranR11a (0.67) |
| ShaikhK23 R&C | | | | | |
| Euclid | PesantGPR99 (0.26) | Puget95 (0.26) | Caseau97 (0.26) | CrawfordB94 (0.26) | LauLN08 (0.27) |
| Dot | ZarandiASC20 (97.00) | Astrand21 (91.00) | Beck99 (88.00) | Lemos21 (86.00) | Groleaz21 (82.00) |
| Cosine | Salido10 (0.68) | PesantGPR99 (0.68) | BorghesiBLMB18 (0.67) | Puget95 (0.66) | DemirovicS18 (0.66) |
| ShiYXQ22 R&C | ZhuSZW23 (0.73) | ZhangYW21 (0.84) | NaderiBZ22a (0.85) | ColT19 (0.91) | LunardiBLRV20 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ShinBBHO18 R&C | BourdaisGP03 (0.97) | FrohnerTR19 (0.97) | HoYCLLCLC18 (0.98) | AntunesABD20 (0.98) | Tom19 (0.98) |
| Euclid | HoYCLLCLC18 (0.24) | LuoVLBM16 (0.29) | WeilHFP95 (0.30) | BourdaisGP03 (0.31) | LudwigKRBMS14 (0.31) |
| Dot | Dejemeppe16 (87.00) | ZarandiASC20 (83.00) | SenderovichBB19 (75.00) | Wolf11 (72.00) | Astrand21 (70.00) |
| Cosine | HoYCLLCLC18 (0.76) | WeilHFP95 (0.64) | SenderovichBB19 (0.63) | LuoVLBM16 (0.63) | Wolf11 (0.62) |
| Siala15 R&C | OhrimenkoSC09 (0.99) | | | | |
| Euclid | Siala15a (0.29) | GrimesHM09 (0.52) | Bit-Monnot23 (0.52) | SialaAH15 (0.53) | FocacciLN00 (0.53) |
| Dot | Siala15a (302.00) | Malapert11 (196.00) | Dejemeppe16 (193.00) | Godet21a (178.00) | Groleaz21 (177.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Siala15a (0.92) | GrimesHM09 (0.62) | Bit-Monnot23 (0.62) | FocacciLN00 (0.60) | SialaAH15 (0.60) |
| Siala15a R&C | | | | | |
| Euclid | Siala15 (0.29) | Bit-Monnot23 (0.53) | SialaAH15 (0.55) | GrimesHM09 (0.58) | GrimesH10 (0.58) |
| Dot | Siala15 (302.00) | Dejemeppe16 (232.00) | Malapert11 (230.00) | Godet21a (224.00) | Groleaz21 (219.00) |
| Cosine | Siala15 (0.92) | Bit-Monnot23 (0.68) | SialaAH15 (0.67) | Elkhyari03 (0.62) | GrimesHM09 (0.62) |
| SialaAH15 R&C | KreterSS15 (0.79) | SchuttFS13 (0.82) | SzerediS16 (0.83) | SchuttCSW12 (0.85) | GrimesHM09 (0.88) |
| Euclid | SchuttFS13 (0.27) | FontaineMH16 (0.27) | HeipckeCCS00 (0.28) | CarchraeB09 (0.28) | KovacsV06 (0.28) |
| Dot | Siala15a (143.00) | Godet21a (142.00) | Baptiste02 (137.00) | Schutt11 (133.00) | Groleaz21 (131.00) |
| Cosine | SchuttFS13 (0.82) | Bit-Monnot23 (0.81) | VilimLS15 (0.79) | FontaineMH16 (0.78) | CarchraeB09 (0.78) |
| SimoninAHL12 R&C | SimoninAHL15 (0.62) | BeldiceanuC02 (0.82) | Simonis07 (0.84) | WolfS05a (0.86) | LetortCB15 (0.86) |
| Euclid | SimoninAHL15 (0.18) | PoderB08 (0.22) | WolfS05 (0.23) | Bonfietti16 (0.23) | BeldiceanuP07 (0.24) |
| Dot | Lombardi10 (96.00) | Schutt11 (94.00) | Fahimi16 (93.00) | Godet21a (92.00) | Malapert11 (91.00) |
| Cosine | SimoninAHL15 (0.88) | PoderB08 (0.79) | WolfS05 (0.77) | Bonfietti16 (0.76) | BeldiceanuP07 (0.76) |
| SimoninAHL15 R&C | SimoninAHL12 (0.62) | DavenportKRSH07 (0.86) | Simonis95 (0.88) | Geske05 (0.88) | AggounV04 (0.89) |
| Euclid | SimoninAHL12 (0.18) | BeldiceanuP07 (0.23) | PoderB08 (0.23) | WolfS05 (0.24) | LudwigKRBMS14 (0.25) |
| Dot | Malapert11 (99.00) | Lombardi10 (97.00) | Godet21a (96.00) | Schutt11 (95.00) | Groleaz21 (93.00) |
| Cosine | SimoninAHL12 (0.88) | BeldiceanuP07 (0.79) | PoderB08 (0.77) | WolfS05 (0.77) | LozanoCDS12 (0.74) |
| Simonis07 R&C | SimoninAHL12 (0.84) | Simonis99 (0.86) | BosiM2001 (0.86) | SimonisCK00 (0.86) | SimonisC95 (0.88) |
| Euclid | Simonis99 (0.40) | HarjunkoskiG02 (0.42) | BockmayrP06 (0.42) | Simonis95a (0.43) | JainG01 (0.43) |
| Dot | Dejemeppe16 (168.00) | ZarandiASC20 (165.00) | Malapert11 (159.00) | Fahimi16 (148.00) | Baptiste02 (145.00) |
| Cosine | Simonis99 (0.72) | HarjunkoskiG02 (0.67) | BockmayrP06 (0.66) | JainG01 (0.66) | Simonis95a (0.65) |
| Simonis95 R&C | Simonis95a (0.68) | AggounV04 (0.71) | SimonisCK00 (0.75) | SimonisC95 (0.82) | BeldiceanuCDP11 (0.82) |
| Euclid | DincbasS91 (0.24) | FalaschiGMP97 (0.24) | Simonis95a (0.25) | Touraivane95 (0.25) | CestaOS98 (0.25) |
| Dot | Simonis99 (74.00) | Simonis95a (67.00) | Simonis07 (65.00) | BeldiceanuC94 (65.00) | Wallace96 (64.00) |
| Cosine | Simonis95a (0.81) | SimonisCK00 (0.73) | BeldiceanuC94 (0.73) | Simonis99 (0.72) | GruianK98 (0.70) |
| Simonis95a R&C | Simonis99 (0.63) | Simonis95 (0.68) | SimonisC95 (0.75) | Goltz95 (0.79) | AggounV04 (0.88) |
| Euclid | Simonis95 (0.25) | Simonis99 (0.26) | SimonisC95 (0.28) | GruianK98 (0.29) | DincbasSH90 (0.30) |
| Dot | Simonis99 (129.00) | Wallace96 (104.00) | Simonis07 (104.00) | Beck99 (104.00) | Lombardi10 (97.00) |
| Cosine | Simonis99 (0.87) | Simonis95 (0.81) | SimonisC95 (0.78) | Wallace96 (0.74) | GruianK98 (0.73) |
| Simonis99 R&C | Simonis95a (0.63) | SimonisCK00 (0.81) | SimonisC95 (0.81) | Goltz95 (0.84) | MilanoORT02 (0.85) |
| Euclid | Simonis95a (0.26) | SimonisC95 (0.35) | SimonisCK00 (0.36) | Simonis95 (0.37) | Wallace96 (0.37) |
| Dot | Malapert11 (147.00) | Simonis07 (143.00) | Beck99 (141.00) | Schutt11 (137.00) | Lombardi10 (136.00) |
| Cosine | Simonis95a (0.87) | SimonisC95 (0.74) | Wallace96 (0.73) | Simonis95 (0.72) | SimonisCK00 (0.72) |
| SimonisC95 R&C | Simonis95a (0.75) | SimonisCK00 (0.77) | Simonis99 (0.81) | Simonis95 (0.82) | AggounV04 (0.83) |
| Euclid | Simonis95a (0.28) | Goltz95 (0.29) | Simonis95 (0.30) | PoderBS04 (0.31) | SimonisCK00 (0.32) |
| Dot | Simonis99 (111.00) | Simonis07 (100.00) | Beck99 (100.00) | BosiM2001 (99.00) | Malapert11 (98.00) |
| Cosine | Simonis95a (0.78) | Goltz95 (0.75) | Simonis99 (0.74) | Simonis95 (0.70) | SimonisCK00 (0.69) |
| SimonisCK00 R&C | Simonis95 (0.75) | Geske05 (0.75) | SimonisC95 (0.77) | AggounV04 (0.78) | Simonis99 (0.81) |
| Euclid | Simonis95 (0.26) | PoderB08 (0.28) | PoderBS04 (0.28) | WolfS05 (0.29) | BockmayrP06 (0.30) |
| Dot | Simonis99 (98.00) | Simonis07 (94.00) | Malapert11 (94.00) | LaborieRSV18 (82.00) | Godet21a (82.00) |
| Cosine | Simonis95 (0.73) | Simonis99 (0.72) | PoderBS04 (0.72) | BeldiceanuC94 (0.69) | PoderB08 (0.69) |
| SimonisH11 R&C | OuelletQ13 (0.74) | HoundjiSWD14 (0.75) | Vilim09 (0.77) | LetortCB15 (0.83) | KameugneFSN11 (0.83) |
| Euclid | PoderB08 (0.20) | WolfS05 (0.20) | BeldiceanuP07 (0.20) | BeniniBGM05a (0.23) | Caseau97 (0.24) |
| Dot | Malapert11 (74.00) | Dejemeppe16 (69.00) | Fahimi16 (68.00) | Beck99 (67.00) | Baptiste02 (67.00) |
| Cosine | WolfS05 (0.81) | PoderB08 (0.80) | BeldiceanuP07 (0.80) | PoderBS04 (0.74) | BeldiceanuC02 (0.73) |
| SmithBHW96 R&C | Darby-DowmanLMZ97 (0.69) | DarbyDowmanL98 (0.82) | NuijtenA96 (0.89) | RodosekWH99 (0.91) | DincbasSH90 (0.91) |
| Euclid | FeldmanG89 (0.20) | AbrilSB05 (0.21) | FrostD98 (0.22) | GelainPRVW17 (0.22) | ZhangLS12 (0.22) |
| Dot | Baptiste02 (49.00) | ZarandiASC20 (45.00) | Wallace96 (44.00) | BartakSR10 (44.00) | Lemos21 (44.00) |
| Cosine | BartakS11 (0.69) | Bartak02 (0.66) | ZhangLS12 (0.65) | GelainPRVW17 (0.64) | GarridoOS08 (0.64) |
| SmithC93 R&C | | | | | |
| Euclid | OddiS97 (0.18) | FoxAS82 (0.22) | CrawfordB94 (0.24) | ValleMGT03 (0.25) | LauLN08 (0.25) |
| Dot | ZarandiASC20 (100.00) | Groleaz21 (98.00) | Dejemeppe16 (94.00) | Astrand21 (92.00) | Beck99 (92.00) |
| Cosine | OddiS97 (0.86) | SadehF96 (0.81) | FoxAS82 (0.78) | CestaOF99 (0.76) | BeckPS03 (0.76) |
| SourdN00 R&C | TorresL00 (0.72) | DorndorfHP99 (0.76) | MonetteDD07 (0.81) | DorndorfPH99 (0.81) | TanSD10 (0.84) |
| Euclid | MenciaSV13 (0.28) | MenciaSV12 (0.29) | NuijtenA96 (0.30) | NuijtenP98 (0.31) | ArtiguesBF04 (0.31) |
| Dot | Baptiste02 (178.00) | Groleaz21 (156.00) | Malapert11 (151.00) | ZarandiASC20 (149.00) | Godet21a (147.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | MenciaSV12 (0.82) | MenciaSV13 (0.82) | NuijtenP98 (0.79) | NuijtenA96 (0.78) | BartakSR08 (0.78) |
| SquillaciPR23 R&C | BartoliniBBLM14 (0.95) | ParkUJR19 (0.95) | GilesH16 (0.96) | ZhangYW21 (0.96) | Laborie18a (0.97) |
| Euclid | KucukY19 (0.26) | VerfaillieL01 (0.31) | FrankDT16 (0.32) | ZibranR11 (0.32) | ZibranR11a (0.33) |
| Dot | Groleaz21 (81.00) | Lemos21 (80.00) | LaborieRSV18 (78.00) | Astrand21 (74.00) | ZarandiASC20 (73.00) |
| Cosine | KucukY19 (0.73) | VerfaillieL01 (0.64) | PraletLJ15 (0.59) | AlesioBNG15 (0.59) | FrankDT16 (0.57) |
| StidsenKM96 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| SuCC13 R&C | CarlssonJL17 (0.74) | ZengM12 (0.82) | Trick11 (0.86) | LarsonJC14 (0.87) | Ribeiro12 (0.89) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| SubulanC22 R&C | YuraszeckMPV22 (0.91) | HauderBRPA20 (0.92) | ArkhipovBL19 (0.93) | SchnellH17 (0.94) | ZouZ20 (0.96) |
| Euclid | HubnerGSV21 (0.36) | LombardiM09 (0.40) | CampeauG22 (0.40) | QuirogaZH05 (0.41) | ZouZ20 (0.42) |
| Dot | ZarandiASC20 (189.00) | Groleaz21 (173.00) | Lombardi10 (168.00) | Astrand21 (166.00) | Lunardi20 (165.00) |
| Cosine | HubnerGSV21 (0.77) | abs-1902-09244 (0.69) | LombardiM09 (0.69) | AfsarVPG23 (0.68) | CampeauG22 (0.68) |
| SultanikMR07 R&C | | | | | |
| Euclid | Hunsberger08 (0.22) | GomesHS06 (0.25) | ElhouraniDM07 (0.25) | SunLYL10 (0.26) | HoeveGSL07 (0.26) |
| Dot | Lemos21 (75.00) | Dejemeppe16 (73.00) | ZarandiASC20 (70.00) | Godet21a (70.00) | Beck99 (70.00) |
| Cosine | Hunsberger08 (0.76) | HoeveGSL07 (0.70) | GomesHS06 (0.67) | LozanoCDS12 (0.67) | ElhouraniDM07 (0.66) |
| SunLYL10 R&C | CambazardHDJT04 (0.90) | HladikCDJ08 (0.94) | AlesioNBG14 (0.96) | LiuW11 (0.98) | AlesioBNG15 (0.98) |
| Euclid | Hunsberger08 (0.17) | GomesHS06 (0.19) | AngelsmarkJ00 (0.21) | CarchraeBF05 (0.22) | BarlattCG08 (0.22) |
| Dot | Groleaz21 (56.00) | Lombardi10 (53.00) | HarjunkoskiMBC14 (52.00) | HladikCDJ08 (52.00) | ZarandiASC20 (51.00) |
| Cosine | Hunsberger08 (0.79) | GomesHS06 (0.72) | LozanoCDS12 (0.68) | RoweJCA96 (0.67) | AkramNHRSA23 (0.66) |
| SunTB19 R&C | QinDCS20 (0.71) | UnsalO13 (0.75) | CireCH16 (0.85) | CobanH11 (0.86) | UnsalO19 (0.87) |
| Euclid | CorreaLR07 (0.32) | CireCH13 (0.33) | LipovetzkyBPS14 (0.33) | CireCH16 (0.35) | BeniniLMMR08 (0.35) |
| Dot | Lombardi10 (114.00) | UnsalO13 (107.00) | ZhuSZW23 (106.00) | QinDCS20 (106.00) | Groleaz21 (106.00) |
| Cosine | CorreaLR07 (0.70) | QinDCS20 (0.70) | UnsalO13 (0.69) | EmeretlisTAV17 (0.67) | LipovetzkyBPS14 (0.67) |
| SureshMOK06 R&C | | | | | |
| Euclid | Davis87 (0.27) | Hunsberger08 (0.27) | AngelsmarkJ00 (0.27) | RoweJCA96 (0.27) | SunLYL10 (0.28) |
| Dot | ZarandiASC20 (74.00) | Groleaz21 (72.00) | Beck99 (68.00) | Lombardi10 (66.00) | Froger16 (66.00) |
| Cosine | TranPZLDB18 (0.64) | BarbulescuWH04 (0.63) | RoweJCA96 (0.61) | IfrimOS12 (0.60) | WuBB09 (0.60) |
| SvancaraB22 R&C | | | | | |
| Euclid | WallaceF00 (0.26) | FortinZDF05 (0.26) | RodriguezDG02 (0.26) | Hunsberger08 (0.26) | AngelsmarkJ00 (0.27) |
| Dot | ZarandiASC20 (82.00) | LaborieRSV18 (72.00) | Lemos21 (70.00) | Beck99 (66.00) | Fahimi16 (66.00) |
| Cosine | TranVNB17 (0.67) | BehrensLM19 (0.66) | FortinZDF05 (0.66) | RodriguezDG02 (0.64) | abs-1901-07914 (0.62) |
| SzerediS16 R&C | YoungFS17 (0.57) | KreterSS15 (0.68) | SchuttFS13 (0.72) | SchnellH15 (0.79) | GeibingerMM19 (0.80) |
| Euclid | YoungFS17 (0.21) | BofillCSV17 (0.25) | AmadiniGM16 (0.28) | BofillCSV17a (0.28) | SchuttS16 (0.29) |
| Dot | Godet21a (130.00) | Caballero19 (125.00) | PovedaAA23 (122.00) | BoudreaultSLQ22 (122.00) | Schutt11 (122.00) |
| Cosine | YoungFS17 (0.88) | BofillCSV17 (0.81) | KreterSSZ18 (0.79) | SchnellH15 (0.78) | KreterSS15 (0.77) |
| TanSD10 R&C | MonetteDD07 (0.83) | DorndorfHP99 (0.84) | SourdN00 (0.84) | LiuGT10 (0.85) | BaptisteLPN06 (0.86) |
| Euclid | WatsonB08 (0.23) | BeckFW11 (0.24) | ArtiguesBF04 (0.26) | ArtiguesF07 (0.26) | VilimBC04 (0.27) |
| Dot | Baptiste02 (128.00) | Groleaz21 (127.00) | Schutt11 (126.00) | Malapert11 (125.00) | Fahimi16 (125.00) |
| Cosine | WatsonB08 (0.84) | BeckFW11 (0.83) | ArtiguesF07 (0.82) | ArtiguesBF04 (0.82) | MenciaSV13 (0.80) |
| TanT18 R&C | EmeretlisTAV17 (0.77) | CobanH11 (0.88) | MartnezAJ22 (0.88) | CireCH16 (0.89) | NaderiRBAU21 (0.89) |
| Euclid | BillautHL12 (0.33) | Mehdizadeh-Somarin23 (0.33) | ArtiguesBF04 (0.33) | GuyonLPR12 (0.33) | TranB12 (0.33) |
| Dot | NaderiRR23 (137.00) | Groleaz21 (137.00) | ZarandiASC20 (131.00) | Baptiste02 (131.00) | JuvinHL22 (128.00) |
| Cosine | JuvinHL22 (0.77) | NaderiBZ22a (0.74) | TranB12 (0.74) | ZhuSZW23 (0.74) | GuyonLPR12 (0.74) |
| TanZWGQ19 R&C | CobanH10 (0.94) | HamdiL13 (0.94) | ChuX05 (0.94) | GongLMW09 (0.94) | ZeballosM09 (0.94) |
| Euclid | CzerniachowskaWZ23 (0.33) | JuvinHL23 (0.33) | Limtanyakul07 (0.33) | BarlattCG08 (0.34) | LauLN08 (0.34) |
| Dot | Lunardi20 (135.00) | ZarandiASC20 (124.00) | Astrand21 (111.00) | MengZRZL20 (111.00) | Groleaz21 (111.00) |
| Cosine | CzerniachowskaWZ23 (0.76) | MurinR19 (0.70) | NaderiBZ23 (0.68) | Ham18a (0.68) | NaderiBZ22 (0.68) |
| TangB20 R&C | KoschB14 (0.83) | ArmstrongGOS21 (0.86) | MalapertGR12 (0.86) | CappartS17 (0.88) | HamFC17 (0.88) |
| Euclid | Beck10 (0.35) | HamdiL13 (0.35) | BajestaniB11 (0.36) | Limtanyakul07 (0.36) | CireCH13 (0.37) |
| Dot | ZarandiASC20 (112.00) | Malapert11 (111.00) | Dejemeppe16 (109.00) | Lunardi20 (106.00) | LaborieRSV18 (105.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | HamdiL13 (0.68) | Beck10 (0.66) | BajestaniB11 (0.63) | ParkUJR19 (0.63) | KoschB14 (0.63) |
| TangLWSK18 R&C | ZouZ20 (0.80) | LiuW11 (0.93) | QuirogaZH05 (0.95) | KovacsV04 (0.95) | GedikKBR17 (0.95) |
| Euclid | ZouZ20 (0.31) | ZibranR11a (0.32) | Salido10 (0.33) | KamarainenS02 (0.34) | BhatnagarKL19 (0.34) |
| Dot | ZarandiASC20 (144.00) | Lombardi10 (121.00) | Dejemeppe16 (118.00) | Lemos21 (112.00) | Groleaz21 (112.00) |
| Cosine | ZouZ20 (0.73) | ZibranR11a (0.70) | Salido10 (0.68) | LiuW11 (0.66) | KamarainenS02 (0.66) |
| TardivoDFMP23 R&C | OuelletQ18 (0.76) | OuelletQ13 (0.77) | Tesch18 (0.78) | GayHS15a (0.79) | Tesch16 (0.80) |
| Euclid | GayHS15a (0.31) | Vilim11 (0.32) | OuelletQ18 (0.32) | KameugneFSN14 (0.36) | KameugneFSN11 (0.36) |
| Dot | Fahimi16 (154.00) | Schutt11 (146.00) | Dejemeppe16 (137.00) | Kameugne14 (132.00) | Baptiste02 (131.00) |
| Cosine | GayHS15a (0.77) | Vilim11 (0.76) | OuelletQ18 (0.75) | KameugneFSN14 (0.72) | SchuttFS13a (0.72) |
| Tassel22 R&C | | | | | |
| Euclid | IklassovMR023 (0.27) | HebrardTW05 (0.28) | AngelsmarkJ00 (0.28) | LauLN08 (0.28) | BarlattCG08 (0.29) |
| Dot | abs-2211-14492 (85.00) | Groleaz21 (84.00) | ZarandiASC20 (83.00) | MullerMKP22 (81.00) | KovacsTKSG21 (79.00) |
| Cosine | IklassovMR023 (0.73) | KovacsTKSG21 (0.70) | abs-2211-14492 (0.68) | CarchraeB09 (0.67) | BeckFW11 (0.67) |
| TasselGS23 R&C | | | | | |
| Euclid | abs-2306-05747 (0.00) | BeckFW11 (0.30) | CarchraeB09 (0.30) | IklassovMR023 (0.30) | WatsonB08 (0.30) |
| Dot | abs-2306-05747 (145.00) | ZarandiASC20 (143.00) | Groleaz21 (142.00) | ColT22 (134.00) | Lunardi20 (132.00) |
| Cosine | abs-2306-05747 (1.00) | BeckFW11 (0.78) | CarchraeB09 (0.77) | IklassovMR023 (0.77) | WatsonB08 (0.76) |
| Tay92 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Teppan22 R&C | | | | | |
| Euclid | abs-2102-08778 (0.27) | HamP21 (0.29) | WatsonB08 (0.30) | TanSD10 (0.31) | JuvinHL23 (0.31) |
| Dot | ZarandiASC20 (127.00) | ColT22 (126.00) | Lunardi20 (122.00) | Baptiste02 (122.00) | Groleaz21 (119.00) |
| Cosine | abs-2102-08778 (0.78) | HamP21 (0.78) | YuraszeckMCCR23 (0.73) | JuvinHL22 (0.73) | abs-2306-05747 (0.73) |
| TerekhovDOB12 R&C | CireCH13 (0.88) | HamdiL13 (0.88) | TrojetHL11 (0.90) | AgussurjaKL18 (0.92) | CobanH10 (0.92) |
| Euclid | KovacsB11 (0.37) | BeckR03 (0.37) | BeckPS03 (0.38) | TouatBT22 (0.39) | MonetteDH09 (0.39) |
| Dot | ZarandiASC20 (204.00) | Groleaz21 (202.00) | Baptiste02 (199.00) | Dejemeppe16 (177.00) | PrataAN23 (175.00) |
| Cosine | KovacsB11 (0.76) | BeckR03 (0.75) | TouatBT22 (0.74) | PrataAN23 (0.73) | OrnekO16 (0.72) |
| TerekhovTDB14 R&C | NovasH12 (0.97) | WuBB09 (0.98) | BidotVLB09 (0.99) | Hooker05 (0.99) | HarjunkoskiMBC14 (1.00) |
| Euclid | ParkUJR19 (0.33) | TranTDB13 (0.34) | Mehdizadeh-Somarin23 (0.36) | ZhouGL15 (0.37) | TranPZLDB18 (0.37) |
| Dot | ZarandiASC20 (189.00) | Groleaz21 (179.00) | Baptiste02 (160.00) | PrataAN23 (158.00) | Astrand21 (158.00) |
| Cosine | ParkUJR19 (0.77) | TranTDB13 (0.75) | Mehdizadeh-Somarin23 (0.73) | ZhouGL15 (0.73) | TranPZLDB18 (0.71) |
| Tesch16 R&C | Tesch18 (0.55) | KameugneFGOQ18 (0.61) | OuelletQ13 (0.63) | OuelletQ18 (0.63) | KameugneF13 (0.69) |
| Euclid | DerrienP14 (0.26) | HeinzS11 (0.27) | Tesch18 (0.27) | BertholdHLMS10 (0.27) | WolfS05 (0.28) |
| Dot | Fahimi16 (102.00) | Schutt11 (101.00) | Tesch18 (100.00) | Lombardi10 (94.00) | Kameugne14 (94.00) |
| Cosine | Tesch18 (0.82) | HeinzS11 (0.75) | DerrienP14 (0.75) | DerrienPZ14 (0.72) | BertholdHLMS10 (0.71) |
| Tesch18 R&C | OuelletQ18 (0.38) | Tesch16 (0.55) | OuelletQ13 (0.62) | KameugneF13 (0.65) | KameugneFGOQ18 (0.68) |
| Euclid | Tesch16 (0.27) | CarlierPSJ20 (0.30) | HanenKP21 (0.30) | Limtanyakul07 (0.32) | KameugneFSN11 (0.32) |
| Dot | Baptiste02 (147.00) | Fahimi16 (143.00) | Lombardi10 (138.00) | Schutt11 (134.00) | Dejemeppe16 (132.00) |
| Cosine | Tesch16 (0.82) | HanenKP21 (0.78) | CarlierPSJ20 (0.77) | KameugneFSN11 (0.74) | Limtanyakul07 (0.74) |
| ThiruvadyBME09 R&C | MeyerE04 (0.80) | ZhangLS12 (0.93) | QuirogaZH05 (0.93) | Geske05 (0.93) | EvenSH15 (0.94) |
| Euclid | MeyerE04 (0.27) | Limtanyakul07 (0.29) | BenediktSMVH18 (0.30) | Sadykov04 (0.30) | Hooker17 (0.31) |
| Dot | Groleaz21 (114.00) | ZarandiASC20 (108.00) | Lunardi20 (95.00) | Astrand21 (94.00) | PrataAN23 (92.00) |
| Cosine | MeyerE04 (0.78) | BillautHL12 (0.65) | Limtanyakul07 (0.65) | YuraszeckMC23 (0.65) | TranAB16 (0.65) |
| ThiruvadyWGS14 R&C | GuSS13 (0.74) | GuSSWC14 (0.85) | GuSW12 (0.88) | SchuttCSW12 (0.92) | SchnellH15 (0.93) |
| Euclid | GuSS13 (0.29) | GuSW12 (0.29) | BeniniBGM05a (0.31) | KovacsV06 (0.32) | HeipckeCCS00 (0.33) |
| Dot | ZarandiASC20 (137.00) | Groleaz21 (129.00) | Dejemeppe16 (117.00) | Lombardi10 (116.00) | IsikYA23 (111.00) |
| Cosine | GuSS13 (0.73) | GuSW12 (0.72) | abs-2402-00459 (0.72) | HillTV21 (0.68) | KovacsV06 (0.67) |
| ThomasKS20 R&C | CappartTSR18 (0.85) | MurinR19 (0.87) | LaborieRSV18 (0.92) | Laborie18a (0.92) | ColT2019a (0.92) |
| Euclid | CappartTSR18 (0.22) | ZibranR11 (0.29) | ZibranR11a (0.30) | ChapadosJR11 (0.30) | TranVNB17a (0.31) |
| Dot | Dejemeppe16 (95.00) | CappartTSR18 (94.00) | LaborieRSV18 (89.00) | Groleaz21 (81.00) | SacramentoSP20 (78.00) |
| Cosine | CappartTSR18 (0.86) | GoelSHFS15 (0.67) | DejemeppeD14 (0.65) | AalianPG23 (0.63) | ZibranR11a (0.63) |
| Thorsteinsson01 R&C | Hooker04 (0.72) | JainG01 (0.74) | Hooker05b (0.76) | Hooker05 (0.77) | CambazardHDJT04 (0.78) |
| Euclid | HookerO03 (0.21) | HookerY02 (0.26) | BockmayrP06 (0.27) | Hooker05a (0.27) | CireCH13 (0.27) |
| Dot | HookerH17 (97.00) | Baptiste02 (90.00) | Lombardi10 (89.00) | MilanoW06 (87.00) | MilanoW09 (86.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | HookerO03 (0.83) | Hooker06 (0.73) | JainG01 (0.73) | HamdiL13 (0.72) | Hooker05a (0.72) |
| Timpe02 R&C | Hooker06 (0.87) | MaraveliasG04 (0.88) | ChuX05 (0.89) | Hooker05a (0.90) | CambazardHDJT04 (0.91) |
| Euclid | BockmayrP06 (0.28) | GilesH16 (0.29) | AstrandJZ18 (0.30) | PoderBS04 (0.31) | abs-2312-13682 (0.31) |
| Dot | LaborieRSV18 (94.00) | Beck99 (93.00) | Astrand21 (92.00) | ZarandiASC20 (91.00) | Malapert11 (91.00) |
| Cosine | BockmayrP06 (0.70) | GilesH16 (0.68) | AstrandJZ18 (0.68) | MaraveliasCG04 (0.67) | DavenportKRSH07 (0.66) |
| Tom19 R&C | HoYCLLCLC18 (0.97) | MusliuSS18 (0.98) | AntunesABD18 (0.98) | ShinBBHO18 (0.98) | SubulanC22 (0.98) |
| Euclid | AngelsmarkJ00 (0.22) | Caseau97 (0.23) | BarlattCG08 (0.23) | BridiLBBM16 (0.24) | KovacsEKV05 (0.24) |
| Dot | ZarandiASC20 (87.00) | Dejemeppe16 (76.00) | Lunardi20 (74.00) | Astrand21 (73.00) | Beck99 (69.00) |
| Cosine | NovasH14 (0.70) | BridiLBBM16 (0.68) | Caseau97 (0.67) | Salido10 (0.67) | KhayatLR06 (0.66) |
| TopaloglуO11 R&C | EdisO11a (0.93) | Geske05 (0.94) | BosiM2001 (0.94) | Simonis07 (0.95) | Simonis99 (0.95) |
| Euclid | BourdaisGP03 (0.30) | DoulabiRP16 (0.31) | PesantGPR99 (0.31) | ZibranR11 (0.31) | ZibranR11a (0.31) |
| Dot | ZarandiASC20 (90.00) | Dejemeppe16 (85.00) | WangMD15 (82.00) | FrimodigECM23 (80.00) | Lemos21 (74.00) |
| Cosine | FrimodigECM23 (0.71) | WangMD15 (0.70) | DoulabiRP16 (0.67) | BourdaisGP03 (0.63) | GurEA19 (0.63) |
| TopaloglуSS12 R&C | BukchinR18 (0.80) | PinarbasiAY19 (0.82) | KizilayC20 (0.84) | OzturkTHO13 (0.85) | AlakaPY19 (0.87) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| TorresL00 R&C | SourdN00 (0.72) | VilimBC05 (0.78) | Vilim04 (0.78) | VilimBC04 (0.83) | DemasseyAM05 (0.85) |
| Euclid | KovacsV04 (0.28) | NuijtenA94 (0.29) | NuijtenA96 (0.29) | BartakSR08 (0.29) | Vilim05 (0.29) |
| Dot | Baptiste02 (159.00) | Fahimi16 (144.00) | Dejemeppe16 (143.00) | Lombardi10 (142.00) | Beck99 (141.00) |
| Cosine | BartakSR08 (0.81) | KovacsV04 (0.78) | NuijtenA94 (0.78) | NuijtenA96 (0.78) | Vilim05 (0.77) |
| TouatBT22 R&C | | | | | |
| Euclid | QuirogaZH05 (0.35) | LaborieR14 (0.35) | NovasH14 (0.35) | MonetteDH09 (0.36) | BeckPS03 (0.36) |
| Dot | ZarandiASC20 (185.00) | Groleaz21 (180.00) | Dejemeppe16 (167.00) | LaborieRSV18 (162.00) | Lunardi20 (160.00) |
| Cosine | LaborieR14 (0.74) | MonetteDH09 (0.74) | TerekhovDOB12 (0.74) | NovasH14 (0.73) | QuirogaZH05 (0.73) |
| Touraivane95 R&C | Puget95 (0.88) | Pape94 (0.99) | AggounB93 (0.99) | Davis87 (1.00) | MintonJPL92 (1.00) |
| Euclid | FalaschiGMP97 (0.13) | CarchraeBF05 (0.22) | Baptiste09 (0.22) | AngelsmarkJ00 (0.23) | ChapadosJR11 (0.23) |
| Dot | Simonis99 (45.00) | Wallace96 (44.00) | BosiM2001 (42.00) | MartinPY01 (41.00) | Simonis95a (40.00) |
| Cosine | FalaschiGMP97 (0.87) | MartinPY01 (0.69) | AbdennadherS99 (0.66) | PesantGPR99 (0.63) | Simonis95a (0.59) |
| TranAB16 R&C | HechingHK19 (0.75) | ZarandiB12 (0.78) | Hooker07 (0.80) | CireCH16 (0.81) | Beck10 (0.81) |
| Euclid | TranB12 (0.17) | GedikKEK18 (0.31) | GomesM17 (0.31) | TanT18 (0.37) | EmeretlisTAV17 (0.37) |
| Dot | Groleaz21 (183.00) | ZarandiASC20 (168.00) | TranB12 (164.00) | NaderiRR23 (163.00) | Lunardi20 (153.00) |
| Cosine | TranB12 (0.94) | GedikKEK18 (0.82) | GomesM17 (0.81) | TanT18 (0.72) | EmeretlisTAV17 (0.72) |
| TranB12 R&C | | | | | |
| Euclid | TranAB16 (0.17) | GomesM17 (0.29) | GedikKEK18 (0.32) | TanT18 (0.33) | ArbaouiY18 (0.34) |
| Dot | TranAB16 (164.00) | Groleaz21 (157.00) | NaderiRR23 (149.00) | ZarandiASC20 (144.00) | YunusogluY22 (136.00) |
| Cosine | TranAB16 (0.94) | GomesM17 (0.81) | GedikKEK18 (0.80) | TanT18 (0.74) | ArbaouiY18 (0.72) |
| TranDRFWOVB16 R&C | | | | | |
| Euclid | Puget95 (0.25) | CrawfordB94 (0.25) | JoLLH99 (0.25) | TranWDRFOVB16 (0.26) | AngelsmarkJ00 (0.26) |
| Dot | ZarandiASC20 (96.00) | HarjunkoskiMBC14 (82.00) | Astrand21 (81.00) | Fahimi16 (81.00) | Groleaz21 (80.00) |
| Cosine | JoLLH99 (0.75) | Puget95 (0.70) | FrankK05 (0.70) | CrawfordB94 (0.70) | TranWDRFOVB16 (0.69) |
| TranPZLDB18 R&C | IfrimOS12 (0.98) | ZarandiASC20 (1.00) | | | |
| Euclid | BridiLBBM16 (0.26) | CrawfordB94 (0.27) | IfrimOS12 (0.27) | DoRZ08 (0.29) | Prosser89 (0.29) |
| Dot | Groleaz21 (109.00) | ZarandiASC20 (108.00) | Lombardi10 (104.00) | Astrand21 (97.00) | PrataAN23 (96.00) |
| Cosine | BridiLBBM16 (0.72) | IfrimOS12 (0.71) | TerekhovTDB14 (0.71) | CrawfordB94 (0.71) | WuBB09 (0.70) |
| TranTDB13 R&C | WuBB09 (0.98) | BidotVLB09 (0.98) | Hooker05 (0.99) | | |
| Euclid | TranPZLDB18 (0.34) | DoRZ08 (0.34) | TerekhovTDB14 (0.34) | CarlssonKA99 (0.34) | HebrardHJMPV16 (0.35) |
| Dot | ZarandiASC20 (126.00) | Groleaz21 (122.00) | TerekhovTDB14 (116.00) | Astrand21 (109.00) | Baptiste02 (105.00) |
| Cosine | TerekhovTDB14 (0.75) | ParkUJR19 (0.66) | TranPZLDB18 (0.66) | HebrardHJMPV16 (0.63) | DoRZ08 (0.63) |
| TranVNB17 R&C | GilesH16 (0.93) | CappartS17 (0.93) | Hooker17 (0.94) | GayHS15 (0.95) | CireCH16 (0.96) |
| Euclid | BoothNB16 (0.19) | TranVNB17a (0.22) | NishikawaSTT19 (0.28) | WolfS05 (0.28) | NishikawaSTT18a (0.28) |
| Dot | LaborieRSV18 (117.00) | ZarandiASC20 (106.00) | Dejemeppe16 (106.00) | Lunardi20 (103.00) | Astrand21 (102.00) |
| Cosine | BoothNB16 (0.88) | TranVNB17a (0.84) | NishikawaSTT19 (0.75) | NishikawaSTT18a (0.73) | BoothTNB16 (0.72) |
| TranVNB17a R&C | | | | | |
| Euclid | BoothNB16 (0.19) | ChapadosJR11 (0.22) | TranVNB17 (0.22) | BeniniBGM05a (0.23) | ZibranR11 (0.23) |
| Dot | LaborieRSV18 (79.00) | Dejemeppe16 (75.00) | ZarandiASC20 (72.00) | Astrand21 (72.00) | Lunardi20 (71.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | TranVNB17 (0.84) | BoothNB16 (0.84) | BoothTNB16 (0.78) | AstrandJZ18 (0.74) | GilesH16 (0.74) |
| TranWDRFOVB16 R&C | | | | | |
| Euclid | LouieVNB14 (0.23) | Rit86 (0.24) | AngelsmarkJ00 (0.25) | Davis87 (0.25) | LuoVLBM16 (0.25) |
| Dot | ZarandiASC20 (84.00) | Groleaz21 (80.00) | LaborieRSV18 (79.00) | Astrand21 (79.00) | Dejemeppe16 (79.00) |
| Cosine | LouieVNB14 (0.70) | TranDRFWOVB16 (0.69) | BeckPS03 (0.68) | KotaryFH22 (0.67) | HeipckeCCS00 (0.67) |
| TrentesauxPT01 R&C | Goltz95 (0.94) | RodosekW98 (0.95) | AggounB93 (0.95) | Simonis95a (0.95) | BosiM2001 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Trick03 R&C | HenzMT04 (0.69) | RussellU06 (0.73) | RasmussenT06 (0.73) | RasmussenT07 (0.73) | Henz01 (0.73) |
| Euclid | EastonNT02 (0.19) | RasmussenT06 (0.19) | NaqviAIAAA22 (0.23) | Perron05 (0.24) | RasmussenT09 (0.26) |
| Dot | ZarandiASC20 (71.00) | RasmussenT09 (62.00) | HookerH17 (58.00) | LiW08 (58.00) | LarsonJC14 (58.00) |
| Cosine | EastonNT02 (0.82) | RasmussenT06 (0.81) | NaqviAIAAA22 (0.75) | RasmussenT09 (0.74) | LarsonJC14 (0.70) |
| Trick11 R&C | ZengM12 (0.75) | RasmussenT09 (0.78) | RasmussenT06 (0.79) | Ribeiro12 (0.79) | RasmussenT07 (0.83) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| TrojetHL11 R&C | TerekhovDOB12 (0.90) | AmadiniGM16 (0.91) | Rodriguez07 (0.91) | NuijtenA96 (0.91) | Zhou96 (0.92) |
| Euclid | ChuGNSW13 (0.27) | KovacsV04 (0.29) | LombardiM10 (0.29) | PoderBS04 (0.29) | GayHLS15 (0.30) |
| Dot | Dejemeppe16 (139.00) | Lombardi10 (138.00) | Baptiste02 (138.00) | Schutt11 (136.00) | Godet21a (135.00) |
| Cosine | ChuGNSW13 (0.79) | KovacsV04 (0.77) | LombardiM10 (0.77) | PoderBS04 (0.76) | GayHLS15 (0.74) |
| Tsang03 R&C | LombardiM12 (0.98) | JainG01 (1.00) | | | |
| Euclid | KovacsEKV05 (0.15) | ChapadosJR11 (0.17) | Baptiste09 (0.18) | CarchraeBF05 (0.18) | LimAHO02a (0.18) |
| Dot | Lemos21 (32.00) | Astrand21 (31.00) | Godet21a (31.00) | ElkhyariGJ02a (31.00) | BartakSR10 (31.00) |
| Cosine | KovacsEKV05 (0.68) | DilkinaH04 (0.65) | BartakS11 (0.58) | PesantGPR99 (0.58) | ZhangLS12 (0.58) |
| TsurutaS00 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| UnsalO13 R&C | SunTB19 (0.75) | QinDCS20 (0.77) | UnsalO19 (0.91) | ZampelliVSDR13 (0.91) | LimRX04 (0.94) |
| Euclid | NishikawaSTT19 (0.37) | OzturkTHO12 (0.38) | SunTB19 (0.38) | HeipckeCCS00 (0.38) | ZampelliVSDR13 (0.39) |
| Dot | Dejemeppe16 (168.00) | Astrand21 (165.00) | Lunardi20 (156.00) | Malapert11 (156.00) | ZarandiASC20 (155.00) |
| Cosine | NishikawaSTT19 (0.71) | PovedaAA23 (0.70) | SacramentoSP20 (0.69) | SunTB19 (0.69) | OzturkTHO12 (0.68) |
| UnsalO19 R&C | CireCH16 (0.85) | QinDS16 (0.86) | SunTB19 (0.87) | QinDCS20 (0.91) | UnsalO13 (0.91) |
| Euclid | CorreaLR07 (0.30) | BeniniLMMR08 (0.30) | QinDS16 (0.31) | BeniniLMR11 (0.31) | BoothNB16 (0.32) |
| Dot | Lombardi10 (118.00) | ZarandiASC20 (109.00) | LombardiM12 (109.00) | QinDS16 (109.00) | Froger16 (108.00) |
| Cosine | QinDS16 (0.77) | CorreaLR07 (0.74) | BeniniLMR11 (0.73) | BeniniLMMR08 (0.72) | TranVNB17 (0.68) |
| Valdes87 R&C | | | | | |
| Euclid | Davis87 (0.12) | KameugneF13 (0.17) | LiuJ06 (0.18) | FrostD98 (0.19) | Rit86 (0.19) |
| Dot | Lombardi10 (32.00) | Siala15a (31.00) | Schutt11 (31.00) | Astrand21 (30.00) | Malapert11 (30.00) |
| Cosine | Davis87 (0.77) | Rit86 (0.63) | MoffittPP05 (0.59) | DincbasSH90 (0.56) | LiuJ06 (0.52) |
| ValleMGT03 R&C | PinarbasiAY19 (0.83) | PinarbasiA20 (0.86) | AlakaPY19 (0.86) | TopaloglusS12 (0.87) | ZhangLS12 (0.88) |
| Euclid | VanczaM01 (0.22) | abs-1901-07914 (0.24) | Bartak02a (0.25) | SmithC93 (0.25) | ChuGNSW13 (0.25) |
| Dot | ZarandiASC20 (93.00) | BartakSR10 (93.00) | Astrand21 (92.00) | Beck99 (89.00) | Dejemeppe16 (88.00) |
| Cosine | VanczaM01 (0.80) | PengLC14 (0.78) | Bartak02a (0.77) | abs-1901-07914 (0.77) | SmithC93 (0.75) |
| VanczaM01 R&C | | | | | |
| Euclid | Alaka21 (0.20) | ValleMGT03 (0.22) | AlakaPY19 (0.22) | NishikawaSTT18a (0.24) | AlakaP23 (0.25) |
| Dot | ZarandiASC20 (96.00) | Astrand21 (96.00) | Dejemeppe16 (93.00) | Lunardi20 (91.00) | Beck99 (88.00) |
| Cosine | Alaka21 (0.84) | ValleMGT03 (0.80) | AlakaPY19 (0.79) | AlakaP23 (0.77) | NishikawaSTT18a (0.76) |
| VerfaillieL01 R&C | OddiPCC03 (0.81) | DannaP03 (0.89) | SchausHMCMD11 (0.91) | GarganiR07 (0.91) | PesantRR15 (0.92) |
| Euclid | KucukY19 (0.23) | ZibranR11 (0.25) | FrankDT16 (0.26) | ZibranR11a (0.26) | BensanaLV99 (0.27) |
| Dot | ZarandiASC20 (78.00) | Groleaz21 (73.00) | LaborieRSV18 (71.00) | Astrand21 (71.00) | Dejemeppe16 (69.00) |
| Cosine | KucukY19 (0.75) | ZibranR11 (0.66) | FrankDT16 (0.66) | ZibranR11a (0.66) | PraletLJ15 (0.65) |
| Vilim02 R&C | Vilim04 (0.76) | CauwelaertDS20 (0.88) | Wolf03 (0.88) | SchuttS16 (0.89) | VilimBC04 (0.89) |
| Euclid | KovacsEKV05 (0.15) | CestaOS98 (0.17) | Baptiste09 (0.17) | Caballero23 (0.18) | WuBB05 (0.19) |
| Dot | Malapert11 (43.00) | Dejemeppe16 (42.00) | Baptiste02 (40.00) | ZarandiASC20 (39.00) | LaborieRSV18 (39.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Vilim04 (0.70) | CauwelaertDMS16 (0.68) | KovacsEKV05 (0.67) | CauwelaertDS20 (0.65) | FocacciLN00 (0.63) |
| Vilim03 R&C | KovacsV06 (0.67) | Vilim05 (0.89) | JussienL02 (0.94) | ElkhyariGJ02a (0.95) | MalapertCGJLR12 (0.95) |
| Euclid | HebrardTW05 (0.16) | Baptiste09 (0.17) | AngelsmarkJ00 (0.18) | AbrilSB05 (0.18) | CarchraeBF05 (0.18) |
| Dot | Beck99 (47.00) | Schutt11 (47.00) | HookerH17 (45.00) | Lombardi10 (45.00) | Siala15a (45.00) |
| Cosine | BeckF00a (0.68) | BeckF99 (0.68) | Vilim05 (0.68) | BeckF00 (0.66) | SialaAH15 (0.65) |
| Vilim04 R&C | VilimBC04 (0.44) | VilimBC05 (0.63) | Vilim05 (0.73) | WolfS05a (0.76) | Vilim02 (0.76) |
| Euclid | VilimBC05 (0.20) | VilimBC04 (0.20) | CauwelaertDMS16 (0.21) | Vilim09 (0.22) | Vilim09a (0.24) |
| Dot | Dejemeppe16 (105.00) | Malapert11 (104.00) | Fahimi16 (103.00) | Baptiste02 (102.00) | Schutt11 (101.00) |
| Cosine | VilimBC05 (0.89) | VilimBC04 (0.86) | CauwelaertDS20 (0.86) | CauwelaertDMS16 (0.84) | DejemeppeCS15 (0.83) |
| Vilim05 R&C | Wolf05 (0.65) | ArtiouchineB05 (0.66) | VilimBC04 (0.69) | Vilim04 (0.73) | VilimBC05 (0.77) |
| Euclid | BeckF00a (0.26) | BeckF99 (0.26) | VilimBC04 (0.26) | Vilim04 (0.26) | PacinoH11 (0.26) |
| Dot | Fahimi16 (130.00) | Schutt11 (130.00) | Baptiste02 (129.00) | Dejemeppe16 (128.00) | Beck99 (127.00) |
| Cosine | BeckF00a (0.81) | BeckF00 (0.81) | BeckPS03 (0.78) | VilimBC04 (0.78) | VilimBC05 (0.78) |
| Vilim09 R&C | Vilim09a (0.52) | SchuttW10 (0.57) | KameugneFSN11 (0.58) | KameugneF13 (0.65) | MercierH08 (0.68) |
| Euclid | Vilim09a (0.17) | Vilim04 (0.22) | VilimBC04 (0.23) | BeckF99 (0.23) | Vilim11 (0.24) |
| Dot | Dejemeppe16 (95.00) | Fahimi16 (94.00) | Schutt11 (94.00) | Baptiste02 (93.00) | Lombardi10 (89.00) |
| Cosine | Vilim09a (0.86) | VilimBC04 (0.80) | Vilim11 (0.80) | VilimBC05 (0.79) | Vilim04 (0.79) |
| Vilim09a R&C | Vilim09 (0.52) | KameugneF13 (0.64) | SchuttW10 (0.66) | KameugneFSN11 (0.72) | OuelletQ18 (0.75) |
| Euclid | Vilim09 (0.17) | WolfS05 (0.18) | PoderB08 (0.19) | BeniniBGM05a (0.21) | Vilim11 (0.22) |
| Dot | Schutt11 (87.00) | Fahimi16 (86.00) | Baptiste02 (85.00) | Dejemeppe16 (84.00) | Lombardi10 (84.00) |
| Cosine | Vilim09 (0.86) | WolfS05 (0.85) | Vilim11 (0.84) | PoderB08 (0.81) | BeniniBGM05a (0.76) |
| Vilim11 R&C | SchuttW10 (0.63) | OuelletQ13 (0.65) | KameugneF13 (0.65) | LetortBC12 (0.67) | Vilim09 (0.69) |
| Euclid | Vilim09a (0.22) | Vilim09 (0.24) | OuelletQ18 (0.24) | WolfS05 (0.25) | GayHS15a (0.25) |
| Dot | Schutt11 (127.00) | Fahimi16 (121.00) | Lombardi10 (117.00) | Dejemeppe16 (115.00) | Baptiste02 (113.00) |
| Cosine | Vilim09a (0.84) | GayHS15a (0.82) | OuelletQ18 (0.81) | Vilim09 (0.80) | SchuttFS13a (0.79) |
| VilimBC04 R&C | Vilim04 (0.44) | VilimBC05 (0.67) | Vilim05 (0.69) | MercierH07 (0.78) | ArtiouchineB05 (0.80) |
| Euclid | VilimBC05 (0.13) | Vilim04 (0.20) | CauwelaertDMS16 (0.20) | DejemeppeCS15 (0.23) | Vilim09 (0.23) |
| Dot | Baptiste02 (128.00) | Fahimi16 (126.00) | Dejemeppe16 (124.00) | Schutt11 (123.00) | Malapert11 (122.00) |
| Cosine | VilimBC05 (0.95) | CauwelaertDMS16 (0.86) | DejemeppeCS15 (0.86) | Vilim04 (0.86) | CauwelaertDS20 (0.84) |
| VilimBC05 R&C | Vilim04 (0.63) | VilimBC04 (0.67) | Vilim05 (0.77) | WolfS05a (0.78) | TorresL00 (0.78) |
| Euclid | VilimBC04 (0.13) | Vilim04 (0.20) | CauwelaertDMS16 (0.21) | CauwelaertDS20 (0.21) | DejemeppeCS15 (0.22) |
| Dot | Malapert11 (149.00) | Baptiste02 (147.00) | Dejemeppe16 (146.00) | Fahimi16 (143.00) | Schutt11 (142.00) |
| Cosine | VilimBC04 (0.95) | Vilim04 (0.89) | CauwelaertDS20 (0.89) | DejemeppeCS15 (0.88) | CauwelaertDMS16 (0.87) |
| VilimLS15 R&C | GayHLS15 (0.77) | ColT19 (0.82) | OuelletQ13 (0.86) | ColT2019a (0.86) | LaborieRSV18 (0.87) |
| Euclid | LiessM08 (0.28) | Laborie05 (0.28) | HeipckeCCS00 (0.29) | DemasseyAM05 (0.29) | ArkhipovBL19 (0.29) |
| Dot | Groleaz21 (180.00) | LaborieRSV18 (162.00) | Godet21a (162.00) | Lombardi10 (160.00) | Schutt11 (160.00) |
| Cosine | LiessM08 (0.83) | Laborie05 (0.82) | ArkhipovBL19 (0.81) | HeipckeCCS00 (0.81) | DemasseyAM05 (0.81) |
| VillaverdeP04 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| VlkHT21 R&C | ParkUJR19 (0.96) | Laborie18a (0.97) | ColT2019a (0.97) | DejemeppeCS15 (0.97) | ColT19 (0.97) |
| Euclid | CireCH13 (0.33) | CireCH16 (0.34) | LozanoCDS12 (0.34) | BoothNB16 (0.34) | GoldwaserS17 (0.35) |
| Dot | NaderiRR23 (112.00) | Groleaz21 (96.00) | Lombardi10 (91.00) | ZarandiASC20 (86.00) | LaborieRSV18 (85.00) |
| Cosine | HladikCDJ08 (0.62) | CambazardHDJT04 (0.62) | CireCH13 (0.61) | Hooker06 (0.61) | CireCH16 (0.61) |
| Wallace06 R&C | AjiliW04 (0.85) | KamarainenS02 (0.88) | MilanoW06 (0.88) | MilanoW09 (0.90) | Milano11 (0.90) |
| Euclid | EreminW01 (0.30) | KamarainenS02 (0.34) | FallahiAC20 (0.34) | ErkingerM17 (0.34) | Puget95 (0.36) |
| Dot | ZarandiASC20 (124.00) | Froger16 (121.00) | Groleaz21 (120.00) | Dejemeppe16 (115.00) | Lombardi10 (115.00) |
| Cosine | EreminW01 (0.74) | Wallace96 (0.67) | FallahiAC20 (0.66) | BourreauGGLT22 (0.65) | MilanoW06 (0.65) |
| Wallace94 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Wallace96 R&C | DincbasSH90 (0.86) | SadehF96 (0.93) | NuijtenA96 (0.93) | Dorndorf2000 (0.93) | BeldiceanuC94 (0.94) |
| Euclid | Simonis95a (0.33) | LammaMM97 (0.35) | Bartak02 (0.35) | Simonis95 (0.37) | BocewiczBB09 (0.37) |
| Dot | ZarandiASC20 (150.00) | HookerH17 (135.00) | Simonis99 (127.00) | Beck99 (126.00) | Lombardi10 (126.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Simonis95a (0.74) | Simonis99 (0.73) | LammaMM97 (0.72) | Bartak02 (0.70) | Wallace06 (0.67) |
| WallaceF00 R&C | | | | | |
| Euclid | CestaOS98 (0.17) | AngelsmarkJ00 (0.18) | FukunagaHFAMN02 (0.18) | BonfiettiM12 (0.19) | Caballero23 (0.19) |
| Dot | Lombardi10 (48.00) | Siala15a (46.00) | Godet21a (45.00) | Beck99 (45.00) | Baptiste02 (45.00) |
| Cosine | ReddyFIBKAJ11 (0.75) | PoderB08 (0.72) | ElkhyariGJ02 (0.72) | LombardiM13 (0.72) | Vilim09a (0.71) |
| WallaceY20 R&C | WessenCS20 (0.86) | EfthymiouY23 (0.90) | KreterSS15 (0.94) | BehrensLM19 (0.94) | KreterSS17 (0.95) |
| Euclid | EfthymiouY23 (0.41) | Caseau97 (0.42) | BukchinR18 (0.42) | DemirovicS18 (0.42) | LozanoCDS12 (0.42) |
| Dot | Godet21a (130.00) | Dejemeppe16 (129.00) | KoehlerBFFHPSSS21 (128.00) | Groleaz21 (127.00) | Astrand21 (123.00) |
| Cosine | WessenCSFPM23 (0.61) | EfthymiouY23 (0.61) | KoehlerBFFHPSSS21 (0.59) | abs-1911-04766 (0.59) | MullerMKP22 (0.58) |
| WangB20 R&C | | | | | |
| Euclid | WangB23 (0.23) | TranDRFWOVB16 (0.34) | Puget95 (0.37) | Caseau97 (0.38) | CrawfordB94 (0.38) |
| Dot | WangB23 (103.00) | ZarandiASC20 (87.00) | Lunardi20 (83.00) | Lemos21 (80.00) | Fahimi16 (80.00) |
| Cosine | WangB23 (0.85) | TranDRFWOVB16 (0.66) | ForbesHJST24 (0.58) | GokGSTO20 (0.58) | Puget95 (0.55) |
| WangB23 R&C | | | | | |
| Euclid | WangB20 (0.23) | TranDRFWOVB16 (0.30) | Puget95 (0.31) | Caseau97 (0.32) | AngelsmarkJ00 (0.32) |
| Dot | WangB20 (103.00) | ZarandiASC20 (92.00) | Lunardi20 (89.00) | Lemos21 (87.00) | Dejemeppe16 (80.00) |
| Cosine | WangB20 (0.85) | TranDRFWOVB16 (0.67) | Puget95 (0.63) | Caseau97 (0.61) | ForbesHJST24 (0.60) |
| WangMD15 R&C | MeskensDL13 (0.63) | DoulabiRP16 (0.74) | RoshanaeiLAU17 (0.78) | RoshanaeiBAUB20 (0.80) | RoshanaeiLAU17a (0.80) |
| Euclid | MeskensDHG11 (0.23) | YounespourAKE19 (0.29) | GurPAE23 (0.29) | GurEA19 (0.29) | DoulabiRP16 (0.31) |
| Dot | ZarandiASC20 (137.00) | Dejemeppe16 (123.00) | YounespourAKE19 (119.00) | Baptiste02 (107.00) | Lunardi20 (106.00) |
| Cosine | MeskensDHG11 (0.85) | YounespourAKE19 (0.81) | GurPAE23 (0.78) | GurEA19 (0.77) | RiiseML16 (0.73) |
| WariZ19 R&C | PengLC14 (0.92) | ColT2019a (0.93) | KovacsB11 (0.93) | Laborie18a (0.95) | EscobetPQPRA19 (0.95) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| WatsonB08 R&C | BeckFW11 (0.61) | GrimesHM09 (0.62) | HeckmanB11 (0.82) | Beck07 (0.83) | BeckF00 (0.84) |
| Euclid | BeckFW11 (0.16) | Beck06 (0.21) | Beck07 (0.23) | CarchraeB09 (0.23) | TanSD10 (0.23) |
| Dot | Beck99 (111.00) | Schutt11 (111.00) | Groleaz21 (109.00) | Astrand21 (108.00) | BeckFW11 (108.00) |
| Cosine | BeckFW11 (0.93) | Beck06 (0.86) | Beck07 (0.85) | CarchraeB09 (0.85) | TanSD10 (0.84) |
| WatsonBHW99 R&C | | | | | |
| Euclid | LiLZDZW24 (0.26) | DilkinaDH05 (0.29) | DoRZ08 (0.29) | LauLN08 (0.31) | JuvinHL23 (0.32) |
| Dot | Astrand21 (103.00) | Groleaz21 (93.00) | Dejemeppe16 (91.00) | Lombardi10 (91.00) | ZarandiASC20 (90.00) |
| Cosine | LiLZDZW24 (0.75) | DilkinaDH05 (0.68) | DoRZ08 (0.66) | RiahiNS018 (0.65) | JuvinHL23 (0.64) |
| WeilHFP95 R&C | BourdaisGP03 (0.88) | OzturkTHO12 (0.97) | TopaloglnO11 (0.97) | GoelSHFS15 (0.97) | NovasH12 (0.97) |
| Euclid | HoYCLLCLC18 (0.26) | BourdaisGP03 (0.26) | abs-1902-01193 (0.26) | AngelsmarkJ00 (0.28) | Puget95 (0.28) |
| Dot | Dejemeppe16 (81.00) | ZarandiASC20 (72.00) | Simonis07 (68.00) | WangMD15 (66.00) | Wolf11 (65.00) |
| Cosine | BourdaisGP03 (0.67) | abs-1902-01193 (0.67) | HoYCLLCLC18 (0.65) | ShinBBHO18 (0.64) | WangMD15 (0.64) |
| WessenCS20 R&C | BehrensLM19 (0.79) | WessenCSFPM23 (0.80) | WallaceY20 (0.86) | GarridoAO09 (0.96) | OzturkTHO15 (0.97) |
| Euclid | BehrensLM19 (0.24) | FortinZDF05 (0.24) | abs-1901-07914 (0.25) | NishikawaSTT18 (0.26) | NishikawaSTT18a (0.26) |
| Dot | Astrand21 (86.00) | ZarandiASC20 (82.00) | ArmstrongGOS21 (81.00) | Lunardi20 (81.00) | Dejemeppe16 (81.00) |
| Cosine | BehrensLM19 (0.77) | MokhtarzadehTNF20 (0.76) | abs-1901-07914 (0.74) | WessenCSFPM23 (0.74) | NishikawaSTT18 (0.73) |
| WessenCSFPM23 R&C | WessenCS20 (0.80) | BehrensLM19 (0.93) | BonfiettiLBM11 (0.96) | BonfiettiLBM14 (0.96) | KreterSS15 (0.96) |
| Euclid | WessenCS20 (0.31) | BonfiettiLBM11 (0.32) | BonfiettiLBM12 (0.33) | LombardiBMB11 (0.33) | BonfiettiLBM14 (0.33) |
| Dot | Dejemeppe16 (126.00) | Astrand21 (125.00) | LaborieRSV18 (121.00) | Malapert11 (121.00) | Godet21a (119.00) |
| Cosine | BonfiettiLBM14 (0.75) | WessenCS20 (0.74) | BonfiettiLBM11 (0.73) | LombardiBMB11 (0.71) | DraperJCJ99 (0.71) |
| WikarekS19 R&C | SchnellH17 (0.94) | BartakSR08 (0.94) | OddiPCC03 (0.94) | ElkhyariGJ02 (0.94) | HebrardHJMPV16 (0.95) |
| Euclid | KovacsV06 (0.29) | KhayatLR06 (0.30) | ValleMGT03 (0.30) | MalapertCGJLR13 (0.31) | HeipckeCCS00 (0.31) |
| Dot | Baptiste02 (141.00) | ZarandiASC20 (139.00) | Malapert11 (131.00) | Groleaz21 (130.00) | BartakSR10 (127.00) |
| Cosine | GrimesH10 (0.76) | KhayatLR06 (0.75) | BosiM2001 (0.75) | KovacsV06 (0.74) | TorresL00 (0.73) |
| WinterMMW22 R&C | | | | | |
| Euclid | GedikKEK18 (0.44) | GroleazNS20a (0.44) | ArbaouiY18 (0.44) | NattafM20 (0.45) | Adelgren2023 (0.45) |
| Dot | Groleaz21 (170.00) | Lunardi20 (162.00) | NaderiRR23 (158.00) | ZarandiASC20 (147.00) | LacknerMMWW23 (147.00) |
| Cosine | GedikKEK18 (0.65) | YunusogluY22 (0.64) | OujanaAYB22 (0.64) | GroleazNS20a (0.63) | NaderiBZ22 (0.62) |
| Wolf03 R&C | WolfS05a (0.58) | Wolf05 (0.60) | Colombani96 (0.77) | Vilim04 (0.79) | Goltz95 (0.80) |
| Euclid | Wolf05 (0.19) | MonetteDD07 (0.24) | TanSD10 (0.28) | CauwelaertDMS16 (0.30) | VilimBC04 (0.31) |
| Dot | Malapert11 (152.00) | Fahimi16 (150.00) | Schutt11 (149.00) | Dejemeppe16 (147.00) | Baptiste02 (147.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Wolf05 (0.91) | MonetteDD07 (0.86) | TanSD10 (0.79) | FahimiOQ18 (0.78) | CauwelaertDMS16 (0.75) |
| Wolf05 R&C | Wolf03 (0.60) | WolfS05a (0.64) | Vilim05 (0.65) | ArtiouchineB05 (0.70) | WolfS05 (0.79) |
| Euclid | Wolf03 (0.19) | CauwelaertDMS16 (0.25) | MonetteDD07 (0.27) | VilimBC05 (0.28) | VilimBC04 (0.28) |
| Dot | Malapert11 (151.00) | Fahimi16 (149.00) | Schutt11 (149.00) | Dejemeppe16 (147.00) | Baptiste02 (145.00) |
| Cosine | Wolf03 (0.91) | CauwelaertDMS16 (0.83) | MonetteDD07 (0.81) | DejemeppeCS15 (0.80) | VilimBC05 (0.80) |
| Wolf09 R&C | WolfS05a (0.61) | WolfS05 (0.72) | Wolf05 (0.80) | SchuttWS05 (0.81) | SchuttW10 (0.85) |
| Euclid | WolfS05 (0.30) | Caseau97 (0.30) | BeldiceanuP07 (0.32) | BockmayrP06 (0.32) | Puget95 (0.33) |
| Dot | Dejemeppe16 (99.00) | Malapert11 (98.00) | Baptiste02 (93.00) | Schutt11 (90.00) | Beck99 (89.00) |
| Cosine | WolfS05 (0.67) | AlesioNBG14 (0.66) | Wolf05 (0.65) | Caseau97 (0.64) | BeldiceanuP07 (0.61) |
| Wolf11 R&C | SimonisH11 (0.86) | SimoninAHL12 (0.89) | OuelletQ22 (0.90) | GayHS15a (0.90) | Wolf09 (0.90) |
| Euclid | DoulabiRP16 (0.35) | DoulabiRP14 (0.36) | WolfS05 (0.36) | GurPAE23 (0.36) | WangMD15 (0.36) |
| Dot | Dejemeppe16 (127.00) | ZarandiASC20 (124.00) | Simonis07 (105.00) | Malapert11 (101.00) | RoshanaeiLAU17 (100.00) |
| Cosine | WangMD15 (0.68) | DoulabiRP16 (0.68) | GurPAE23 (0.66) | RoshanaeiLAU17 (0.65) | DoulabiRP14 (0.64) |
| WolfS05 R&C | SchuttWS05 (0.45) | Wolf09 (0.72) | SchuttW10 (0.74) | WolfS05a (0.75) | MercierH08 (0.78) |
| Euclid | BeldiceanuP07 (0.14) | PoderB08 (0.15) | Vilim09a (0.18) | SimonisH11 (0.20) | BockmayrP06 (0.20) |
| Dot | Schutt11 (85.00) | Lombardi10 (84.00) | Malapert11 (84.00) | Fahimi16 (83.00) | Baptiste02 (82.00) |
| Cosine | BeldiceanuP07 (0.90) | PoderB08 (0.89) | Vilim09a (0.85) | SimonisH11 (0.81) | BockmayrP06 (0.81) |
| WolfS05a R&C | Wolf03 (0.58) | Wolf09 (0.61) | Wolf05 (0.64) | WolfS05 (0.75) | Vilim04 (0.76) |
| Euclid | QuSN06 (0.29) | WolfS05 (0.29) | PoderB08 (0.29) | BeldiceanuC01 (0.29) | BeldiceanuP07 (0.30) |
| Dot | Malapert11 (92.00) | Schutt11 (79.00) | Fahimi16 (75.00) | Letort13 (72.00) | Dejemeppe16 (71.00) |
| Cosine | LetortCB13 (0.66) | LetortBC12 (0.65) | WolfS05 (0.64) | BeldiceanuC02 (0.64) | Madi-WambaLOBM17 (0.62) |
| WolinskiKG04 R&C | QuSN06 (0.93) | KuchcinskiW03 (0.96) | NishikawaSTT19 (0.97) | LombardiM10a (0.97) | LozanoCDS12 (0.97) |
| Euclid | KuchcinskiW03 (0.22) | LozanoCDS12 (0.25) | Kumar03 (0.25) | LombardiM13 (0.25) | CestaOS98 (0.26) |
| Dot | Lombardi10 (71.00) | Kuchcinski03 (64.00) | Malapert11 (63.00) | BonfiettiLBM14 (62.00) | Groleaz21 (62.00) |
| Cosine | KuchcinskiW03 (0.77) | LozanoCDS12 (0.70) | BocewiczBB09 (0.69) | Malik08 (0.66) | LombardiM13 (0.64) |
| WuBB05 R&C | | | | | |
| Euclid | CestaOS98 (0.13) | Baptiste09 (0.14) | KovacsEKV05 (0.15) | Caballero23 (0.15) | CarchraeBF05 (0.15) |
| Dot | Groleaz21 (33.00) | Lombardi10 (32.00) | Beck99 (31.00) | SadehF96 (31.00) | LaborieRSV18 (30.00) |
| Cosine | CestaOS98 (0.69) | OddiS97 (0.63) | Laborie18a (0.62) | BeckW05 (0.62) | KovacsEKV05 (0.62) |
| WuBB09 R&C | FahimiQ23 (0.90) | BonfiettiLM14 (0.92) | KletzanderM17 (0.93) | BidotVLB09 (0.94) | BeckW07 (0.94) |
| Euclid | BridiLBBM16 (0.30) | TranPZLDB18 (0.31) | TranWDRFOVB16 (0.32) | MurphyMB15 (0.32) | BeckPS03 (0.33) |
| Dot | ZarandiASC20 (140.00) | Baptiste02 (120.00) | Lombardi10 (111.00) | Beck99 (110.00) | PrataAN23 (109.00) |
| Cosine | BeckW07 (0.72) | BeckPS03 (0.70) | TranPZLDB18 (0.70) | BridiLBBM16 (0.68) | Madi-WambaLOBM17 (0.68) |
| YangSS19 R&C | KameugneFSN14 (0.69) | OuelletQ18 (0.69) | Tesch18 (0.72) | OuelletQ13 (0.74) | GayHS15 (0.78) |
| Euclid | Vilim09a (0.28) | WolfS05 (0.29) | BeldiceanuCP08 (0.30) | Vilim09 (0.31) | Vilim11 (0.31) |
| Dot | Schutt11 (121.00) | Malapert11 (115.00) | Dejemeppe16 (110.00) | Lombardi10 (110.00) | Fahimi16 (110.00) |
| Cosine | Vilim09a (0.74) | SchuttFS13a (0.73) | WolfS05 (0.72) | Vilim11 (0.72) | BeldiceanuCP08 (0.71) |
| YeGMH94 R&C | | | | | |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| YoshikawaKNW94 R&C | | | | | |
| Euclid | LimAHO02a (0.19) | FeldmanG89 (0.20) | CarchraeBF05 (0.23) | FrostD98 (0.23) | AngelsmarkJ00 (0.23) |
| Dot | Lemos21 (52.00) | ZarandiASC20 (46.00) | Astrand21 (45.00) | Fahimi16 (43.00) | Beck99 (42.00) |
| Cosine | LimAHO02a (0.71) | FeldmanG89 (0.65) | Schaerf97 (0.62) | BofillGSV15 (0.58) | DemirovicS18 (0.57) |
| YounespourAKE19 R&C | RoshanaeiBAUB20 (0.79) | GhandehariK22 (0.86) | FarsiTM22 (0.87) | BenediktMH20 (0.88) | WangMD15 (0.89) |
| Euclid | WangMD15 (0.29) | MeskensDHG11 (0.32) | GurPAE23 (0.36) | GurEA19 (0.37) | BhatnagarKL19 (0.37) |
| Dot | ZarandiASC20 (137.00) | Dejemeppe16 (123.00) | WangMD15 (119.00) | Lunardi20 (113.00) | Baptiste02 (112.00) |
| Cosine | WangMD15 (0.81) | MeskensDHG11 (0.74) | SenderovichBB19 (0.68) | GurPAE23 (0.68) | GurEA19 (0.66) |
| YoungFS17 R&C | SzerediS16 (0.57) | GeibingerMM19 (0.75) | KreterSS17 (0.81) | SchuttS16 (0.84) | SchuttFS13 (0.85) |
| Euclid | SzerediS16 (0.21) | BofillCSV17a (0.25) | BofillCSV17 (0.27) | SchuttS16 (0.27) | LiessM08 (0.27) |
| Dot | Godet21a (146.00) | PovedaAA23 (134.00) | Schutt11 (131.00) | BoudreaultSLQ22 (129.00) | Lombardi10 (127.00) |
| Cosine | SzerediS16 (0.88) | PovedaAA23 (0.84) | BofillCSV17a (0.82) | BoudreaultSLQ22 (0.81) | SchuttS16 (0.80) |
| YunusogluY22 R&C | HeinzNVH22 (0.88) | AbreuN22 (0.89) | MengLZB21 (0.91) | GedikKEK18 (0.92) | MengZRZL20 (0.93) |
| Euclid | GedikKEK18 (0.40) | IsikYA23 (0.41) | OrnekO16 (0.42) | Novas19 (0.42) | OujanaAYB22 (0.42) |
| Dot | ZarandiASC20 (239.00) | Lunardi20 (224.00) | Groleaz21 (218.00) | IsikYA23 (217.00) | Dejemeppe16 (209.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | IsikYA23 (0.80) | GedikKEK18 (0.75) | Novas19 (0.74) | Lunardi20 (0.73) | MengZRZL20 (0.73) |
| YuraszeckMC23 R&C | YuraszeckMPV22 (0.75) | OddiPCC03 (0.90) | OddiPCC05 (0.93) | WikarekS19 (0.96) | HamdiL13 (0.96) |
| Euclid | WatsonB08 (0.30) | BillautHL12 (0.31) | Beck06 (0.32) | DilkinaDH05 (0.32) | ThiruvadyBME09 (0.32) |
| Dot | ZarandiASC20 (118.00) | Groleaz21 (114.00) | Baptiste02 (113.00) | YuraszeckMPV22 (107.00) | Godet21a (106.00) |
| Cosine | YuraszeckMCCR23 (0.71) | YuraszeckMPV22 (0.71) | WatsonB08 (0.70) | MenciaSV13 (0.69) | AbreuAPNM21 (0.69) |
| YuraszeckMCCR23 R&C | | | | | |
| Euclid | OddiRCS11 (0.32) | HeipckeCCS00 (0.33) | LiessM08 (0.34) | VilimLS15 (0.34) | KhayatLR06 (0.35) |
| Dot | ZarandiASC20 (181.00) | Baptiste02 (163.00) | Lunardi20 (161.00) | Groleaz21 (159.00) | Godet21a (158.00) |
| Cosine | OddiRCS11 (0.79) | VilimLS15 (0.77) | HeipckeCCS00 (0.77) | EtminaniesfahaniGNMS22 (0.75) | LiessM08 (0.75) |
| YuraszeckMPV22 R&C | YuraszeckMC23 (0.75) | SubulanC22 (0.91) | OujanaAYB22 (0.94) | SchnellH17 (0.94) | AbreuPNF23 (0.95) |
| Euclid | AbreuAPNM21 (0.38) | YuraszeckMC23 (0.39) | LiFJZLL22 (0.41) | MejiaY20 (0.41) | MalapertCGJLR13 (0.42) |
| Dot | ZarandiASC20 (209.00) | Groleaz21 (201.00) | Baptiste02 (187.00) | Lunardi20 (173.00) | Astrand21 (169.00) |
| Cosine | AbreuAPNM21 (0.75) | AbreuN22 (0.72) | MejiaY20 (0.72) | AbreuPNF23 (0.72) | YuraszeckMC23 (0.71) |
| Zahout21 R&C | | | | | |
| Euclid | ZhangYW21 (0.43) | HillTV21 (0.44) | HeipckeCCS00 (0.45) | TranPZLDB18 (0.45) | NishikawaSTT19 (0.45) |
| Dot | ZarandiASC20 (200.00) | Groleaz21 (190.00) | Dejemeppe16 (167.00) | Lombardi10 (166.00) | Baptiste02 (159.00) |
| Cosine | ZhangYW21 (0.65) | JuvinHL23a (0.64) | HillTV21 (0.63) | NaderiBZ22a (0.63) | Elkhyari03 (0.61) |
| ZampelliVSDR13 R&C | GaySS14 (0.89) | CauwelaertLS15 (0.91) | GrimesH10 (0.91) | UnsalO13 (0.91) | QinDS16 (0.91) |
| Euclid | WolfS05 (0.30) | Vilim09a (0.30) | PoderB08 (0.31) | TranVNB17a (0.32) | GilesH16 (0.33) |
| Dot | Dejemeppe16 (128.00) | ZarandiASC20 (113.00) | Groleaz21 (107.00) | Malapert11 (106.00) | AwadMDMT22 (105.00) |
| Cosine | WolfS05 (0.71) | Vilim09a (0.70) | EvenSH15 (0.68) | UnsalO13 (0.68) | UnsalO19 (0.68) |
| ZarandiASC20 R&C | SacramentoSP20 (0.98) | MengLZB21 (0.98) | MengZRZL20 (0.98) | GokgurHO18 (0.98) | HamFC17 (0.98) |
| Euclid | PrataAN23 (0.67) | Lunardi20 (0.70) | JainM99 (0.72) | IsikYA23 (0.72) | Astrand21 (0.72) |
| Dot | Groleaz21 (368.00) | Dejemeppe16 (335.00) | Baptiste02 (331.00) | Lunardi20 (322.00) | Astrand21 (306.00) |
| Cosine | PrataAN23 (0.71) | Lunardi20 (0.67) | Groleaz21 (0.67) | Astrand21 (0.65) | JainM99 (0.65) |
| ZarandiB12 R&C | HechingHK19 (0.74) | RoshanaeiLAU17 (0.75) | Hooker07 (0.75) | CireCH16 (0.77) | TranAB16 (0.78) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ZarandiKS16 R&C | NovasH14 (0.91) | QuirogaZH05 (0.92) | AbreuN22 (0.92) | KelbelH11 (0.93) | PengLC14 (0.93) |
| Euclid | Salido10 (0.30) | KamarainenS02 (0.32) | PengLC14 (0.33) | MakMS10 (0.34) | ZhangLS12 (0.35) |
| Dot | ZarandiASC20 (168.00) | Groleaz21 (143.00) | Dejemeppe16 (138.00) | Baptiste02 (131.00) | Lombardi10 (128.00) |
| Cosine | Salido10 (0.72) | PengLC14 (0.71) | BeckDDF98 (0.70) | BartakSR10 (0.68) | PrataAN23 (0.67) |
| Zeballos10 R&C | ZeballosQH10 (0.54) | NovasH14 (0.72) | QuirogaZH05 (0.76) | ZeballosM09 (0.83) | ZeballosNH11 (0.87) |
| Euclid | QuirogaZH05 (0.19) | ZeballosQH10 (0.22) | ZeballosH05 (0.23) | NovasH14 (0.28) | NovasH12 (0.32) |
| Dot | ZarandiASC20 (152.00) | Dejemeppe16 (144.00) | ZeballosQH10 (135.00) | Malapert11 (131.00) | Baptiste02 (131.00) |
| Cosine | QuirogaZH05 (0.92) | ZeballosQH10 (0.89) | ZeballosH05 (0.88) | NovasH14 (0.80) | NovasH10 (0.75) |
| ZeballosCM10 R&C | NovasH12 (0.78) | ZeballosNH11 (0.79) | ZeballosM09 (0.83) | NovaraNH16 (0.84) | ZeballosQH10 (0.90) |
| Euclid | NovasH12 (0.27) | NovasH14 (0.29) | ZeballosH05 (0.34) | QuirogaZH05 (0.36) | KrogtLPHJ07 (0.36) |
| Dot | ZarandiASC20 (150.00) | Astrand21 (134.00) | LaborieRSV18 (132.00) | Malapert11 (127.00) | Lunardi20 (126.00) |
| Cosine | NovasH12 (0.84) | NovasH14 (0.81) | ZeballosH05 (0.72) | Zeballos10 (0.69) | QuirogaZH05 (0.68) |
| ZeballosH05 R&C | | | | | |
| Euclid | NovasH14 (0.22) | Zeballos10 (0.23) | QuirogaZH05 (0.23) | BeckPS03 (0.26) | ZeballosQH10 (0.27) |
| Dot | ZarandiASC20 (143.00) | Dejemeppe16 (137.00) | Baptiste02 (134.00) | Lunardi20 (133.00) | Malapert11 (133.00) |
| Cosine | Zeballos10 (0.88) | NovasH14 (0.87) | QuirogaZH05 (0.86) | ZeballosQH10 (0.84) | NovasH12 (0.83) |
| ZeballosM09 R&C | ZeballosNH11 (0.78) | ZeballosCM10 (0.83) | Zeballos10 (0.83) | RoePS05 (0.84) | ZeballosQH10 (0.86) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ZeballosNH11 R&C | NovaraNH16 (0.63) | ZeballosM09 (0.78) | ZeballosCM10 (0.79) | MaraveliasCG04 (0.85) | ZeballosQH10 (0.86) |
| Euclid | NovaraNH16 (0.32) | NovasH10 (0.32) | ZeballosH05 (0.33) | QuirogaZH05 (0.33) | MaraveliasCG04 (0.34) |
| Dot | ZarandiASC20 (166.00) | Dejemeppe16 (165.00) | Baptiste02 (157.00) | Groleaz21 (151.00) | Malapert11 (150.00) |
| Cosine | NovaraNH16 (0.80) | NovasH10 (0.78) | ZeballosH05 (0.76) | ZeballosQH10 (0.75) | Zeballos10 (0.75) |
| ZeballosQH10 R&C | Zeballos10 (0.54) | NovasH14 (0.71) | QuirogaZH05 (0.83) | KhayatLR06 (0.84) | ZeballosM09 (0.86) |
| Euclid | Zeballos10 (0.22) | QuirogaZH05 (0.23) | ZeballosH05 (0.27) | NovasH14 (0.29) | KhayatLR06 (0.29) |
| Dot | ZarandiASC20 (161.00) | Dejemeppe16 (156.00) | Lunardi20 (150.00) | Malapert11 (150.00) | Baptiste02 (149.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | Zeballos10 (0.89) | QuirogaZH05 (0.88) | ZeballosH05 (0.84) | NovasH14 (0.80) | KhayatLR06 (0.80) |
| ZengM12 R&C | Trick11 (0.75) | RasmussenT09 (0.76) | RasmussenT07 (0.79) | CarlssonJL17 (0.80) | RasmussenT06 (0.81) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| ZhangBB22 R&C | | | | | |
| Euclid | TanSD10 (0.29) | FontaineMH16 (0.31) | ArtiguesF07 (0.31) | ArtiguesBF04 (0.31) | WatsonB08 (0.33) |
| Dot | Groleaz21 (169.00) | NaderiRR23 (152.00) | Dejemeppe16 (146.00) | Baptiste02 (144.00) | Malapert11 (141.00) |
| Cosine | TanSD10 (0.79) | ArtiguesF07 (0.79) | FontaineMH16 (0.77) | ArtiguesBF04 (0.77) | BeckFW11 (0.73) |
| ZhangJZL22 R&C | AwadMDMT22 (0.98) | | | | |
| Euclid | Bedhief21 (0.33) | LiFJZLL22 (0.33) | ArbaouiY18 (0.33) | Limtanyakul07 (0.33) | BenediktSMVH18 (0.34) |
| Dot | IsikYA23 (142.00) | Groleaz21 (139.00) | ZarandiASC20 (137.00) | Astrand21 (129.00) | Lunardi20 (128.00) |
| Cosine | MengLZB21 (0.75) | MengGRZSC22 (0.75) | IsikYA23 (0.73) | Bedhief21 (0.73) | LiFJZLL22 (0.71) |
| ZhangLS12 R&C | QuirogaZH05 (0.67) | Geske05 (0.67) | EvenSH15 (0.75) | KovacsV04 (0.75) | LimtanyakulS12 (0.80) |
| Euclid | ZibranR11 (0.19) | GelainPRVW17 (0.21) | FeldmanG89 (0.21) | FrostD98 (0.21) | ZibranR11a (0.22) |
| Dot | Siala15a (61.00) | Godet21a (59.00) | ZarandiASC20 (58.00) | Baptiste02 (57.00) | ZhuSZW23 (56.00) |
| Cosine | ZibranR11 (0.73) | GelainPRVW17 (0.73) | LiuLH19 (0.72) | ZibranR11a (0.71) | LiuLH19a (0.69) |
| ZhangW18 R&C | Novas19 (0.91) | HamC16 (0.92) | LunardiBLRV20 (0.93) | TerekhovDOB12 (0.93) | MengZRZL20 (0.96) |
| Euclid | LunardiBLRV20 (0.36) | JuvinHL23 (0.37) | Mehdizadeh-Somarin23 (0.37) | LiFJZLL22 (0.37) | FanXG21 (0.37) |
| Dot | ZarandiASC20 (204.00) | Groleaz21 (179.00) | Lunardi20 (177.00) | Astrand21 (159.00) | Baptiste02 (153.00) |
| Cosine | LunardiBLRV20 (0.76) | FanXG21 (0.72) | HamPK21 (0.71) | AlfieriGPS23 (0.71) | MengZRZL20 (0.71) |
| ZhangYW21 R&C | NaderiBZ22a (0.79) | ShiYXQ22 (0.84) | ZhuSZW23 (0.89) | MengLZB21 (0.90) | CilKLO22 (0.90) |
| Euclid | KhayatLR06 (0.26) | HeipckeCCS00 (0.28) | PacinoH11 (0.28) | WatsonB08 (0.29) | LahimerLH11 (0.30) |
| Dot | ZarandiASC20 (163.00) | Groleaz21 (148.00) | Lunardi20 (141.00) | Dejemeppe16 (141.00) | IsikYA23 (136.00) |
| Cosine | KhayatLR06 (0.82) | NaderiBZ22a (0.82) | HamPK21 (0.79) | HeipckeCCS00 (0.78) | PacinoH11 (0.77) |
| ZhaoL14 R&C | MeskensDL13 (0.73) | RoshanaeiLAU17a (0.81) | WangMD15 (0.83) | RoshanaeiBAUB20 (0.85) | DoulabiRP16 (0.85) |
| Euclid | | | | | |
| Dot | | | | | |
| Cosine | | | | | |
| Zhou96 R&C | Colombani96 (0.60) | ArtiouchineB05 (0.83) | MonetteDD07 (0.84) | Rodriguez07 (0.85) | BeckF00 (0.85) |
| Euclid | Zhou97 (0.19) | Colombani96 (0.22) | FoxAS82 (0.27) | Rit86 (0.29) | Goltz95 (0.30) |
| Dot | Baptiste02 (115.00) | Zhou97 (113.00) | BartakSR10 (106.00) | Groleaz21 (101.00) | Lombardi10 (100.00) |
| Cosine | Zhou97 (0.91) | Colombani96 (0.84) | MercierH07 (0.74) | BelhadjiI98 (0.72) | FoxAS82 (0.71) |
| Zhou97 R&C | SacramentoSP20 (0.94) | Wolf05 (0.94) | AbreuAPNM21 (0.95) | MengLZB21 (0.95) | Bartak02 (0.95) |
| Euclid | Zhou96 (0.19) | Colombani96 (0.28) | HookerO99 (0.32) | HeipckeCCS00 (0.33) | Goltz95 (0.33) |
| Dot | Baptiste02 (158.00) | Lombardi10 (141.00) | Beck99 (140.00) | Malapert11 (139.00) | Fahimi16 (139.00) |
| Cosine | Zhou96 (0.91) | Colombani96 (0.80) | MercierH07 (0.74) | BartakSR08 (0.74) | HookerO99 (0.74) |
| ZhouGL15 R&C | SimoninAHL12 (0.92) | LombardiM10 (0.93) | GrimesHM09 (0.93) | OddiPCC05 (0.93) | WatsonB08 (0.94) |
| Euclid | JuvinHL23 (0.31) | ParkUJR19 (0.33) | ArmstrongGOS22 (0.35) | HebrardHJMPV16 (0.36) | abs-2305-19888 (0.36) |
| Dot | ZarandiASC20 (153.00) | Groleaz21 (151.00) | Astrand21 (149.00) | Lunardi20 (137.00) | MengZRZL20 (134.00) |
| Cosine | JuvinHL23 (0.75) | OujanaAYB22 (0.73) | TerekhovTDB14 (0.73) | ParkUJR19 (0.72) | ArmstrongGOS22 (0.71) |
| ZhuS02 R&C | | | | | |
| Euclid | GelainPRVW17 (0.22) | Caballero23 (0.23) | KovacsEKV05 (0.23) | CestaOS98 (0.23) | BofillCGGPSV23 (0.23) |
| Dot | Simonis07 (47.00) | Wallace96 (47.00) | ZarandiASC20 (47.00) | BadicaBI20 (46.00) | BartakSR10 (46.00) |
| Cosine | GelainPRVW17 (0.69) | QuSN06 (0.64) | BofillCGGPSV23 (0.63) | BeniniBGM05a (0.61) | Caballero23 (0.60) |
| ZhuSZW23 R&C | ShiYXQ22 (0.73) | NaderiBZ22a (0.88) | ZhangYW21 (0.89) | TanSD10 (0.94) | LunardiBLRV20 (0.94) |
| Euclid | NaderiBZ22a (0.34) | ZhangYW21 (0.36) | TanT18 (0.37) | MurinR19 (0.39) | HamPK21 (0.40) |
| Dot | Groleaz21 (186.00) | Lunardi20 (180.00) | ZarandiASC20 (176.00) | NaderiRR23 (171.00) | Malapert11 (162.00) |
| Cosine | NaderiBZ22a (0.80) | ZhangYW21 (0.75) | TanT18 (0.74) | HamPK21 (0.72) | MurinR19 (0.72) |
| ZibranR11 R&C | ZibranR11a (0.48) | | | | |
| Euclid | ZibranR11a (0.11) | ChapadosJR11 (0.16) | Baptiste09 (0.17) | CarchraeBF05 (0.18) | HebrardALLCMR22 (0.18) |
| Dot | ZarandiASC20 (50.00) | Astrand21 (48.00) | Malapert11 (48.00) | Lunardi20 (47.00) | Beck99 (47.00) |
| Cosine | ZibranR11a (0.94) | ZhangLS12 (0.73) | ChapadosJR11 (0.72) | Baptiste09 (0.70) | BarzegaranZP20 (0.69) |
| ZibranR11a R&C | ZibranR11 (0.48) | ZhangLS12 (0.96) | QuirogaZH05 (0.96) | Geske05 (0.96) | EvenSH15 (0.97) |
| Euclid | ZibranR11 (0.11) | ChapadosJR11 (0.19) | ZhangLS12 (0.22) | WallaceF00 (0.22) | HebrardALLCMR22 (0.23) |
| Dot | ZarandiASC20 (69.00) | Astrand21 (64.00) | Beck99 (63.00) | TangLWSK18 (61.00) | Dejemeppe16 (61.00) |

Table 324: Most Similar Works

| Work | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Cosine | ZibranR11 (0.94) | ChapadosJR11 (0.78) | ZouZ20 (0.74) | ZhangLS12 (0.71) | abs-1902-01193 (0.71) |
| ZouZ20 R&C | TangLWSK18 (0.80) | SubulanC22 (0.96) | YuraszeckMPV22 (0.96) | SchnellH17 (0.97) | HauderBRPA20 (0.97) |
| Euclid | NishikawaSTT18 (0.24) | NishikawaSTT18a (0.25) | NishikawaSTT19 (0.26) | BeniniBGM05a (0.27) | ZibranR11a (0.27) |
| Dot | Lombardi10 (113.00) | Groleaz21 (110.00) | ZarandiASC20 (109.00) | LaborieRSV18 (105.00) | Lunardi20 (104.00) |
| Cosine | NishikawaSTT18 (0.80) | NishikawaSTT18a (0.79) | NishikawaSTT19 (0.77) | BeniniBGM05a (0.75) | ZibranR11a (0.74) |
| abs-0907-0939 R&C | | | | | |
| Euclid | PoderB08 (0.30) | ClercqPBJ11 (0.30) | BeldiceanuP07 (0.31) | WolfS05 (0.33) | Vilim09a (0.35) |
| Dot | Fahimi16 (103.00) | Malapert11 (102.00) | Godet21a (100.00) | Dejemeppe16 (99.00) | Lombardi10 (99.00) |
| Cosine | ClercqPBJ11 (0.73) | PoderB08 (0.72) | BeldiceanuP07 (0.68) | WolfS05 (0.65) | NattafAL15 (0.63) |
| abs-1009-0347 R&C | | | | | |
| Euclid | SchuttFSW13 (0.19) | SchuttFSW09 (0.23) | SchuttCSW12 (0.25) | BofillCSV17 (0.27) | BofillCSV17a (0.27) |
| Dot | Schutt11 (153.00) | Caballero19 (143.00) | Godet21a (142.00) | Lombardi10 (138.00) | SchuttFSW11 (137.00) |
| Cosine | SchuttFSW13 (0.91) | SchuttFSW09 (0.85) | SchuttCSW12 (0.82) | SchuttFSW11 (0.82) | SchuttFS13a (0.81) |
| abs-1901-07914 R&C | | | | | |
| Euclid | BehrensLM19 (0.09) | ValleMGT03 (0.24) | JungblutK22 (0.25) | WessenCS20 (0.25) | BoothNB16 (0.27) |
| Dot | ZarandiASC20 (96.00) | Godet21a (94.00) | Dejemeppe16 (94.00) | Beck99 (94.00) | BartakSR10 (92.00) |
| Cosine | BehrensLM19 (0.97) | ValleMGT03 (0.77) | JungblutK22 (0.74) | WessenCS20 (0.74) | NovasH14 (0.73) |
| abs-1902-01193 R&C | | | | | |
| Euclid | ZibranR11 (0.23) | ZibranR11a (0.23) | BourdaisGP03 (0.23) | PesantGPR99 (0.25) | ZhangLS12 (0.25) |
| Dot | ZarandiASC20 (87.00) | Dejemeppe16 (70.00) | Simonis07 (69.00) | Wallace96 (69.00) | Beck99 (68.00) |
| Cosine | BourdaisGP03 (0.73) | ZibranR11a (0.71) | ZibranR11 (0.68) | PesantGPR99 (0.67) | WeilHFP95 (0.67) |
| abs-1902-09244 R&C | | | | | |
| Euclid | HauderBRPA20 (0.11) | BeckPS03 (0.36) | MonetteDH09 (0.38) | HeipckeCCS00 (0.38) | BeckR03 (0.39) |
| Dot | ZarandiASC20 (213.00) | HauderBRPA20 (200.00) | Groleaz21 (192.00) | Dejemeppe16 (191.00) | Lunardi20 (181.00) |
| Cosine | HauderBRPA20 (0.98) | BeckPS03 (0.76) | YuraszeckMCCR23 (0.73) | MonetteDH09 (0.73) | HubnerGSV21 (0.72) |
| abs-1911-04766 R&C | | | | | |
| Euclid | GeibingerMM19 (0.23) | GeibingerMM21 (0.32) | PovedaAA23 (0.38) | CampeauG22 (0.40) | YoungFS17 (0.40) |
| Dot | Groleaz21 (172.00) | Dejemeppe16 (171.00) | GeibingerMM19 (168.00) | Lombardi10 (164.00) | LaborieRSV18 (161.00) |
| Cosine | GeibingerMM19 (0.91) | GeibingerMM21 (0.81) | PovedaAA23 (0.75) | YoungFS17 (0.69) | CampeauG22 (0.69) |
| abs-2102-08778 R&C | | | | | |
| Euclid | ColT19 (0.22) | ColT2019a (0.23) | Teppan22 (0.27) | WatsonB08 (0.30) | Beck06 (0.31) |
| Dot | ColT22 (122.00) | Groleaz21 (108.00) | Godet21a (103.00) | Dejemeppe16 (101.00) | ColT19 (100.00) |
| Cosine | ColT19 (0.86) | ColT2019a (0.83) | Teppan22 (0.78) | abs-2306-05747 (0.73) | TasselGS23 (0.73) |
| abs-2211-14492 R&C | | | | | |
| Euclid | IklassovMR023 (0.35) | abs-2402-00459 (0.35) | BeckFW11 (0.38) | KovacsTKSG21 (0.38) | CarchraeB09 (0.38) |
| Dot | Groleaz21 (188.00) | ZarandiASC20 (183.00) | Dejemeppe16 (167.00) | Lunardi20 (166.00) | IsikYA23 (160.00) |
| Cosine | abs-2402-00459 (0.78) | IklassovMR023 (0.75) | KovacsTKSG21 (0.73) | MullerMKP22 (0.72) | BeckFW11 (0.72) |
| abs-2305-19888 R&C | | | | | |
| Euclid | HeinzNVH22 (0.13) | ArbaouiY18 (0.30) | Ham18a (0.32) | LahimerLH11 (0.33) | GedikKEK18 (0.34) |
| Dot | Lunardi20 (162.00) | Groleaz21 (162.00) | IsikYA23 (154.00) | ZarandiASC20 (154.00) | Astrand21 (147.00) |
| Cosine | HeinzNVH22 (0.96) | ArbaouiY18 (0.78) | Ham18a (0.77) | GedikKEK18 (0.77) | LahimerLH11 (0.72) |
| abs-2306-05747 R&C | | | | | |
| Euclid | TasselGS23 (0.00) | BeckFW11 (0.30) | CarchraeB09 (0.30) | IklassovMR023 (0.30) | WatsonB08 (0.30) |
| Dot | TasselGS23 (145.00) | ZarandiASC20 (143.00) | Groleaz21 (142.00) | ColT22 (134.00) | Lunardi20 (132.00) |
| Cosine | TasselGS23 (1.00) | BeckFW11 (0.78) | CarchraeB09 (0.77) | IklassovMR023 (0.77) | WatsonB08 (0.76) |
| abs-2312-13682 R&C | | | | | |
| Euclid | PerezGSL23 (0.05) | BockmayrP06 (0.23) | ZibranR11 (0.27) | ZibranR11a (0.27) | Limtanyakul07 (0.27) |
| Dot | Dejemeppe16 (90.00) | Astrand21 (88.00) | LaborieRSV18 (86.00) | Lombardi10 (86.00) | ZarandiASC20 (85.00) |
| Cosine | PerezGSL23 (0.99) | BockmayrP06 (0.75) | AalianPG23 (0.74) | CarchraeB09 (0.71) | AstrandJZ18 (0.70) |
| abs-2402-00459 R&C | | | | | |
| Euclid | abs-2211-14492 (0.35) | ThiruvadyWGS14 (0.36) | HeipckeCCS00 (0.37) | CarchraeB09 (0.37) | KovacsTKSG21 (0.38) |
| Dot | ZarandiASC20 (179.00) | Groleaz21 (179.00) | Dejemeppe16 (162.00) | IsikYA23 (155.00) | Lunardi20 (155.00) |
| Cosine | abs-2211-14492 (0.78) | ThiruvadyWGS14 (0.72) | KovacsTKSG21 (0.71) | CarchraeB09 (0.70) | HeipckeCCS00 (0.70) |

## I.1 Most Similar Works Based on Euclidean Distance

The following tables show pairs of work for which the similarity by concept value is smallest. This allows to check if the measure is really finding similar papers.

One of the challenge of this similarity measure is that works with few extracted features are considered to be quite similar. This should not be the case.

Table 325: Works Close by Euclidean Distance (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 TasselGS23 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [817] | 2023 | ICAPS 2023 | 9 | 0 1 2 | 0 0 | 816 | 888 |
| abs-2306-05747 abs-2306-05747 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [818] | 2023 | CoRR | 9 | 0 0 0 | 0 0 | 1681 | 1706 |
| PerezGSL23 PerezGSL23 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports | Yes | [689] | 2023 | ICTAI 2023 | 7 | 0 0 0 | 0 19 | 761 | 884 |
| abs-2312-13682 abs-2312-13682 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended | Yes | [690] | 2023 | CoRR | 20 | 0 0 0 | 0 0 | 1682 | 1707 |
| NishikawaSTT18 NishikawaSTT18 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Fork-Join Tasks with Constraint Programming | Yes | [648] | 2018 | CANDAR 2018 | 6 | 2 2 2 | 14 21 | 745 | n/a |
| NishikawaSTT18a NishikawaSTT18a | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Tasks Based on Constraint Programming | Yes | [649] | 2018 | TENCON 2018 | 6 | 1 1 1 | 9 16 | 746 | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |
| NuijtenA96 NuijtenA96 | W. Nuijten, E. H. L. Aarts | A computational study of constraint satisfaction for multiple capacitated job shop scheduling | Yes | [658] | 1996 | European Journal of Operational Research | 16 | 65 65 90 | 6 21 | 1576 | n/a |
| BehrensLM19 BehrensLM19 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [105] | 2019 | ICRA 2019 | 7 | 12 17 27 | 18 27 | 491 | 929 |
| abs-1901-07914 abs-1901-07914 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [106] | 2019 | CoRR | 8 | 0 0 0 | 0 0 | 1674 | 1737 |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| CarchraeBF05 CarchraeBF05 | T. Carchrae, J. C. Beck, E. C. Freuder | Methods to Learn Abstract Scheduling Models | Yes | [182] | 2005 | CP 2005 | 1 | 0 0 0 | 0 0 | 533 | n/a |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |

Table 325: Works Close by Euclidean Distance (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |
| AngelsmarkJ00 AngelsmarkJ00 | O. Angelsmark, P. Jonsson | Some Observations on Durations, Scheduling and Allen's Algebra | Yes | [28] | 2000 | CP 2000 | 5 | 1 1 6 | 9 17 | 455 | n/a |
| CarchraeBF05 CarchraeBF05 | T. Carchrae, J. C. Beck, E. C. Freuder | Methods to Learn Abstract Scheduling Models | Yes | [182] | 2005 | CP 2005 | 1 | 0 0 0 | 0 0 | 533 | n/a |
| Alaka21 Alaka21 | H. M. Alakaş | General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models | Yes | [21] | 2021 | Soft Computing | 11 | 7 9 9 | 20 27 | 1358 | n/a |
| AlakaPY19 AlakaPY19 | H. M. Alakaş, M. Pınarbaşı, M. Yüzükırmızı | Constraint programming model for resource-constrained assembly line balancing problem | Yes | [23] | 2019 | Soft Computing | 9 | 15 17 0 | 14 23 | 1360 | n/a |
| ZibranR11 ZibranR11 | M. F. Zibran, C. K. Roy | Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach | Yes | [931] | 2011 | ICPC 2011 | 4 | 17 16 19 | 18 24 | 871 | n/a |
| ZibranR11a ZibranR11a | M. F. Zibran, C. K. Roy | A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring | Yes | [932] | 2011 | SCAM 2011 | 10 | 26 26 33 | 27 35 | 872 | n/a |
| Hooker05a Hooker05a | J. N. Hooker | Planning and Scheduling to Minimize Tardiness | Yes | [425] | 2005 | CP 2005 | 14 | 30 31 35 | 10 12 | 641 | n/a |
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| HauderBRPA20 HauderBRPA20 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | Resource-constrained multi-project scheduling with activity and time flexibility | Yes | [394] | 2020 | Computers Industrial Engineering | 14 | 14 19 27 | 46 56 | 1479 | 1726 |
| abs-1902-09244 abs-1902-09244 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | On constraint programming for a new flexible project scheduling problem with resource constraints | Yes | [393] | 2019 | CoRR | 62 | 0 0 0 | 0 0 | 1676 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| Caballero23 Caballero23 | J. C. Caballero | Scheduling through logic-based tools | Yes | [175] | 2023 | Constraints An Int. J. | 1 | 0 0 0 | 0 0 | 1414 | 1691 |
| AbrilSB05 AbrilSB05 | M. Abril, M. A. Salido, F. Barber | Distributed Constraints for Large-Scale Scheduling Problems | Yes | [6] | 2005 | CP 2005 | 1 | 0 0 0 | 0 2 | 448 | n/a |
| Baptiste09 Baptiste09 | P. Baptiste | Constraint-Based Schedulers, Do They Really Work? | Yes | [63] | 2009 | CP 2009 | 1 | 0 0 0 | 0 0 | 471 | n/a |
| AngelsmarkJ00 AngelsmarkJ00 | O. Angelsmark, P. Jonsson | Some Observations on Durations, Scheduling and Allen's Algebra | Yes | [28] | 2000 | CP 2000 | 5 | 1 1 6 | 9 17 | 455 | n/a |
| HebrardTW05 HebrardTW05 | E. Hebrard, P. Tyler, T. Walsh | Computing Super-Schedules | Yes | [398] | 2005 | CP 2005 | 1 | 0 0 1 | 3 5 | 629 | n/a |
| CestaOS98 CestaOS98 | A. Cesta, A. Oddi, S. F. Smith | Scheduling Multi-capacitated Resources Under Complex Temporal Constraints | Yes | [199] | 1998 | CP 1998 | 1 | 5 5 4 | 0 3 | 541 | n/a |
| KovacsEKV05 KovacsEKV05 | A. Kovács, P. Egri, T. Kis, J. Váncza | Proterv-II: An Integrated Production Planning and Scheduling System | Yes | [494] | 2005 | CP 2005 | 1 | 2 2 1 | 3 3 | 674 | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| Davis87 Davis87 | E. Davis | Constraint propagation with interval labels | Yes | [231] | 1987 | Artificial Intelligence | 51 | 308 312 332 | 21 51 | 1429 | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |

Table 326: Features of Work Close by Euclidean Distance

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 [817] | 9 | job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic | JSSP | cumulative, disjunctive, noOverlap | Java | Choco Solver | | | industrial instance, real-world, github, benchmark, supplementary material | genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic | 18 | 888 |
| abs-2306-05747 [818] | 9 | re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop | JSSP | noOverlap, disjunctive, cumulative | Java | Choco Solver | | | real-world, github, industrial instance, supplementary material, benchmark | neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing | 997 | 1706 |
| PerezGSL23 [689] | 7 | inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP | | table constraint, cumulative | | OPL | container terminal, nurse, operating room, steel mill | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 14 | 884 |
| abs-2312-13682 [690] | 20 | activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task | | table constraint, cumulative | | OPL | container terminal, train schedule, nurse, steel mill, operating room | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 998 | 1707 |
| NishikawaSTT18 [648] | 6 | precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task | | alternative constraint, endBeforeStart | | Cplex | robot, pipeline | | real-world, benchmark | genetic algorithm | 97 | n/a |
| NishikawaSTT18a [649] | 6 | CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity | | endBeforeStart, alternative constraint | | Cplex | robot, nurse, pipeline | | benchmark, real-life, real-world | genetic algorithm | 98 | n/a |

Table 326: Features of Work Close by Euclidean Distance

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NuijtenA94 [657] | 5 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | C++ | Ilog Solver, CPO | | | | time-tabling | 426 | n/a |
| NuijtenA96 [658] | 16 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | | CPO | | | | time-tabling | 1336 | n/a |
| BehrensLM19 [105] | 7 | resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization | | | Python | OR-Tools, MiniZinc | robot | | github, real-world | | 66 | 929 |
| abs-1901-07914 [106] | 8 | constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span | | | Python | OR-Tools, MiniZinc | robot | | real-world, github, benchmark | | 1098 | 1737 |
| NaderiBZ22 [633] | 29 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-life | meta heuristic, memetic algorithm | 1018 | n/a |
| NaderiBZ23 [634] | 32 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | Python | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-world | meta heuristic, memetic algorithm | 987 | n/a |
| EvenSH15 [283] | 18 | transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task | | Disjunctive constraint, cumulative, disjunctive | | OPL, Choco Solver | evacuation, emergency service | | real-life, real-world | column generation, sweep, mat heuristic, ant colony | 144 | n/a |

Table 326: Features of Work Close by Euclidean Distance

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EvenSH15a [284] | 16 | distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP | | disjunctive, Disjunctive constraint, cumulative | Java | Choco Solver, OPL | emergency service, evacuation | | real-world, real-life | ant colony, mat heuristic, meta heuristic, column generation, sweep | 1150 | n/a |
| Baptiste09 [63] | 1 | scheduling, CP | | | | | | | | | 240 | n/a |
| CarchraeBF05 [182] | 1 | task, scheduling, make-span, order, CP | Partial Order Schedule | | | | | | | | 299 | n/a |
| NattafAL15 [640] | 21 | release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order | CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1155 | 1749 |
| NattafALR16 [642] | 34 | preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date | CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1141 | n/a |
| AngelsmarkJ00 [28] | 5 | resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop | | | | | | | | | 371 | n/a |
| CarchraeBF05 [182] | 1 | task, scheduling, make-span, order, CP | Partial Order Schedule | | | | | | | | 299 | n/a |
| Alaka21 [21] | 11 | CP, precedence, constraint programming, multi-objective, stochastic, completion-time, task, resource, cyclic scheduling, order, machine, scheduling | | cycle | | | | | real-life | meta heuristic, genetic algorithm | 1031 | n/a |
| AlakaPY19 [23] | 9 | scheduling, precedence, CP, machine, stochastic, constraint programming, order, completion-time, cyclic scheduling, multi-objective, task, resource | | bin-packing, cycle | | Cplex | | | real-life | genetic algorithm | 1078 | n/a |
| ZibranR11 [931] | 4 | CP, constraint programming, order, activity, constraint satisfaction, scheduling | | | Java | Cplex, OPL | | | | simulated annealing, genetic algorithm, meta heuristic | 225 | n/a |

Table 326: Features of Work Close by Euclidean Distance

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZibranR11a [932] | 10 | distributed, activity, CP, order, constraint programming, scheduling, constraint satisfaction, resource | | | | Cplex, OPL | | | | meta heuristic, timetabling, genetic algorithm, simulated annealing | 226 | n/a |
| Hooker05a [425] | 14 | CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness | | circuit, cumulative, disjunctive | | Ilog Scheduler, OPL, Cplex | | | | MINLP | 307 | n/a |
| Hooker06 [427] | 19 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 1266 | 1768 |
| HauderBRPA20 [394] | 14 | setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower | RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem | cumulative, cycle | | OPL, Cplex | aircraft | automobile industry, food-processing industry, steel industry, processing industry | industry partner, benchmark, real-world, supplementary material | particle swarm, genetic algorithm, meta heuristic | 1064 | 1726 |
| abs-1902-09244 [393] | 62 | setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date | Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP | cycle, cumulative, endBeforeStart | | OPL, Cplex | aircraft | automobile industry, steel industry, food-processing industry, glass industry, processing industry | real-world, benchmark, industry partner | genetic algorithm, particle swarm, simulated annealing, meta heuristic | 1100 | n/a |
| Baptiste09 [63] | 1 | scheduling, CP | | | | | | | | | 240 | n/a |

Table 326: Features of Work Close by Euclidean Distance

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Caballero23 [175] | 1 | CP, scheduling, resource | Resource-constrained Project Scheduling Problem, RCPSP | | | | | | | | 971 | 1691 |
| AbrilSB05 [6] | 1 | distributed, scheduling, multi-agent, CP, order, CSP | | | | | railway | | | | 293 | n/a |
| Baptiste09 [63] | 1 | scheduling, CP | | | | | | | | | 240 | n/a |
| AngelsmarkJ00 [28] | 5 | resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop | | | | | | | | | 371 | n/a |
| HebrardTW05 [398] | 1 | scheduling, job-shop, job, constraint programming, CP, constraint satisfaction, order, machine | | | | | | | | | 306 | n/a |
| CestaOS98 [199] | 1 | job, scheduling, CSP, CP, resource | | | | | robot | | | | 389 | n/a |
| KovacsEKV05 [494] | 1 | setup-time, CP, precedence, scheduling, resource, job-shop, job, constraint programming | Resource-constrained Project Scheduling Problem | | | | | | real-life | | 310 | n/a |
| Rodriguez07b [738] | 14 | re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Z3, Ilog Solver | train schedule, railway | railway industry | | edge-finding | 281 | n/a |
| RodriguezS09 [740] | 14 | blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Ilog Solver | train schedule, railway | | | edge-finding | 247 | n/a |
| Davis87 [231] | 51 | machine, task, constraint satisfaction, job, order, scheduling, CP | | disjunctive, circuit, cycle | | | robot | | | | 1348 | n/a |
| Valdes87 [853] | 5 | precedence, order, constraint satisfaction, task | | circuit, disjunctive, cycle | | | | | | | 443 | n/a |

## I.2 Most Similar Works Based on Dot Product Similarity

As before, but now based on the dot product similarity measure.

Table 327: Works Similar by Dot Product (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Lunardi20 Lunardi20 | W. T. Lunardi | A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics | Yes | [568] | 2020 | University of Luxembourg, Luxembourg City, Luxembourg | 181 | 0 0 0 | 0 0 | 3167 | n/a |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Astrand21 Astrand21 | M. Åstrand | Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming | Yes | [50] | 2021 | Royal Institute of Technology, Stockholm, Sweden | 142 | 0 0 0 | 0 0 | 3148 | n/a |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Siala15 Siala15 | M. Siala | Search, propagation, and learning in sequencing and scheduling problems | Yes | [783] | 2015 | Constraints An Int. J. | 2 | 4 3 0 | 0 0 | 1623 | 1751 |
| Siala15a Siala15a | M. Siala | Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquencement et d'ordonnancement) | Yes | [784] | 2015 | INSA Toulouse, France | 199 | 0 0 0 | 0 0 | 3173 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |

Table 327: Works Similar by Dot Product (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Astrand21 Astrand21 | M. Åstrand | Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming | Yes | [50] | 2021 | Royal Institute of Technology, Stockholm, Sweden | 142 | 0 0 0 | 0 0 | 3148 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Lunardi20 Lunardi20 | W. T. Lunardi | A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics | Yes | [568] | 2020 | University of Luxembourg, Luxembourg City, Luxembourg | 181 | 0 0 0 | 0 0 | 3167 | n/a |
| PrataAN23 PrataAN23 | B. A. Prata, L. R. Abreu, M. S. Nagano | Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis | Yes | [710] | 2024 | Results in Control and Optimization | 17 | 0 0 0 | 0 149 | 1595 | 1685 |
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| Fahimi16 Fahimi16 | H. Fahimi | Efficient algorithms to solve scheduling problems with a variety of optimization criteria | Yes | [286] | 2016 | Université Laval, Quebec, Canada | 120 | 0 0 0 | 0 0 | 3157 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |

Table 327: Works Similar by Dot Product (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 ZarandiASC20 | M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo | A state of the art review of intelligent scheduling | Yes | [912] | 2020 | Artif. Intell. Rev. | 93 | 55 64 66 | 445 538 | 1660 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Lunardi20 [568] | 181 | reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness | parallel machine, FJS, single machine | cycle, endBeforeStart, noOverlap, alldifferent, disjunctive | Python | CPO, OPL, Cplex | high performance computing, robot, airport, tournament | printing industry, glass industry | industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance | particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning | 3125 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malapert11 [578] | 194 | tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date | Open Shop Scheduling Problem, single machine | diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint | C++, Java, Prolog | Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL | robot, semiconductor, rectangle-packing, maintenance scheduling, patient | | real-world, industrial partner, generated instance, benchmark | edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep | 3138 | n/a |
| Astrand21 [50] | 142 | sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability | RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine | cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint | C++, Julia | Cplex, OPL, Gecode | satellite, agriculture, semiconductor, drone, robot | potash industry, mineral industry, mining industry, maritime industry, shipping industry | generated instance, benchmark, real-world, real-life | time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH | 3120 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |
| Siala15 [783] | 2 | sequence dependent setup, machine, activity, setup-time, job, open-shop, order, scheduling, CP, precedence, cmax, job-shop, constraint programming, explanation, due-date, earliness, task, tardiness, resource, make-span | single machine, OSP, RCPSP, TMS | AmongSeq constraint, circuit, alldifferent, Balance constraint, cumulative, table constraint, GCC constraint, AtMostSeqCard, Reified constraint, Regular constraint, Among constraint, Atmost constraint, Disjunctive constraint, Cardinality constraint, cycle, MultiAtMostSeqCard, disjunctive, CardPath, AtMostSeq | | Ilog Solver, CHIP, Claire, OPL, Mistral | rectangle-packing, automotive | | github, Roadef, CSPlib, real-world, benchmark, random instance | edge-finding, GRASP, time-tabling | 1158 | 1751 |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siala15a [784] | 199 | constraint programming, job-shop, CP, explanation, earliness, constraint logic programming, COP, CSP, setup-time, activity, make-span, machine, job, resource, precedence, cmax, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, constraint satisfaction, task, open-shop, periodic | OSP, RCPSP, single machine, TMS | Among constraint, AmongSeq constraint, Atmost constraint, Disjunctive constraint, GCC constraint, CardPath, AtMostSeqCard, AtMostSeq, table constraint, Balance constraint, cumulative, circuit, disjunctive, Regular constraint, Cardinality constraint, MultiAtMostSeqCard, Reified constraint, alldifferent, cycle | | Ilog Solver, Mistral, Claire, CHIP, OPL | rectangle-packing, automotive | | Roadef, real-world, github, benchmark, random instance, CSPlib | evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, timetabling, large neighborhood search, ant colony, GRASP | 3134 | n/a |
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |
| Malapert11 [578] | 194 | tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date | Open Shop Scheduling Problem, single machine | diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint | C++, Java, Prolog | Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL | robot, semiconductor, rectangle-packing, maintenance scheduling, patient | | real-world, industrial partner, generated instance, benchmark | edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep | 3138 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Astrand21 [50] | 142 | sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability | RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine | cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint | C++, Julia | Cplex, OPL, Gecode | satellite, agriculture, semiconductor, drone, robot | potash industry, mineral industry, mining industry, maritime industry, shipping industry | generated instance, benchmark, real-world, real-life | time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH | 3120 | n/a |
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Lunardi20 [568] | 181 | reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness | parallel machine, FJS, single machine | cycle, endBeforeStart, noOverlap, alldifferent, disjunctive | Python | CPO, OPL, Cplex | high performance computing, robot, airport, tournament | printing industry, glass industry | industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance | particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning | 3125 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PrataAN23 [710] | 17 | order, multi-objective, activity, setup-time, release-date, no-wait, single-machine scheduling, scheduling, Logic-Based Benders Decomposition, make-span, task, bi-objective, order scheduling, job, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, CP, machine, lateness, re-scheduling, stochastic, inventory, distributed, constraint programming, job-shop, resource, open-shop, Benders Decomposition | single machine, Open Shop Scheduling Problem, parallel machine | circuit, cumulative | | CHIP | dairy, robot, energy-price, aircraft | manufacturing industry | real-life, benchmark, real-world | mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, timetabling, large neighborhood search, particle swarm | 962 | 1685 |
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Malapert11 [578] | 194 | tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date | Open Shop Scheduling Problem, single machine | diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint | C++, Java, Prolog | Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL | robot, semiconductor, rectangle-packing, maintenance scheduling, patient | | real-world, industrial partner, generated instance, benchmark | edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep | 3138 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Groleaz21 [363] | 153 | activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order | single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP | circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap | Julia, Java | Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode | dairy, robot, automotive, business process | food industry, dairy industry, agrifood industry | benchmark, real-life | mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony | 3122 | n/a |
| Lombardi10 [548] | 175 | re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency | single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit | C | Ilog Solver, OPL, Cplex | pipeline, aircraft, semiconductor, business process, medical, automotive | semiconductor industry | generated instance, benchmark, instance generator, real-life, real-world | large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation | 3141 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Baptiste02 [62] | 237 | re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax | single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP | cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint | Prolog, C++ | Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3 | hoist | | real-life, generated instance, benchmark | column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning | 3145 | n/a |
| Lombardi10 [548] | 175 | re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency | single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit | C | Ilog Solver, OPL, Cplex | pipeline, aircraft, semiconductor, business process, medical, automotive | semiconductor industry | generated instance, benchmark, instance generator, real-life, real-world | large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation | 3141 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fahimi16 [286] | 120 | reactive scheduling, completion-time, flow-shop, constraint satisfaction, task, open-shop, stochastic, CSP, periodic, activity, job-shop, CP, Logic-Based Benders Decomposition, constraint logic programming, preempt, precedence, batch process, setup-time, due-date, preemptive, order, make-span, machine, job, resource, lateness, transportation, sequence dependent setup, tardiness, scheduling, constraint programming, Benders Decomposition | single machine, CuSP, parallel machine, RCPSP | Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive | Java, C++ | Choco Solver, Ilog Scheduler, Gecode, CHIP | airport, aircraft | | benchmark, random instance, Roadef, real-world | time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow | 3130 | n/a |
| Malapert11 [578] | 194 | tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date | Open Shop Scheduling Problem, single machine | diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint | C++, Java, Prolog | Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL | robot, semiconductor, rectangle-packing, maintenance scheduling, patient | | real-world, industrial partner, generated instance, benchmark | edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep | 3138 | n/a |
| Dejemeppe16 [238] | 274 | job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization | single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP | disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint | | OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO | supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician | paper industry | benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance | Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm | 3129 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lombardi10 [548] | 175 | re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency | single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit | C | Ilog Solver, OPL, Cplex | pipeline, aircraft, semiconductor, business process, medical, automotive | semiconductor industry | generated instance, benchmark, instance generator, real-life, real-world | large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation | 3141 | n/a |
| Lombardi10 [548] | 175 | re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency | single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP | Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit | C | Ilog Solver, OPL, Cplex | pipeline, aircraft, semiconductor, business process, medical, automotive | semiconductor industry | generated instance, benchmark, instance generator, real-life, real-world | large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation | 3141 | n/a |

Table 328: Features of Works Similar by Dot Product

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZarandiASC20 [912] | 93 | tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP | HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow | disjunctive, cycle | Prolog | OPL | satellite, robot, sports scheduling, surgery, medical, round-robin, railway, business process, container terminal, nurse, semiconductor, tournament, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room, airport | textile industry, gas industry | real-world, benchmark, real-life | memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence | 1076 | n/a |

## I.3 Most Similar Works Based on Cosine Similarity

As before, but now based on the cosine similarity measure. A high value means that works are similar.

Table 329: Works Similar by Cosine Similarity (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 TasselGS23 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [817] | 2023 | ICAPS 2023 | 9 | 0 1 2 | 0 0 | 816 | 888 |
| abs-2306-05747 abs-2306-05747 | P. Tassel, M. Gebser, K. Schekotihin | An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming | Yes | [818] | 2023 | CoRR | 9 | 0 0 0 | 0 0 | 1681 | 1706 |
| PerezGSL23 PerezGSL23 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports | Yes | [689] | 2023 | ICTAI 2023 | 7 | 0 0 0 | 0 19 | 761 | 884 |
| abs-2312-13682 abs-2312-13682 | G. Perez, G. Glorian, W. Suijlen, A. Lallouet | A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended | Yes | [690] | 2023 | CoRR | 20 | 0 0 0 | 0 0 | 1682 | 1707 |
| NaderiBZ22 NaderiBZ22 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [633] | 2022 | SSRN Electronic Journal | 29 | 0 0 0 | 44 51 | 1559 | n/a |
| NaderiBZ23 NaderiBZ23 | B. Naderi, M. A. Begen, G. Zhang | Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches | Yes | [634] | 2023 | SSRN Electronic Journal | 32 | 0 0 0 | 46 56 | 1561 | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |
| NuijtenA96 NuijtenA96 | W. Nuijten, E. H. L. Aarts | A computational study of constraint satisfaction for multiple capacitated job shop scheduling | Yes | [658] | 1996 | European Journal of Operational Research | 16 | 65 65 90 | 6 21 | 1576 | n/a |
| HauderBRPA20 HauderBRPA20 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | Resource-constrained multi-project scheduling with activity and time flexibility | Yes | [394] | 2020 | Computers Industrial Engineering | 14 | 14 19 27 | 46 56 | 1479 | 1726 |
| abs-1902-09244 abs-1902-09244 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | On constraint programming for a new flexible project scheduling problem with resource constraints | Yes | [393] | 2019 | CoRR | 62 | 0 0 0 | 0 0 | 1676 | n/a |
| NishikawaSTT18 NishikawaSTT18 | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Fork-Join Tasks with Constraint Programming | Yes | [648] | 2018 | CANDAR 2018 | 6 | 2 2 2 | 14 21 | 745 | n/a |
| NishikawaSTT18a NishikawaSTT18a | H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama | Scheduling of Malleable Tasks Based on Constraint Programming | Yes | [649] | 2018 | TENCON 2018 | 6 | 1 1 1 | 9 16 | 746 | n/a |
| EvenSH15 EvenSH15 | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-preemptive Evacuation Scheduling | Yes | [283] | 2015 | CP 2015 | 18 | 3 2 6 | 12 14 | 579 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| BehrensLM19 BehrensLM19 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [105] | 2019 | ICRA 2019 | 7 | 12 17 27 | 18 27 | 491 | 929 |
| abs-1901-07914 abs-1901-07914 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [106] | 2019 | CoRR | 8 | 0 0 0 | 0 0 | 1674 | 1737 |
| NattafAL15 NattafAL15 | M. Nattaf, C. Artigues, P. Lopez | A hybrid exact method for a scheduling problem with a continuous resource and energy constraints | Yes | [640] | 2015 | Constraints An Int. J. | 21 | 14 15 15 | 13 18 | 1565 | 1749 |
| NattafALR16 NattafALR16 | M. Nattaf, C. Artigues, P. Lopez, D. Rivreau | Energetic reasoning and mixed-integer linear programming for scheduling with a continuous resource and linear efficiency functions | Yes | [642] | 2016 | OR Spectrum | 34 | 10 10 10 | 15 19 | 1567 | n/a |

Table 329: Works Similar by Cosine Similarity (Total 40)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MilanoW06 MilanoW06 | M. Milano, M. G. Wallace | Integrating operations research in constraint programming | Yes | [608] | 2006 | 4OR | 45 | 18 18 22 | 46 67 | 1552 | n/a |
| MilanoW09 MilanoW09 | M. Milano, M. G. Wallace | Integrating Operations Research in Constraint Programming | Yes | [609] | 2009 | Annals of Operations Research | 40 | 34 35 41 | 46 77 | 1553 | n/a |
| Hooker05a Hooker05a | J. N. Hooker | Planning and Scheduling to Minimize Tardiness | Yes | [425] | 2005 | CP 2005 | 14 | 30 31 35 | 10 12 | 641 | n/a |
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| BaptisteP00 BaptisteP00 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [69] | 2000 | Constraints An Int. J. | 21 | 46 0 62 | 0 0 | 1376 | 1771 |
| BaptisteP97 BaptisteP97 | P. Baptiste, C. L. Pape | Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems | Yes | [68] | 1997 | CP 1997 | 15 | 8 9 14 | 10 22 | 474 | n/a |
| HeinzNVH22 HeinzNVH22 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers | Yes | [407] | 2022 | Computers Industrial Engineering | 16 | 5 7 8 | 25 31 | 1482 | 1713 |
| abs-2305-19888 abs-2305-19888 | V. Heinz, A. Novák, M. Vlk, Z. Hanzálek | Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers | Yes | [408] | 2023 | CoRR | 42 | 0 0 0 | 0 0 | 1680 | 1705 |
| Alaka21 Alaka21 | H. M. Alakaş | General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models | Yes | [21] | 2021 | Soft Computing | 11 | 7 9 9 | 20 27 | 1358 | n/a |
| AlakaPY19 AlakaPY19 | H. M. Alakaş, M. Pınarbaşı, M. Yüzükırmızı | Constraint programming model for resource-constrained assembly line balancing problem | Yes | [23] | 2019 | Soft Computing | 9 | 15 17 0 | 14 23 | 1360 | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| VilimBC04 VilimBC04 | P. Vilím, R. Barták, O. Cepek | Unary Resource Constraint with Optional Activities | Yes | [869] | 2004 | CP 2004 | 15 | 13 12 17 | 4 11 | 843 | n/a |
| VilimBC05 VilimBC05 | P. Vilím, R. Barták, O. Cepek | Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities | Yes | [870] | 2005 | Constraints An Int. J. | 23 | 21 21 32 | 5 16 | 1647 | 1770 |
| LetortBC12 LetortBC12 | A. Letort, N. Beldiceanu, M. Carlsson | A Scalable Sweep Algorithm for the cumulative Constraint | Yes | [526] | 2012 | CP 2012 | 16 | 18 19 27 | 12 21 | 691 | n/a |
| LetortCB13 LetortCB13 | A. Letort, M. Carlsson, N. Beldiceanu | A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint | Yes | [527] | 2013 | CPAIOR 2013 | 16 | 3 3 4 | 10 16 | 692 | 957 |
| TranAB16 TranAB16 | T. T. Tran, A. Araujo, J. C. Beck | Decomposition Methods for the Parallel Machine Scheduling Problem with Setups | Yes | [836] | 2016 | INFORMS Journal on Computing | 13 | 72 75 80 | 28 36 | 1640 | n/a |
| TranB12 TranB12 | T. T. Tran, J. C. Beck | Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups | Yes | [837] | 2012 | ECAI 2012 | 6 | 0 0 30 | 0 0 | 826 | n/a |
| Hooker04 Hooker04 | J. N. Hooker | A Hybrid Method for Planning and Scheduling | Yes | [423] | 2004 | CP 2004 | 12 | 39 40 46 | 9 10 | 640 | n/a |
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |
| Hooker06 Hooker06 | J. N. Hooker | An Integrated Method for Planning and Scheduling to Minimize Tardiness | Yes | [427] | 2006 | Constraints An Int. J. | 19 | 19 20 27 | 13 20 | 1488 | 1768 |
| Hooker07 Hooker07 | J. N. Hooker | Planning and Scheduling by Logic-Based Benders Decomposition | Yes | [429] | 2007 | Operations Research | 15 | 181 197 205 | 19 20 | 1489 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TasselGS23 [817] | 9 | job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic | JSSP | cumulative, disjunctive, noOverlap | Java | Choco Solver | | | industrial instance, real-world, github, benchmark, supplementary material | genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic | 18 | 888 |
| abs-2306-05747 [818] | 9 | re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop | JSSP | noOverlap, disjunctive, cumulative | Java | Choco Solver | | | real-world, github, industrial instance, supplementary material, benchmark | neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing | 997 | 1706 |
| PerezGSL23 [689] | 7 | inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP | | table constraint, cumulative | | OPL | container terminal, nurse, operating room, steel mill | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 14 | 884 |
| abs-2312-13682 [690] | 20 | activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task | | table constraint, cumulative | | OPL | container terminal, train schedule, nurse, steel mill, operating room | | real-world, generated instance | large neighborhood search, mat heuristic, meta heuristic | 998 | 1707 |
| NaderiBZ22 [633] | 29 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-life | meta heuristic, memetic algorithm | 1018 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NaderiBZ23 [634] | 32 | stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition | parallel machine, single machine | disjunctive, noOverlap, Disjunctive constraint | Python | Cplex, CPO | crew-scheduling, nurse, surgery, patient, operating room, automotive | | benchmark, real-world | meta heuristic, memetic algorithm | 987 | n/a |
| NuijtenA94 [657] | 5 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | C++ | Ilog Solver, CPO | | | | time-tabling | 426 | n/a |
| NuijtenA96 [658] | 16 | scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order | JSSP | disjunctive, Disjunctive constraint | | CPO | | | | time-tabling | 1336 | n/a |
| HauderBRPA20 [394] | 14 | setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower | RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem | cumulative, cycle | | OPL, Cplex | aircraft | automobile industry, food-processing industry, steel industry, processing industry | industry partner, benchmark, real-world, supplementary material | particle swarm, genetic algorithm, meta heuristic | 1064 | 1726 |
| abs-1902-09244 [393] | 62 | setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date | Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP | cycle, cumulative, endBeforeStart | | OPL, Cplex | aircraft | automobile industry, steel industry, food-processing industry, glass industry, processing industry | real-world, benchmark, industry partner | genetic algorithm, particle swarm, simulated annealing, meta heuristic | 1100 | n/a |
| NishikawaSTT18 [648] | 6 | precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task | | alternative constraint, endBeforeStart | | Cplex | robot, pipeline | | real-world, benchmark | genetic algorithm | 97 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NishikawaSTT18a [649] | 6 | CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity | | endBeforeStart, alternative constraint | | Cplex | robot, nurse, pipeline | | benchmark, real-life, real-world | genetic algorithm | 98 | n/a |
| EvenSH15 [283] | 18 | transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task | | Disjunctive constraint, cumulative, disjunctive | | OPL, Choco Solver | evacuation, emergency service | | real-life, real-world | column generation, sweep, mat heuristic, ant colony | 144 | n/a |
| EvenSH15a [284] | 16 | distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP | | disjunctive, Disjunctive constraint, cumulative | Java | Choco Solver, OPL | emergency service, evacuation | | real-world, real-life | ant colony, mat heuristic, meta heuristic, column generation, sweep | 1150 | n/a |
| BehrensLM19 [105] | 7 | resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization | | | Python | OR-Tools, MiniZinc | robot | | github, real-world | | 66 | 929 |
| abs-1901-07914 [106] | 8 | constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span | | | Python | OR-Tools, MiniZinc | robot | | real-world, github, benchmark | | 1098 | 1737 |
| NattafAL15 [640] | 21 | release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order | CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1155 | 1749 |
| NattafALR16 [642] | 34 | preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date | CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP | cumulative | C++ | Cplex | | | generated instance | sweep, energetic reasoning | 1141 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MilanoW06 [608] | 45 | release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity | single machine, parallel machine | Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint | | CHIP, ECLiPSe, Cplex, OPL | crew-scheduling | | benchmark | column generation, edge-finder, meta heuristic, timetabling, large neighborhood search, Lagrangian relaxation | 1268 | n/a |
| MilanoW09 [609] | 40 | release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity | single machine | Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint | | CHIP, SCIP, ECLiPSe, Cplex, OPL | crew-scheduling | | benchmark | column generation, edge-finder, meta heuristic, lazy clause generation, timetabling, large neighborhood search, Lagrangian relaxation | 1239 | n/a |
| Hooker05a [425] | 14 | CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness | | circuit, cumulative, disjunctive | | Ilog Scheduler, OPL, Cplex | | | | MINLP | 307 | n/a |
| Hooker06 [427] | 19 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 1266 | 1768 |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BaptisteP00 [69] | 21 | preempt, CP, cmax, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order | RCPSP | cumulative, Disjunctive constraint, disjunctive | C++ | Claire, CHIP, Ilog Scheduler | | | benchmark | energetic reasoning, edge-finding, edge-finder | 1302 | 1771 |
| BaptisteP97 [68] | 15 | preempt, CP, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order | Resource-constrained Project Scheduling Problem, RCPSP | cumulative, Disjunctive constraint, disjunctive | C++ | Claire, CHIP | | | benchmark | edge-finding, edge-finder | 395 | n/a |
| HeinzNVH22 [407] | 16 | re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, unavailability, machine, make-span, distributed, flow-shop, completion-time, CP, resource, preemptive, activity, explanation, job, constraint programming, precedence, setup-time, order | parallel machine | cumulative, noOverlap, alternative constraint | | Gurobi | high performance computing, robot, crew-scheduling | | real-world, generated instance, benchmark, gitlab | meta heuristic, genetic algorithm, Lagrangian relaxation | 1012 | 1713 |
| abs-2305-19888 [408] | 42 | sequence dependent setup, distributed, flow-shop, scheduling, order, make-span, preempt, setup-time, activity, constraint programming, machine, CP, job, re-scheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, resource, precedence, task | parallel machine | alternative constraint, noOverlap, cumulative | | Gurobi | robot, high performance computing | | gitlab, generated instance, real-world, benchmark | meta heuristic, Lagrangian relaxation, genetic algorithm | 996 | 1705 |
| Alaka21 [21] | 11 | CP, precedence, constraint programming, multi-objective, stochastic, completion-time, task, resource, cyclic scheduling, order, machine, scheduling | | cycle | | | | | real-life | meta heuristic, genetic algorithm | 1031 | n/a |
| AlakaPY19 [23] | 9 | scheduling, precedence, CP, machine, stochastic, constraint programming, order, completion-time, cyclic scheduling, multi-objective, task, resource | | bin-packing, cycle | | Cplex | | | real-life | genetic algorithm | 1078 | n/a |
| Rodriguez07b [738] | 14 | re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Z3, Ilog Solver | train schedule, railway | railway industry | | edge-finding | 281 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RodriguezS09 [740] | 14 | blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP | | circuit, disjunctive, Blocking constraint, Disjunctive constraint | | Ilog Scheduler, Ilog Solver | train schedule, railway | | | edge-finding | 247 | n/a |
| VilimBC04 [869] | 15 | scheduling, make-span, job, machine, precedence, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity | | disjunctive, cumulative | | | | | benchmark, real-life | edge-finding, not-first, not-last | 339 | n/a |
| VilimBC05 [870] | 23 | setup-time, scheduling, make-span, task, job, sequence dependent setup, batch process, machine, precedence, CLP, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity | | disjunctive, cumulative, cycle | | | | | benchmark, real-life | edge-finding, not-first, not-last, sweep | 1275 | 1770 |
| LetortBC12 [526] | 16 | constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource | psplib | cumulative, geost, Cumulatives constraint, bin-packing | Java, Prolog | Choco Solver, CHIP, SICStus | datacenter | | benchmark, random instance, Roadef | meta heuristic, sweep, edge-finding | 199 | n/a |
| LetortCB13 [527] | 16 | constraint programming, precedence, CP, order, scheduling, task, machine, make-span, resource | psplib, RCPSP | Disjunctive constraint, cumulative, disjunctive, bin-packing | Java, Prolog | Choco Solver, SICStus | | | benchmark, random instance, Roadef | energetic reasoning, meta heuristic, sweep, edge-finding | 185 | 957 |
| TranAB16 [836] | 13 | sequence dependent setup, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, setup-time, CP, make-span, explanation, single-machine scheduling, constraint logic programming, resource, precedence | PMSP, single machine, parallel machine | cycle, circuit | | SCIP, Gurobi, Cplex | aircraft | | benchmark | simulated annealing, meta heuristic, ant colony, genetic algorithm, column generation | 1146 | n/a |

Table 330: Features of Works Similar by Cosine Similarity

| Work | Pages | Concepts | Classification | Constraints | Prog Languages | CP Systems | Areas | Industries | Benchmarks | Algorithm | a | c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TranB12 [837] | 6 | setup-time, constraint programming, due-date, release-date, scheduling, CP, Logic-Based Benders Decomposition, tardiness, completion-time, Benders Decomposition, resource, make-span, single-machine scheduling, sequence dependent setup, job, order, machine, distributed, precedence, cmax | PMSP, single machine, parallel machine | circuit, cycle | C++ | Cplex | | | benchmark | column generation, meta heuristic, simulated annealing, ant colony | 205 | n/a |
| Hooker04 [423] | 12 | constraint satisfaction, machine, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, distributed, resource, precedence, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 331 | n/a |
| Hooker07 [429] | 15 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance, generated instance | MINLP, edge-finding | 1259 | n/a |
| Hooker06 [427] | 19 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance | MINLP | 1266 | 1768 |
| Hooker07 [429] | 15 | constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition | | disjunctive, cumulative, circuit | | OPL, Ilog Scheduler, Cplex | | | random instance, generated instance | MINLP, edge-finding | 1259 | n/a |

# J Missing Works

The following table shows works that are currently not included in the survey, but which are links to works currently included. The "Nr Links" field shows how many connections exist according to OpenCitations.

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1016/j.ejor.2015.11.020 (bib) | journal-article | Analysis of a parallel machine scheduling problem with sequence dependent setup times and job availability intervals | 18 | 9 | 9 | 38 | 41 |
| 10.1287/mnsc.42.6.797 (bib) | journal-article | A Fast Taboo Search Algorithm for the Job Shop Problem | 15 | 0 | 15 | 0 | 633 |
| 10.1016/0004-3702(80)90051-x (bib) | journal-article | Increasing tree search efficiency for constraint satisfaction problems | 15 | 0 | 15 | 17 | 638 |
| 10.1080/0740817x.2012.705452 (bib) | journal-article | Solving a stochastic facility location/fleet management problem with logic-based Benders' decomposition | 15 | 6 | 9 | 34 | 20 |
| 10.1007/3-540-61310-2 29 (bib) | book-chapter | A new approach to computing optimal schedules for the job-shop scheduling problem | 15 | 0 | 15 | 22 | 82 |
| 10.1007/bf01539706 (bib) | journal-article | A branch amp; bound method for the general-shop problem with sequence dependent setup-times | 14 | 0 | 14 | 15 | 73 |
| 10.1007/978-3-540-24664-0 9 (bib) | book-chapter | Generating Benders Cuts for a General Class of Integer Programming Problems | 14 | 3 | 11 | 12 | 33 |
| 10.1016/j.ejor.2019.10.014 (bib) | journal-article | Branch-Relax-and-Check: A tractable decomposition method for order acceptance and identical parallel machine scheduling | 14 | 8 | 6 | 38 | 34 |
| 10.1016/j.compchemeng.2005.09.011 (bib) | journal-article | A decomposition framework for the scheduling of single- and multi-stage processes | 14 | 8 | 6 | 30 | 82 |
| 10.1016/j.cie.2009.02.012 (bib) | journal-article | A planning and scheduling problem for an operating theatre using an open scheduling strategy | 13 | 0 | 13 | 40 | 181 |
| 10.1021/ie060449m (bib) | journal-article | Two New Continuous-Time Models for the Scheduling of Multistage Batch Plants with Sequence Dependent Changeovers | 13 | 6 | 7 | 27 | 74 |
| 10.1016/j.apm.2009.09.002 (bib) | journal-article | Mathematical models for job-shop scheduling problems with routing and process plan flexibility | 13 | 2 | 11 | 38 | 206 |
| 10.1016/j.omega.2019.03.001 (bib) | journal-article | Reformulation, linearization, and decomposition techniques for balanced distributed operating room scheduling | 13 | 9 | 4 | 53 | 24 |
| 10.1016/j.compchemeng.2006.02.008 (bib) | journal-article | State-of-the-art review of optimization methods for short-term scheduling of batch processes | 13 | 5 | 8 | 116 | 642 |
| 10.1002/9780470611227.biblio (bib) | other | Bibliography | 13 | 13 | 0 | 334 | 0 |
| 10.1007/s10845-007-0026-8 (bib) | journal-article | Mathematical modeling and heuristic approaches to flexible job shop scheduling problems | 12 | 0 | 12 | 16 | 249 |
| 10.1016/j.ijpe.2004.12.006 (bib) | journal-article | Operating rooms scheduling | 12 | 0 | 12 | 22 | 245 |
| 10.1016/s0167-5060(08)70743-x (bib) | book-chapter | Complexity of Machine Scheduling Problems | 12 | 0 | 12 | 51 | 1358 |
| 10.1016/j.omega.2015.02.001 (bib) | journal-article | Logic-based Benders decomposition for an inventory-location problem with service constraints | 12 | 6 | 6 | 23 | 46 |
| 10.1016/s0377-2217(97)00442-6 (bib) | journal-article | Computing lower bounds by destructive improvement: An application to resource-constrained project scheduling | 12 | 0 | 12 | 23 | 86 |
| 10.1287/opre.46.1.1 (bib) | journal-article | Scheduling A Major College Basketball Conference | 12 | 0 | 12 | 13 | 156 |
| 10.1287/opre.1060.0286 (bib) | journal-article | Combinatorial Benders' Cuts for Mixed-Integer Linear Programming | 12 | 6 | 6 | 27 | 272 |
| 10.1016/j.ejor.2006.03.059 (bib) | journal-article | Surgical case scheduling as a generalized job shop scheduling problem | 12 | 1 | 11 | 41 | 236 |
| 10.1287/mnsc.49.3.330.12737 (bib) | journal-article | Solving Project Scheduling Problems by Minimum Cut Computations | 11 | 2 | 9 | 55 | 135 |
| 10.1016/j.omega.2019.01.003 (bib) | journal-article | Decomposition algorithms for the integrated process planning and scheduling problem | 11 | 2 | 9 | 60 | 41 |
| 10.1016/j.ejor.2009.04.011 (bib) | journal-article | Operating room planning and scheduling: A literature review | 11 | 0 | 11 | 124 | 748 |
| 10.1016/j.ejor.2017.01.004 (bib) | journal-article | Changeover formulations for discrete-time mixed-integer programming scheduling models | 11 | 9 | 2 | 38 | 21 |
| 10.1287/mnsc.38.12.1803 (bib) | journal-article | A Branch-and-Bound Procedure for the Multiple Resource-Constrained Project Scheduling Problem | 11 | 0 | 11 | 0 | 387 |
| 10.1007/s10951-005-6364-5 (bib) | journal-article | An Advanced Tabu Search Algorithm for the Job Shop Problem | 11 | 2 | 9 | 32 | 214 |
| 10.1016/j.cie.2012.03.018 (bib) | journal-article | Parallel machine scheduling with flexible resources | 11 | 3 | 8 | 20 | 38 |
| 10.1016/j.ejor.2007.05.046 (bib) | journal-article | Round robin scheduling – a survey | 11 | 6 | 5 | 63 | 225 |
| 10.1287/opre.46.3.316 (bib) | journal-article | Branch-and-Price: Column Generation for Solving Huge Integer Programs | 11 | 0 | 11 | 44 | 1347 |
| 10.1287/ijoc.1100.0396 (bib) | journal-article | Operating Room Pooling and Parallel Surgery Processing Under Uncertainty | 10 | 0 | 10 | 45 | 159 |
| 10.1016/j.cor.2009.12.011 (bib) | journal-article | Event-based MILP models for resource-constrained project scheduling problems | 10 | 3 | 7 | 40 | 132 |
| 10.1145/378239.379017 (bib) | proceedings-article | Chaff | 10 | 0 | 10 | 0 | 1245 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1007/s10479-010-0693-2 (bib) | journal-article | A Boolean satisfiability approach to the resource-constrained project scheduling problem | 10 | 4 | 6 | 46 | 26 |
| 10.1007/s10766-007-0032-7 (bib) | journal-article | A Fast and Accurate Technique for Mapping Parallel Applications on Stream-Oriented MPSoC Platforms with Communication Awareness | 10 | 6 | 4 | 37 | 27 |
| 10.1016/j.compchemeng.2009.06.007 (bib) | journal-article | Integration of production planning and scheduling: Overview, challenges and opportunities | 10 | 8 | 2 | 106 | 273 |
| 10.1007/s00291-011-0279-7 (bib) | journal-article | An integer programming approach to elective surgery scheduling | 10 | 0 | 10 | 32 | 102 |
| 10.1287/opre.40.1.113 (bib) | journal-article | Job Shop Scheduling by Simulated Annealing | 10 | 0 | 10 | 0 | 742 |
| 10.1287/mnsc.41.10.1693 (bib) | journal-article | Characterization and Generation of a General Class of Resource-Constrained Project Scheduling Problems | 10 | 0 | 10 | 0 | 436 |
| 10.1016/s0377-2217(97)00335-4 (bib) | journal-article | A branch and bound algorithm for the resource-constrained project scheduling problem | 10 | 0 | 10 | 25 | 193 |
| 10.1287/opre.8.2.219 (bib) | journal-article | On the Job-Shop Scheduling Problem | 10 | 0 | 10 | 0 | 425 |
| 10.1007/978-3-540-30201-8 36 (bib) | book-chapter | A Regular Language Membership Constraint for Finite Sequences of Variables | 10 | 0 | 10 | 15 | 132 |
| 10.1007/978-3-540-30201-8 47 (bib) | book-chapter | A Constraint for Bin Packing | 10 | 0 | 10 | 17 | 52 |
| 10.1007/s10729-010-9143-6 (bib) | journal-article | Operational research in the management of the operating theatre: a survey | 10 | 0 | 10 | 129 | 347 |
| 10.1145/41625.41635 (bib) | proceedings-article | Constraint logic programming | 10 | 0 | 10 | 0 | 712 |
| 10.1145/79204.79210 (bib) | journal-article | An introduction to Prolog III | 10 | 0 | 10 | 25 | 292 |
| 10.1016/j.ejor.2012.09.010 (bib) | journal-article | A dual bin-packing approach to scheduling surgical cases at a publicly-funded hospital | 10 | 0 | 10 | 19 | 90 |
| 10.1016/s0098-1354(01)00729-3 (bib) | journal-article | A decomposition approach for the scheduling of a steel plant production | 9 | 1 | 8 | 23 | 164 |
| 10.1080/00207543.2016.1177236 (bib) | journal-article | Variability modelling and balancing of stochastic assembly lines | 9 | 3 | 6 | 52 | 21 |
| 10.1145/321978.321985 (bib) | journal-article | Open Shop Scheduling to Minimize Finish Time | 9 | 0 | 9 | 7 | 490 |
| 10.1287/opre.1090.0791 (bib) | journal-article | Optimal Allocation of Surgery Blocks to Operating Rooms Under Uncertainty | 9 | 0 | 9 | 36 | 256 |
| 10.1016/j.omega.2018.08.006 (bib) | journal-article | A Logic-based Decomposition Approach for Multi-Period Network Interdiction Models | 9 | 5 | 4 | 27 | 14 |
| 10.1287/ijoc.2020.1015 (bib) | journal-article | Solving the Type-2 Assembly Line Balancing with Setups Using Logic-Based Benders Decomposition | 9 | 8 | 1 | 53 | 12 |
| 10.1016/s0377-2217(02)00763-4 (bib) | journal-article | On linear lower bounds for the resource constrained project scheduling problem | 9 | 3 | 6 | 27 | 34 |
| 10.1007/bf02023076 (bib) | journal-article | Applying tabu search to the job-shop scheduling problem | 9 | 0 | 9 | 19 | 383 |
| 10.1007/bf02023073 (bib) | journal-article | Routing and scheduling in a flexible job shop by tabu search | 9 | 0 | 9 | 45 | 734 |
| 10.1111/poms.12584 (bib) | journal-article | Scheduling Methods for Efficient Stamping Operations at an Automotive Company | 9 | 7 | 2 | 35 | 9 |
| 10.1145/182.358434 (bib) | journal-article | Maintaining knowledge about temporal intervals | 9 | 0 | 9 | 18 | 4512 |
| 10.1287/mnsc.38.10.1495 (bib) | journal-article | New Search Spaces for Sequencing Problems with Application to Job Shop Scheduling | 9 | 0 | 9 | 0 | 365 |
| 10.1287/ijoc.2021.1113 (bib) | journal-article | Novel Formulations and Logic-Based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem | 9 | 7 | 2 | 55 | 16 |
| 10.1016/j.ejor.2010.03.037 (bib) | journal-article | Project scheduling with finite or infinite number of activity processing modes – A survey | 9 | 3 | 6 | 217 | 195 |
| 10.1007/s00500-021-05921-z (bib) | journal-article | New chance-constrained models for U-type stochastic assembly line balancing problem | 9 | 8 | 1 | 42 | 10 |
| 10.1002/nav.3800060205 (bib) | journal-article | An integer linear-programming model for machine scheduling | 9 | 0 | 9 | 14 | 257 |
| 10.1016/0098-1354(95)00219-7 (bib) | journal-article | Logic-based MINLP algorithms for the optimal synthesis of process networks | 9 | 0 | 9 | 24 | 251 |
| 10.1002/nav.20482 (bib) | journal-article | Benders' cuts guided large neighborhood search for the traveling umpire problem | 9 | 7 | 2 | 26 | 14 |
| 10.1007/978-3-642-23786-7 8 (bib) | book-chapter | Optimal Carpet Cutting | 9 | 5 | 4 | 22 | 11 |
| 10.1016/j.ejor.2006.06.060 (bib) | journal-article | A survey of scheduling problems with setup times or costs | 9 | 0 | 9 | 310 | 946 |
| 10.1016/j.cor.2015.06.002 (bib) | journal-article | Operating room scheduling with Generalized Disjunctive Programming | 9 | 2 | 7 | 34 | 31 |
| 10.1016/j.ejor.2006.06.078 (bib) | journal-article | A branch-and-check algorithm for minimizing the weighted number of late jobs on a single machine with release dates | 9 | 5 | 4 | 28 | 18 |
| 10.1007/bf01721162 (bib) | journal-article | A survey of priority rule-based scheduling | 9 | 0 | 9 | 137 | 347 |
| 10.1016/j.compchemeng.2015.03.020 (bib) | journal-article | Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain | 9 | 8 | 1 | 50 | 54 |
| 10.1016/0166-218x(94)90204-6 (bib) | journal-article | A branch and bound algorithm for the job-shop scheduling problem | 9 | 0 | 9 | 17 | 296 |
| 10.1016/j.ejor.2006.12.050 (bib) | journal-article | Scheduling a triple round robin tournament for the best Danish soccer league | 9 | 3 | 6 | 16 | 48 |
| 10.1016/s0166-218x(96)00116-3 (bib) | journal-article | A branch amp; bound algorithm for the open-shop problem | 9 | 0 | 9 | 16 | 103 |
| 10.1287/opre.7.5.621 (bib) | journal-article | The Schedule-Sequencing Problem | 9 | 0 | 9 | 0 | 200 |
| 10.1017/9781316650998.016 (bib) | book-part | Special Topics | 9 | 9 | 0 | 145 | 0 |
| 10.1016/j.dajour.2023.100248 (bib) | journal-article | A new cumulative scheduling model using effective continuous-time formulation and dominance rules for optimality | 9 | 9 | 0 | 41 | 0 |
| 10.1007/s10479-008-0413-3 (bib) | journal-article | Solving a tactical operating room planning problem by a column-generation-based heuristic procedure with four criteria | 8 | 0 | 8 | 19 | 103 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1080/08839514.2020.1731782 (bib) | journal-article | Problem Specific Variable Selection Rules for Constraint Programming: A Type II Mixed Model Assembly Line Balancing Problem Case | 8 | 4 | 4 | 49 | 12 |
| 10.1016/0020-0255(74)90008-5 (bib) | journal-article | Networks of constraints: Fundamental properties and applications to picture processing | 8 | 0 | 8 | 14 | 753 |
| 10.1007/11754602 10 (bib) | book-chapter | A Hybrid Benders' Decomposition Method for Solving Stochastic Constraint Programs with Linear Recourse | 8 | 5 | 3 | 17 | 9 |
| 10.1002/net.3230130102 (bib) | journal-article | Preselective strategies for the optimization of stochastic project networks under resource constraints | 8 | 0 | 8 | 35 | 107 |
| 10.1016/0166-218x(92)90252-6 (bib) | journal-article | Combinatorial aspects of construction of competition Dutch Professional Football Leagues | 8 | 0 | 8 | 17 | 70 |
| 10.1007/s11831-020-09432-2 (bib) | journal-article | A Comprehensive Review and Analysis of Operating Room and Surgery Scheduling | 8 | 7 | 1 | 182 | 35 |
| 10.1016/j.ejor.2004.04.002 (bib) | journal-article | Project scheduling under uncertainty: Survey and research potentials | 8 | 2 | 6 | 92 | 631 |
| 10.1287/ijoc.1060.0181 (bib) | journal-article | Using Decomposition Techniques and Constraint Programming for Solving the Two-Dimensional Bin-Packing Problem | 8 | 2 | 6 | 36 | 126 |
| 10.1007/978-3-540-85958-1 4 (bib) | book-chapter | Search Strategies for Rectangle Packing | 8 | 4 | 4 | 16 | 24 |
| 10.1016/j.compchemeng.2007.03.019 (bib) | journal-article | Improving unit-specific event based continuous-time approaches for batch processes: Integrality gap and task splitting | 8 | 7 | 1 | 65 | 71 |
| 10.1007/11889205 23 (bib) | book-chapter | Stochastic Allocation and Scheduling for Conditional Task Graphs in MPSoCs | 8 | 5 | 3 | 21 | 9 |
| 10.1016/j.apm.2012.03.020 (bib) | journal-article | Evaluation of mathematical models for flexible job-shop scheduling problems | 8 | 0 | 8 | 37 | 136 |
| 10.1016/j.ejor.2021.03.026 (bib) | journal-article | Four decades of research on the open-shop scheduling problem to minimize the makespan | 8 | 4 | 4 | 299 | 43 |
| 10.1002/nav.3800010110 (bib) | journal-article | Optimal two- and three-stage production schedules with setup times included | 8 | 0 | 8 | 2 | 2229 |
| 10.1007/978-3-540-24664-0 24 (bib) | book-chapter | Problem Decomposition for Traffic Diversions | 8 | 4 | 4 | 9 | 8 |
| 10.1016/0004-3702(92)90006-j (bib) | journal-article | Constraint satisfaction using constraint logic programming | 8 | 1 | 7 | 79 | 97 |
| 10.1007/978-3-540-48085-3 27 (bib) | book-chapter | Tight Cooperation and Its Application in Piecewise Linear Optimization | 8 | 2 | 6 | 24 | 20 |
| 10.1146/annurev-chembioeng-060713-035859 (bib) | journal-article | Advances in Mixed-Integer Programming Methods for Chemical Production Scheduling | 8 | 7 | 1 | 121 | 30 |
| 10.1017/s0269888900001089 (bib) | journal-article | Bridging the gap between planning and scheduling | 8 | 0 | 8 | 0 | 91 |
| 10.1007/978-3-642-04244-7 28 (bib) | book-chapter | Solving a Location-Allocation Problem with Logic-Based Benders' Decomposition | 8 | 2 | 6 | 7 | 14 |
| 10.1016/0098-1354(93)e0010-7 (bib) | journal-article | Modelling and computational techniques for logic based integer programming | 8 | 0 | 8 | 22 | 416 |
| 10.1016/s0925-5273(03)00087-2 (bib) | journal-article | Operating theatre planning | 8 | 0 | 8 | 21 | 208 |
| 10.1002/jos.91 (bib) | journal-article | Heuristics for scheduling with inventory: dynamic focus via constraint criticality | 8 | 6 | 2 | 31 | 8 |
| 10.1016/j.compchemeng.2018.03.004 (bib) | journal-article | Satisfiability modulo theories for process systems engineering | 8 | 7 | 1 | 94 | 11 |
| 10.1145/1452044.1452046 (bib) | journal-article | Efficient constraint propagation engines | 8 | 1 | 7 | 40 | 70 |
| 10.1016/j.dam.2003.09.009 (bib) | journal-article | Jackson's pseudo-preemptive schedule and cumulative scheduling problems | 8 | 1 | 7 | 25 | 16 |
| 10.1016/s0377-2217(99)00488-9 (bib) | journal-article | Using intelligent backtracking to improve branch-and-bound methods: An application to Open-Shop problems | 8 | 0 | 8 | 19 | 35 |
| 10.1287/mnsc.44.2.262 (bib) | journal-article | Guided Local Search with Shifting Bottleneck for Job Shop Scheduling | 8 | 0 | 8 | 27 | 253 |
| 10.1007/s43069-022-00134-y (bib) | journal-article | Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review | 8 | 7 | 1 | 264 | 4 |
| 10.1016/j.sorms.2014.09.001 (bib) | journal-article | Queueing-theoretic approaches for dynamic scheduling: A survey | 8 | 8 | 0 | 279 | 6 |
| 10.1007/s00170-011-3454-8 (bib) | journal-article | Solution approaches for a real-life resource-constrained parallel machine scheduling problem | 8 | 8 | 0 | 45 | 30 |
| 10.1007/978-3-642-35852-4 1 (bib) | book-chapter | A Collaborative Framework between a Scheduling System and a Holonic Manufacturing Execution System | 8 | 8 | 0 | 33 | 12 |
| 10.1016/j.trb.2022.06.004 (bib) | journal-article | Joint berth allocation and ship loader scheduling under the rotary loading mode in coal export terminals | 8 | 8 | 0 | 65 | 5 |
| 10.1016/j.eswa.2022.117292 (bib) | journal-article | Formulation and exact algorithms for electric vehicle production routing problem | 8 | 8 | 0 | 87 | 4 |
| 10.2139/ssrn.912231 (bib) | journal-article | A Branch-and-Check Algorithm for Minimizing the Sum of the Weights of the Late Jobs on a Single Machine with Release Dates | 8 | 8 | 0 | 27 | 0 |
| 10.1021/ie061569x (bib) | journal-article | Constraint Programming Based Robust Sensor Network Design | 8 | 8 | 0 | 39 | 14 |
| 10.1007/s10951-008-0097-1 (bib) | journal-article | The traveling tournament problem with predefined venues | 7 | 3 | 4 | 19 | 17 |
| 10.1016/j.ejor.2009.09.024 (bib) | journal-article | The hybrid flow shop scheduling problem | 7 | 0 | 7 | 225 | 573 |
| 10.1016/j.jmsy.2022.04.018 (bib) | journal-article | Workforce planning and production scheduling in a reconfigurable manufacturing system facing the COVID-19 pandemic | 7 | 5 | 2 | 49 | 15 |
| 10.1007/bfb0033845 (bib) | book-chapter | An open-ended finite domain constraint solver | 7 | 2 | 5 | 29 | 142 |
| 10.1016/j.cor.2017.11.011 (bib) | journal-article | Large neighborhood search with constraint programming for a vehicle routing problem with synchronization constraints | 7 | 0 | 7 | 22 | 42 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1007/978-1-4615-1043-7 1 (bib) | book-chapter | A Framework for Integrating Solution Methods | 7 | 5 | 2 | 31 | 4 |
| 10.1287/mnsc.42.9.1229 (bib) | journal-article | Mixed 0-1 Programming by Lift-and-Project in a Branch-and-Cut Framework | 7 | 0 | 7 | 0 | 168 |
| 10.1007/3-540-58601-6 111 (bib) | book-chapter | Logic-based methods for optimization | 7 | 0 | 7 | 12 | 39 |
| 10.1145/322290.322292 (bib) | journal-article | A Sufficient Condition for Backtrack-Free Search | 7 | 0 | 7 | 16 | 384 |
| 10.1287/mnsc.47.8.1113.10226 (bib) | journal-article | On Maximizing the Net Present Value of a Project Under Renewable Resource Constraints | 7 | 0 | 7 | 20 | 77 |
| 10.1016/j.ejor.2012.11.029 (bib) | journal-article | Personnel scheduling: A literature review | 7 | 0 | 7 | 306 | 527 |
| 10.1016/j.ejor.2017.01.002 (bib) | journal-article | Models and matheuristics for the unrelated parallel machine scheduling problem with additional resources | 7 | 2 | 5 | 34 | 107 |
| 10.1016/j.ejor.2021.06.012 (bib) | journal-article | A survey of scheduling with parallel batch (p-batch) processing | 7 | 6 | 1 | 309 | 61 |
| 10.1016/0377-2217(87)90240-2 (bib) | journal-article | Project scheduling with resource constraints: A branch and bound approach | 7 | 0 | 7 | 15 | 256 |
| 10.1007/bf01719451 (bib) | journal-article | Tabu search for the job-shop scheduling problem with multi-purpose machines | 7 | 0 | 7 | 24 | 300 |
| 10.1287/trsc.32.1.12 (bib) | journal-article | An Exact Constraint Logic Programming Algorithm for the Traveling Salesman Problem with Time Windows | 7 | 0 | 7 | 25 | 96 |
| 10.1021/ie050730l (bib) | journal-article | New Continuous-Time MILP Model for the Short-Term Scheduling of Multistage Batch Plants | 7 | 3 | 4 | 19 | 81 |
| 10.1007/3-540-45578-7 43 (bib) | book-chapter | The Traveling Tournament Problem Description and Benchmarks | 7 | 1 | 6 | 7 | 90 |
| 10.1016/j.cor.2008.11.012 (bib) | journal-article | Sequencing surgical cases in a day-care environment: An exact branch-and-price approach | 7 | 0 | 7 | 28 | 117 |
| 10.1016/s0377-2217(01)00338-1 (bib) | journal-article | Job-shop scheduling with blocking and no-wait constraints | 7 | 0 | 7 | 40 | 323 |
| 10.1287/opre.2013.1221 (bib) | journal-article | Multivalued Decision Diagrams for Sequencing Problems | 7 | 4 | 3 | 28 | 65 |
| 10.1007/978-3-540-30201-8 41 (bib) | book-chapter | Impact-Based Search Strategies for Constraint Programming | 7 | 0 | 7 | 15 | 120 |
| 10.1007/978-3-540-48085-3 28 (bib) | book-chapter | Arc Consistency for Global Cardinality Constraints with Costs | 7 | 1 | 6 | 12 | 27 |
| 10.1016/j.cie.2009.01.005 (bib) | journal-article | Scheduling an operating theatre under human resource constraints | 7 | 0 | 7 | 19 | 107 |
| 10.1023/b:josh.0000046076.75950.0b (bib) | journal-article | The State of the Art of Nurse Rostering | 7 | 0 | 7 | 0 | 621 |
| 10.1016/j.ejor.2013.02.042 (bib) | journal-article | Parallel machine scheduling with additional resources: Notation, classification, models and solution methods | 7 | 2 | 5 | 64 | 115 |
| 10.1002/jos.73 (bib) | journal-article | Solving the open shop scheduling problem | 7 | 1 | 6 | 29 | 54 |
| 10.1007/s13218-011-0161-4 (bib) | journal-article | firstCS—New Aspects on Combining Constraint Programming with Object-Orientation in Java | 7 | 6 | 1 | 19 | 2 |
| 10.1007/bf02085636 (bib) | journal-article | The job-shop problem and immediate selection | 7 | 0 | 7 | 10 | 35 |
| 10.1109/12.769433 (bib) | journal-article | GRASP: a search algorithm for propositional satisfiability | 7 | 0 | 7 | 39 | 831 |
| 10.1016/s0377-2217(99)00485-3 (bib) | journal-article | Experimental evaluation of state-of-the-art heuristics for the resource-constrained project scheduling problem | 7 | 0 | 7 | 39 | 334 |
| 10.1287/trsc.1030.0078 (bib) | journal-article | Hybrid Column Generation Approaches for Urban Transit Crew Management Problems | 7 | 1 | 6 | 31 | 42 |
| 10.1007/978-3-030-19212-9 9 (bib) | book-chapter | A Constraint Programming Approach to Electric Vehicle Routing with Time Windows | 7 | 6 | 1 | 31 | 8 |
| 10.1145/2838733 (bib) | journal-article | A Logic-Based Benders Decomposition Approach for Mapping Applications on Heterogeneous Multicore Platforms | 7 | 6 | 1 | 38 | 15 |
| 10.1016/j.cor.2004.09.030 (bib) | journal-article | Semidefinite programming based approaches to the break minimization problem | 7 | 2 | 5 | 12 | 20 |
| 10.1007/s10878-018-0322-6 (bib) | journal-article | Operating room planning and surgical case scheduling: a review of literature | 7 | 5 | 2 | 236 | 119 |
| 10.1016/s0167-5060(08)70821-5 (bib) | book-chapter | Computational Complexity of Discrete Optimization Problems | 7 | 0 | 7 | 57 | 197 |
| 10.1016/j.cor.2006.02.024 (bib) | journal-article | A very fast TS/SA algorithm for the job shop scheduling problem | 7 | 2 | 5 | 33 | 174 |
| 10.1007/978-3-540-72397-4 24 (bib) | book-chapter | Bender's Cuts Guided Large Neighborhood Search for the Traveling Umpire Problem | 7 | 6 | 1 | 12 | 8 |
| 10.1007/s10951-013-0354-9 (bib) | journal-article | A preemptive bound for the Resource Constrained Project Scheduling Problem | 7 | 6 | 1 | 27 | 7 |
| 10.1287/mnsc.43.11.1485 (bib) | journal-article | New Benchmark Results for the Resource-Constrained Project Scheduling Problem | 7 | 0 | 7 | 0 | 161 |
| 10.1016/j.cor.2018.03.008 (bib) | journal-article | Solving a selective dial-a-ride problem with logic-based Benders decomposition | 7 | 3 | 4 | 45 | 23 |
| 10.1007/978-3-319-66158-2 8 (bib) | book-chapter | Arc Consistency via Linear Programming | 7 | 6 | 1 | 26 | 1 |
| 10.1080/095281399146607 (bib) | journal-article | Handling contingency in temporal constraint networks: from consistency to controllabilities | 7 | 0 | 7 | 35 | 105 |
| 10.1017/9781316650998.017 (bib) | book-chapter | Solution Methods: Sequential Environments | 7 | 7 | 0 | 24 | 0 |
| 10.1007/978-3-319-44953-1 35 (bib) | book-chapter | Optimal Performance Tuning in Real-Time Systems Using Multi-objective Constrained Optimization | 7 | 7 | 0 | 43 | 2 |
| 10.1007/978-3-540-32220-7 10 (bib) | book-chapter | Scheduling in Job Shops | 7 | 7 | 0 | 143 | 0 |
| 10.1007/978-981-15-1918-5 7 (bib) | book-chapter | Genetic Algorithms for Creating Large Job Shop Dispatching Rules | 7 | 7 | 0 | 34 | 1 |
| 10.1016/j.ejor.2022.05.033 (bib) | journal-article | Order assignment and scheduling under processing and distribution time uncertainty | 7 | 7 | 0 | 54 | 6 |
| 10.1002/9781118033036.refs (bib) | other | References | 7 | 7 | 0 | 253 | 0 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1007/978-3-319-05443-8 27 (bib) | book-chapter | Benders Decomposition Approach for Project Scheduling with Multi-Purpose Resources | 7 | 7 | 0 | 32 | 3 |
| 10.1287/ijoc.2023.1280 (bib) | journal-article | Network Migration Problem: A Hybrid Logic-Based Benders Decomposition Approach | 7 | 7 | 0 | 29 | 0 |
| 10.1007/s43069-023-00242-3 (bib) | journal-article | Computational Evaluation of Cut-Strengthening Techniques in Logic-Based Benders' Decomposition | 7 | 7 | 0 | 23 | 1 |
| 10.1016/j.cor.2021.105332 (bib) | journal-article | Optimization of the integrated problem of employee timetabling and job shop scheduling | 7 | 7 | 0 | 86 | 6 |
| 10.1016/j.compchemeng.2003.11.006 (bib) | journal-article | Part II. Future perspective on optimization | 7 | 7 | 0 | 161 | 144 |
| 10.1007/978-3-319-93031-2 40 (bib) | book-chapter | Revisiting the Self-adaptive Large Neighborhood Search | 7 | 7 | 0 | 34 | 4 |
| 10.1007/s10951-016-0489-6 (bib) | journal-article | Scheduling operating rooms: achievements, challenges and pitfalls | 6 | 2 | 4 | 283 | 143 |
| 10.1109/mis.2005.25 (bib) | journal-article | Constraints and AI Planning | 6 | 4 | 2 | 68 | 42 |
| 10.1007/978-1-4419-8917-8 (bib) | book | Constraint and Integer Programming | 6 | 0 | 6 | 0 | 27 |
| 10.1007/s10729-007-9019-6 (bib) | journal-article | Surgical block scheduling in a system of hospitals: an application to resource and wait list management in a British Columbia health authority | 6 | 0 | 6 | 15 | 114 |
| 10.1016/s0377-2217(97)00305-6 (bib) | journal-article | A branch-and-bound procedure for the resource-constrained project scheduling problem with generalized precedence relations | 6 | 0 | 6 | 41 | 98 |
| 10.1016/j.cie.2018.09.030 (bib) | journal-article | Uncertainty in advance scheduling problem in operating room planning | 6 | 3 | 3 | 50 | 32 |
| 10.1007/s10479-005-3968-2 (bib) | journal-article | Integer-Programming Software Systems | 6 | 3 | 3 | 60 | 146 |
| 10.1016/j.ejor.2011.01.011 (bib) | journal-article | A genetic algorithm for the unrelated parallel machine scheduling problem with sequence dependent setup times | 6 | 0 | 6 | 32 | 276 |
| 10.1016/j.ejor.2006.10.060 (bib) | journal-article | A branch-and-price approach for integrating nurse and surgery scheduling | 6 | 1 | 5 | 50 | 124 |
| 10.1007/3-540-44629-x 15 (bib) | book-chapter | A Schedule-Then-Break Approach to Sports Timetabling | 6 | 0 | 6 | 27 | 32 |
| 10.1007/bf02430364 (bib) | journal-article | Testing heuristics: We have it all wrong | 6 | 0 | 6 | 16 | 250 |
| 10.1016/j.ejor.2021.08.047 (bib) | journal-article | Exact optimization and decomposition approaches for shelf space allocation | 6 | 3 | 3 | 57 | 9 |
| 10.1016/j.cor.2005.01.013 (bib) | journal-article | Sweep synchronization as a global propagation mechanism | 6 | 1 | 5 | 11 | 8 |
| 10.1145/359642.359654 (bib) | journal-article | Synthesizing constraint expressions | 6 | 0 | 6 | 24 | 295 |
| 10.1287/mnsc.41.1.94 (bib) | journal-article | The One-Machine Problem with Delayed Precedence Constraints and its Use in Job Shop Scheduling | 6 | 0 | 6 | 0 | 109 |
| 10.1016/j.ejor.2022.02.043 (bib) | journal-article | A logic-based Benders decomposition for microscopic railway timetable planning | 6 | 5 | 1 | 34 | 12 |
| 10.1007/978-3-540-24800-2 (bib) | book | Project Scheduling with Time Windows and Scarce Resources | 6 | 0 | 6 | 0 | 170 |
| 10.1007/978-3-540-24662-6 12 (bib) | book-chapter | Reduce-To-The-Opt – A Specialized Search Algorithm for Contiguous Task Scheduling | 6 | 4 | 2 | 16 | 3 |
| 10.1126/science.220.4598.671 (bib) | journal-article | Optimization by Simulated Annealing | 6 | 0 | 6 | 32 | 29914 |
| 10.1287/mnsc.44.5.714 (bib) | journal-article | An Exact Algorithm for the Resource-Constrained Project Scheduling Problem Based on a New Mathematical Formulation | 6 | 0 | 6 | 29 | 238 |
| 10.1007/s10845-020-01537-6 (bib) | journal-article | Transfer-robot task scheduling in flexible job shop | 6 | 4 | 2 | 33 | 34 |
| 10.1016/s0098-1354(01)00671-8 (bib) | journal-article | An MILP continuous-time approach to short-term scheduling of resource-constrained multistage flowshop batch facilities | 6 | 1 | 5 | 14 | 172 |
| 10.1016/j.ejor.2021.06.017 (bib) | journal-article | Logic-based Benders decomposition method for the seru scheduling problem with sequence-dependent setup time and DeJong's learning effect | 6 | 5 | 1 | 70 | 38 |
| 10.1016/j.cor.2016.09.009 (bib) | journal-article | Logic based Benders' decomposition for orthogonal stock cutting problems | 6 | 4 | 2 | 50 | 43 |
| 10.1007/978-1-4419-8917-8 1 (bib) | book-chapter | Constraint and Integer Programming | 6 | 4 | 2 | 40 | 5 |
| 10.1287/opre.25.1.45 (bib) | journal-article | A Survey of Scheduling Rules | 6 | 0 | 6 | 0 | 864 |
| 10.1057/jors.1990.166 (bib) | journal-article | OR-Library: Distributing Test Problems by Electronic Mail | 6 | 0 | 6 | 0 | 1115 |
| 10.1287/opre.42.4.614 (bib) | journal-article | Devising a Cost Effective Schedule for a Baseball League | 6 | 0 | 6 | 0 | 66 |
| 10.1287/opre.24.4.774 (bib) | journal-article | Technical Note—Finding Some Essential Characteristics of the Feasible Solutions for a Scheduling Problem | 6 | 0 | 6 | 0 | 50 |
| 10.1007/s10107-004-0518-7 (bib) | journal-article | Exploring relaxation induced neighborhoods to improve MIP solutions | 6 | 3 | 3 | 35 | 338 |
| 10.1007/978-3-540-74472-6 65 (bib) | book-chapter | Evaluating Optimization Models to Solve SALBP | 6 | 0 | 6 | 8 | 13 |
| 10.1016/j.ejor.2019.07.023 (bib) | journal-article | RobinX: A three-field classification and unified data format for round-robin sports timetabling | 6 | 5 | 1 | 97 | 41 |
| 10.1177/0142331208100099 (bib) | journal-article | Incremental propagation rules for a precedence graph with optional activities and time windows | 6 | 4 | 2 | 15 | 5 |
| 10.1016/j.asoc.2021.108233 (bib) | journal-article | Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search | 6 | 5 | 1 | 49 | 8 |
| 10.1007/978-3-540-24664-0 26 (bib) | book-chapter | Dispatching and Conflict-Free Routing of Automated Guided Vehicles: A Hybrid Approach Combining Constraint Programming and Mixed Integer Programming | 6 | 0 | 6 | 4 | 11 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1002/net.21736 (bib) | journal-article | Full-load route planning for balancing bike sharing systems by logic-based benders decomposition | 6 | 4 | 2 | 50 | 25 |
| 10.1287/mnsc.46.10.1365.12272 (bib) | journal-article | A Time-Oriented Branch-and-Bound Algorithm for Resource-Constrained Project Scheduling with Generalised Precedence Constraints | 6 | 3 | 3 | 28 | 80 |
| 10.1016/j.ejor.2005.03.061 (bib) | journal-article | Heuristics for the mirrored traveling tournament problem | 6 | 2 | 4 | 31 | 78 |
| 10.1111/itor.12199 (bib) | journal-article | A research survey: review of flexible job shop scheduling techniques | 6 | 0 | 6 | 212 | 285 |
| 10.1007/3-540-45578-7 14 (bib) | book-chapter | Network Flow Problems in Constraint Programming | 6 | 4 | 2 | 17 | 9 |
| 10.1287/mnsc.16.5.357 (bib) | journal-article | Cash Flows in Networks | 6 | 0 | 6 | 0 | 155 |
| 10.1016/s0305-0548(97)00031-2 (bib) | journal-article | Variable neighborhood search | 6 | 0 | 6 | 10 | 2874 |
| 10.1007/978-3-319-26580-3 (bib) | book | Scheduling | 6 | 0 | 6 | 0 | 299 |
| 10.1016/s0377-2217(99)00494-4 (bib) | journal-article | A new LP-based lower bound for the cumulative scheduling problem | 6 | 2 | 4 | 16 | 17 |
| 10.1016/0004-3702(86)90083-4 (bib) | journal-article | Arc and path consistency revisited | 6 | 0 | 6 | 8 | 348 |
| 10.1287/opre.2013.1248 (bib) | journal-article | Combinatorial Benders' Cuts for the Strip Packing Problem | 6 | 4 | 2 | 41 | 74 |
| 10.1080/00207543.2018.1476786 (bib) | journal-article | A realistic multi-manned five-sided mixed-model assembly line balancing and scheduling problem with moving workers and limited workspace | 6 | 2 | 4 | 54 | 33 |
| 10.1007/978-3-642-23786-7 23 (bib) | book-chapter | Half Reification and Flattening | 6 | 2 | 4 | 17 | 15 |
| 10.1016/0167-6377(93)90002-x (bib) | journal-article | The integer L-shaped method for stochastic integer programs with complete recourse | 6 | 0 | 6 | 16 | 488 |
| 10.1007/978-3-540-48085-3 19 (bib) | book-chapter | A Framework for Constraint Programming Based Column Generation | 6 | 2 | 4 | 15 | 37 |
| 10.1080/09537287.2010.543563 (bib) | journal-article | Advanced planning and scheduling technology | 6 | 5 | 1 | 27 | 30 |
| 10.1287/ijoc.1080.0307 (bib) | journal-article | A Constraint Programming Approach for Solving a Queueing Design and Control Problem | 6 | 3 | 3 | 21 | 12 |
| 10.1287/opre.8.4.487 (bib) | journal-article | Algorithms for Solving Production-Scheduling Problems | 6 | 0 | 6 | 0 | 510 |
| 10.1016/j.cor.2007.02.019 (bib) | journal-article | A new particle swarm optimization for the open shop scheduling problem | 6 | 0 | 6 | 27 | 122 |
| 10.1109/samos.2016.7818373 (bib) | proceedings-article | A hybrid approach for mapping and scheduling on heterogeneous multicore systems | 6 | 5 | 1 | 20 | 3 |
| 10.1016/j.cor.2010.08.012 (bib) | journal-article | A bilevel decomposition algorithm for simultaneous production scheduling and conflict-free routing for automated guided vehicles | 6 | 5 | 1 | 26 | 89 |
| 10.1287/mnsc.20.5.822 (bib) | journal-article | Multicommodity Distribution System Design by Benders Decomposition | 6 | 0 | 6 | 0 | 788 |
| 10.1016/0098-1354(93)80015-f (bib) | journal-article | A general algorithm for short-term scheduling of batch operations—I. MILP formulation | 6 | 0 | 6 | 16 | 959 |
| 10.1007/11493853 20 (bib) | book-chapter | Combining Arc-Consistency and Dual Lagrangean Relaxation for Filtering CSPs | 6 | 5 | 1 | 20 | 8 |
| 10.1007/11493853 17 (bib) | book-chapter | Improving the Cooperation Between the Master Problem and the Subproblem in Constraint Programming Based Column Generation | 6 | 1 | 5 | 19 | 11 |
| 10.1007/11493853 12 (bib) | book-chapter | Constraint Programming Based Column Generation for Employee Timetabling | 6 | 1 | 5 | 12 | 20 |
| 10.1016/j.cie.2009.04.019 (bib) | journal-article | Operating theatre scheduling with patient recovery in both operating rooms and recovery beds | 6 | 0 | 6 | 16 | 91 |
| 10.1021/ie970927g (bib) | journal-article | Effective Continuous-Time Formulation for Short-Term Scheduling. 1. Multipurpose Batch Processes | 6 | 0 | 6 | 14 | 422 |
| 10.1016/j.ejor.2015.04.008 (bib) | journal-article | Surgical scheduling with simultaneous employment of specialised human resources | 6 | 1 | 5 | 35 | 37 |
| 10.1016/j.cor.2008.08.013 (bib) | journal-article | Solving an integrated employee timetabling and job-shop scheduling problem via hybrid branch-and-bound | 6 | 3 | 3 | 30 | 39 |
| 10.1021/ie00048a015 (bib) | journal-article | A Continuous Time Mixed Integer Linear Programming Model for Short Term Scheduling of Multistage Batch Plants | 6 | 0 | 6 | 0 | 249 |
| 10.1201/9780203489802 (bib) | book | Handbook of Scheduling | 6 | 0 | 6 | 0 | 226 |
| 10.1007/3-540-45349-0 6 (bib) | book-chapter | Global Constraints as Graph Properties on a Structured Network of Elementary Constraints of the Same Type | 6 | 3 | 3 | 17 | 45 |
| 10.1007/s10601-006-9003-7 (bib) | journal-article | A Cost-Regular Based Hybrid Column Generation Approach | 6 | 0 | 6 | 27 | 71 |
| 10.1007/978-3-642-19754-3 23 (bib) | book-chapter | An Approximative Criterion for the Potential of Energetic Reasoning | 6 | 2 | 4 | 8 | 6 |
| 10.1016/j.cor.2004.09.025 (bib) | journal-article | Scheduling the Italian Football League: an ILP-based approach | 6 | 1 | 5 | 7 | 56 |
| 10.1007/978-3-319-93031-2 28 (bib) | book-chapter | Objective Landscapes for Constraint Programming | 6 | 4 | 2 | 14 | 2 |
| 10.1016/j.compchemeng.2005.12.014 (bib) | journal-article | An efficient MILP model for the short-term scheduling of single stage batch plants | 6 | 4 | 2 | 26 | 49 |
| 10.1016/s0377-2217(02)00136-4 (bib) | journal-article | A branch-and-bound procedure for the multi-mode resource-constrained project scheduling problem with minimum and maximum time lags | 6 | 0 | 6 | 26 | 85 |
| 10.1007/978-3-540-74970-7 15 (bib) | book-chapter | A Generic Geometrical Constraint Kernel in Space and Time for Handling Polymorphic k-Dimensional Objects | 6 | 3 | 3 | 12 | 22 |
| 10.1016/0004-3702(87)90002-6 (bib) | journal-article | Network-based heuristics for constraint-satisfaction problems | 6 | 0 | 6 | 38 | 384 |
| 10.1016/j.ejor.2015.01.032 (bib) | journal-article | An object-coding genetic algorithm for integrated process planning and scheduling | 6 | 0 | 6 | 48 | 81 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1016/j.apm.2016.01.006 (bib) | journal-article | Parallel machine scheduling with tool loading | 6 | 4 | 2 | 30 | 30 |
| 10.1007/s10951-010-0222-9 (bib) | journal-article | A survey of problems, solution techniques, and future challenges in scheduling semiconductor manufacturing operations | 6 | 0 | 6 | 120 | 297 |
| 10.1007/3-540-45628-7 19 (bib) | book-chapter | Constraint Logic Programming | 6 | 6 | 0 | 84 | 8 |
| 10.1007/978-3-030-78230-6 3 (bib) | book-chapter | Strengthening of Feasibility Cuts in Logic-Based Benders Decomposition | 6 | 6 | 0 | 20 | 2 |
| 10.1016/j.ces.2015.05.021 (bib) | journal-article | On the solution of large-scale mixed integer programming scheduling models | 6 | 6 | 0 | 76 | 20 |
| 10.3390/pr5040069 (bib) | journal-article | A General State-Space Formulation for Online Scheduling | 6 | 6 | 0 | 83 | 25 |
| 10.1007/978-3-319-98977-8 8 (bib) | book-chapter | The Four-Level Model of Planning and Decision Making | 6 | 6 | 0 | 151 | 9 |
| 10.1007/0-387-32942-0 3 (bib) | book-chapter | Logic-Based Modeling | 6 | 6 | 0 | 40 | 0 |
| 10.1016/j.cor.2022.105916 (bib) | journal-article | Logic-based Benders decomposition with a partial assignment acceleration technique for avionics scheduling | 6 | 6 | 0 | 42 | 5 |
| 10.1007/978-3-642-14309-0 4 (bib) | book-chapter | Constraint Logic Programming | 6 | 6 | 0 | 141 | 7 |
| 10.1016/j.cie.2016.06.002 (bib) | journal-article | An integrated approach to optimise sugarcane rail operations | 6 | 6 | 0 | 28 | 16 |
| 10.1002/aic.11972 (bib) | journal-article | Efficient optimization strategies with constraint programming | 6 | 6 | 0 | 26 | 3 |
| 10.1109/codit.2013.6689654 (bib) | proceedings-article | Permutation flowshop problem with time lags scheduling by logic-based Benders decomposition | 6 | 6 | 0 | 13 | 0 |
| 10.1007/978-1-4419-1644-0 5 (bib) | book-chapter | Hybrid Solving Techniques | 6 | 6 | 0 | 32 | 0 |
| 10.1080/23302674.2023.2221072 (bib) | journal-article | Solving the flexible job shop scheduling and lot streaming problem with setup and transport resource constraints | 6 | 6 | 0 | 66 | 2 |
| 10.1016/j.cie.2021.107542 (bib) | journal-article | The generalized flexible job shop scheduling problem | 6 | 6 | 0 | 59 | 12 |
| 10.1016/j.cie.2022.108760 (bib) | journal-article | Scheduling and batching with evolutionary algorithms in simulation–optimization of an industrial formulation plant | 6 | 6 | 0 | 62 | 6 |
| 10.1016/j.ejor.2010.03.046 (bib) | journal-article | Multicriteria models for planning power-networking events | 6 | 6 | 0 | 35 | 0 |
| 10.1016/j.procs.2022.01.366 (bib) | journal-article | Flexible job-shop scheduling with release dates, deadlines and sequence dependent setup times: a real-world case | 6 | 6 | 0 | 34 | 4 |
| 10.1007/978-3-030-02538-0 5 (bib) | book-chapter | Solution Approach | 6 | 6 | 0 | 30 | 0 |
| 10.1007/s11590-014-0761-7 (bib) | journal-article | Upper and lower bounds for the permutation flowshop scheduling problem with minimal time lags | 6 | 6 | 0 | 20 | 11 |
| 10.1145/3332373 (bib) | journal-article | Combinatorial Register Allocation and Instruction Scheduling | 6 | 6 | 0 | 100 | 13 |
| 10.1007/s10951-006-8596-4 (bib) | journal-article | A case study of mutual routing-scheduling reformulation | 6 | 6 | 0 | 28 | 3 |
| 10.1007/3-540-45746-1 11 (bib) | book-chapter | Ensuring the Satisfaction of Structural Constraints | 6 | 6 | 0 | 197 | 1 |
| 10.1007/s10479-011-0962-8 (bib) | journal-article | A decomposition approach for solving a broadcast domination network design problem | 6 | 6 | 0 | 38 | 5 |
| 10.1109/icmet.2010.5598388 (bib) | proceedings-article | Multi-objective planning and scheduling | 6 | 6 | 0 | 11 | 0 |
| 10.1145/3200920 (bib) | journal-article | Survey on Combinatorial Register Allocation and Instruction Scheduling | 6 | 6 | 0 | 154 | 7 |
| 10.1007/s12008-023-01414-5 (bib) | journal-article | New formulation for scheduling flexible flow shop problems | 6 | 6 | 0 | 67 | 0 |
| 10.1111/itor.13108 (bib) | journal-article | Shop scheduling in manufacturing environments: a review | 6 | 6 | 0 | 425 | 8 |
| 10.1007/s10479-010-0737-7 (bib) | journal-article | Local search and constraint programming for the post enrolment-based course timetabling problem | 6 | 6 | 0 | 28 | 45 |
| 10.1016/j.cor.2011.04.006 (bib) | journal-article | A cutting plane approach for integrated planning and scheduling | 6 | 6 | 0 | 28 | 17 |
| 10.1016/b978-0-12-409547-2.14341-0 (bib) | book-chapter | Chemical Production Scheduling | 6 | 6 | 0 | 104 | 1 |
| 10.1021/ie200841a (bib) | journal-article | Hybrid Mathematical Programming Discrete-Event Simulation Approach for Large-Scale Scheduling Problems | 6 | 6 | 0 | 45 | 27 |
| 10.1109/tits.2022.3155072 (bib) | journal-article | The Drone Scheduling Problem: A Systematic State-of-the-Art Review | 5 | 3 | 2 | 179 | 47 |
| 10.1007/978-3-319-33954-2 5 (bib) | book-chapter | Logic-Based Decomposition Methods for the Travelling Purchaser Problem | 5 | 4 | 1 | 27 | 3 |
| 10.1016/b978-155860890-0/50017-7 (bib) | book-chapter | Bibliography | 5 | 4 | 1 | 303 | 1 |
| 10.1007/s10601-008-9041-4 (bib) | journal-article | The Design of the Zinc Modelling Language | 5 | 0 | 5 | 30 | 85 |
| 10.1016/s0377-2217(02)00205-9 (bib) | journal-article | A knowledge-based evolutionary strategy for scheduling problems with bottlenecks | 5 | 4 | 1 | 26 | 67 |
| 10.1016/j.compchemeng.2007.06.012 (bib) | journal-article | Batch selection, assignment and sequencing in multi-stage multi-product processes | 5 | 3 | 2 | 31 | 59 |
| 10.1007/978-3-319-44953-1 4 (bib) | book-chapter | Improved Linearization of Constraint Programming Models | 5 | 2 | 3 | 28 | 18 |
| 10.1109/access.2022.3229709 (bib) | journal-article | A Two-Stage Genetic Artificial Bee Colony Algorithm for Solving Integrated Operating Room Planning and Scheduling Problem With Capacity Constraints of Downstream Wards | 5 | 4 | 1 | 70 | 5 |
| 10.1016/j.cor.2009.06.019 (bib) | journal-article | The distributed permutation flowshop scheduling problem | 5 | 0 | 5 | 55 | 390 |
| 10.1080/00207543.2010.497174 (bib) | journal-article | A study on open shop scheduling to minimise total tardiness | 5 | 0 | 5 | 34 | 22 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1007/978-3-319-23219-5 37 (bib) | book-chapter | Power Capping in High Performance Computing Systems | 5 | 3 | 2 | 29 | 21 |
| 10.1007/978-3-642-85983-0 7 (bib) | book-chapter | Applying Constraints for Scheduling | 5 | 2 | 3 | 33 | 16 |
| 10.1007/s12351-018-0381-6 (bib) | journal-article | Bounded dynamic programming algorithm for the job shop problem with sequence dependent setup times | 5 | 4 | 1 | 30 | 5 |
| 10.1016/j.ejor.2007.10.040 (bib) | journal-article | Project selection, scheduling and resource allocation with time dependent returns | 5 | 2 | 3 | 72 | 90 |
| 10.1016/0166-218x(90)90104-k (bib) | journal-article | Formulating the single machine sequencing problem with release dates as a mixed integer program | 5 | 0 | 5 | 8 | 174 |
| 10.1016/j.cie.2015.02.006 (bib) | journal-article | Project scheduling under partially renewable resources and resource consumption during setup operations | 5 | 3 | 2 | 28 | 23 |
| 10.1145/258916.258933 (bib) | journal-article | Efficient formulation for optimal modulo schedulers | 5 | 0 | 5 | 19 | 20 |
| 10.1016/s0377-2217(99)00153-8 (bib) | journal-article | Scheduling with batching: A review | 5 | 0 | 5 | 83 | 714 |
| 10.1016/s1574-6526(07)03004-0 (bib) | book-chapter | Chapter 4 Constraint Programming | 5 | 4 | 1 | 149 | 33 |
| 10.1016/j.ijpe.2006.08.030 (bib) | journal-article | Solving surgical cases assignment problem by a branch-and-price approach | 5 | 0 | 5 | 18 | 113 |
| 10.1016/0191-2615(89)90001-5 (bib) | journal-article | The crane scheduling problem | 5 | 0 | 5 | 31 | 288 |
| 10.1016/j.ijpe.2004.03.008 (bib) | journal-article | Assembly line balancing: Two resource constrained cases | 5 | 0 | 5 | 11 | 55 |
| 10.1007/s00291-003-0155-1 (bib) | journal-article | Tight LP bounds for resource constrained project scheduling | 5 | 0 | 5 | 0 | 42 |
| 10.1016/j.cherd.2016.10.035 (bib) | journal-article | From rescheduling to online scheduling | 5 | 3 | 2 | 109 | 78 |
| 10.1080/00207540802010781 (bib) | journal-article | A scatter search heuristic for maximising the net present value of a resource-constrained project with fixed activity cash flows | 5 | 0 | 5 | 34 | 34 |
| 10.1016/j.cor.2019.04.010 (bib) | journal-article | Operating room scheduling by considering the decision-making styles of surgical team members: A comprehensive approach | 5 | 3 | 2 | 85 | 28 |
| 10.1007/s10288-009-0101-4 (bib) | journal-article | Constraint programming-based column generation | 5 | 3 | 2 | 43 | 16 |
| 10.1007/s10479-010-0683-4 (bib) | journal-article | Global propagation of side constraints for solving over-constrained problems | 5 | 4 | 1 | 29 | 3 |
| 10.1016/j.cie.2015.01.006 (bib) | journal-article | Integrated operating room planning and scheduling problem with assistant surgeon dependent surgery durations | 5 | 2 | 3 | 48 | 58 |
| 10.1287/opre.43.6.1058 (bib) | journal-article | A Time Window Approach to Simultaneous Scheduling of Machines and Material Handling System in an FMS | 5 | 0 | 5 | 0 | 190 |
| 10.1007/s00366-020-01044-5 (bib) | journal-article | Mathematical programming approach to productivity improvement in wind turbine-blade manufacturing through a case study | 5 | 4 | 1 | 28 | 2 |
| 10.1007/s00170-012-4675-1 (bib) | journal-article | Balancing and scheduling of flexible mixed model assembly lines with parallel stations | 5 | 4 | 1 | 47 | 19 |
| 10.1007/pl00013356 (bib) | journal-article | Truncated branch-and-bound, schedule-construction, and schedule-improvement procedures for resource-constrained project scheduling | 5 | 0 | 5 | 0 | 48 |
| 10.1287/mnsc.28.10.1197 (bib) | journal-article | Resource-Constrained Project Scheduling with Time-Resource Tradeoffs: The Nonpreemptive Case | 5 | 0 | 5 | 0 | 296 |
| 10.1016/j.cor.2022.105731 (bib) | journal-article | A survey of job shop scheduling problem: The types and models | 5 | 3 | 2 | 345 | 70 |
| 10.1016/0377-2217(94)90332-8 (bib) | journal-article | Study of a NP-hard cyclic scheduling problem: The recurrent job-shop | 5 | 0 | 5 | 17 | 80 |
| 10.1287/mnsc.42.10.1395 (bib) | journal-article | A Branch and Bound Procedure for the Resource Constrained Project Scheduling Problem with Discounted Cash Flows | 5 | 0 | 5 | 0 | 67 |
| 10.1021/ie900734x (bib) | journal-article | Optimal Short-Term Scheduling of Large-Scale Multistage Batch Plants | 5 | 1 | 4 | 22 | 44 |
| 10.1016/j.orl.2004.06.004 (bib) | journal-article | A polynomial-time algorithm to find an equitable home–away assignment | 5 | 1 | 4 | 13 | 36 |
| 10.1080/03155986.2020.1734901 (bib) | journal-article | A simulated annealing for a daily operating room scheduling problem under constraints of uncertainty and setup | 5 | 4 | 1 | 23 | 4 |
| 10.1016/s0305-0548(02)00063-1 (bib) | journal-article | A symbiotic evolutionary algorithm for the integration of process planning and job shop scheduling | 5 | 0 | 5 | 34 | 269 |
| 10.1007/3-540-45749-6 11 (bib) | book-chapter | SCIL — Symbolic Constraints in Integer Linear Programming | 5 | 2 | 3 | 29 | 10 |
| 10.1007/978-1-4419-8917-8 4 (bib) | book-chapter | Global Constraints and Filtering Algorithms | 5 | 4 | 1 | 56 | 9 |
| 10.1080/00207543.2010.481294 (bib) | journal-article | Assembly line balancing: general resource-constrained case | 5 | 0 | 5 | 33 | 41 |
| 10.1016/j.ejor.2018.05.056 (bib) | journal-article | Algorithms for the unrelated parallel machine scheduling problem with a resource constraint | 5 | 1 | 4 | 20 | 44 |
| 10.1016/j.ejor.2014.12.030 (bib) | journal-article | A follow-up survey of berth allocation and quay crane scheduling problems in container terminals | 5 | 1 | 4 | 148 | 401 |
| 10.1007/s101070100263 (bib) | journal-article | Benchmarking optimization software with performance profiles | 5 | 0 | 5 | 0 | 2804 |
| 10.1145/321694.321699 (bib) | journal-article | Theoretical Improvements in Algorithmic Efficiency for Network Flow Problems | 5 | 0 | 5 | 7 | 1563 |
| 10.1016/j.ijpe.2007.01.005 (bib) | journal-article | Heuristics for scheduling in a no-wait open shop with movable dedicated machines | 5 | 0 | 5 | 22 | 23 |
| 10.1007/s10601-006-6849-7 (bib) | journal-article | Stochastic Constraint Programming: A Scenario-Based Approach | 5 | 0 | 5 | 25 | 60 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1016/s0377-2217(02)00762-2 (bib) | journal-article | Lower bounds for resource-constrained project scheduling problems | 5 | 1 | 4 | 27 | 54 |
| 10.1016/j.ejor.2020.04.050 (bib) | journal-article | An adaptive large neighbourhood search heuristic for routing and scheduling feeder vessels in multi-terminal ports | 5 | 4 | 1 | 45 | 17 |
| 10.1016/0305-0548(93)e0016-m (bib) | journal-article | Evolution based learning in a job shop scheduling environment | 5 | 0 | 5 | 66 | 214 |
| 10.1002/aic.14021 (bib) | journal-article | Valid Inequalities Based on Demand Propagation for Chemical Production Scheduling MIP Models | 5 | 3 | 2 | 50 | 39 |
| 10.1007/11889205 42 (bib) | book-chapter | Compiling Finite Linear CSP into SAT | 5 | 1 | 4 | 21 | 20 |
| 10.1016/0377-2217(90)90419-c (bib) | journal-article | An algorithm for disjunctive programs | 5 | 0 | 5 | 15 | 69 |
| 10.1080/00207543.2018.1501166 (bib) | journal-article | Mathematical modelling and optimisation of energy-conscious hybrid flow shop scheduling problem with unrelated parallel machines | 5 | 0 | 5 | 54 | 101 |
| 10.1016/j.ejor.2019.07.056 (bib) | journal-article | A satisfiability and workload-based exact method for the resource constrained project scheduling problem with generalized precedence constraints | 5 | 4 | 1 | 27 | 8 |
| 10.1287/opre.35.2.254 (bib) | journal-article | Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints | 5 | 0 | 5 | 0 | 2729 |
| 10.1007/s10479-009-0568-6 (bib) | journal-article | A pre-assignment heuristic algorithm for the Master Surgical Schedule Problem (MSSP) | 5 | 0 | 5 | 14 | 60 |
| 10.1016/j.disopt.2009.05.004 (bib) | journal-article | Cutting plane algorithms for solving a stochastic edge-partition problem | 5 | 4 | 1 | 25 | 9 |
| 10.1016/j.apm.2014.04.012 (bib) | journal-article | Hybrid flexible flowshop problems: Models and solution methods | 5 | 0 | 5 | 28 | 57 |
| 10.1016/j.compchemeng.2019.106517 (bib) | journal-article | On the design of online production scheduling algorithms | 5 | 4 | 1 | 66 | 19 |
| 10.1007/3-540-45578-7 7 (bib) | book-chapter | Symmetry Breaking | 5 | 0 | 5 | 10 | 82 |
| 10.1080/00207543.2013.827806 (bib) | journal-article | Mathematical modelling and a meta-heuristic for flexible job shop scheduling | 5 | 0 | 5 | 38 | 62 |
| 10.1007/978-3-319-66158-2 37 (bib) | book-chapter | Branch-and-Check with Explanations for the Vehicle Routing Problem with Time Windows | 5 | 4 | 1 | 31 | 2 |
| 10.1016/j.orl.2017.02.001 (bib) | journal-article | On the strength of time-indexed formulations for the resource-constrained project scheduling problem | 5 | 0 | 5 | 22 | 38 |
| 10.1111/j.1467-8640.2005.00278.x (bib) | journal-article | APPLYING MACHINE LEARNING TO LOW-KNOWLEDGE CONTROL OF OPTIMIZATION ALGORITHMS | 5 | 2 | 3 | 22 | 39 |
| 10.1007/s001860200251 (bib) | journal-article | Project scheduling with inventory constraints | 5 | 0 | 5 | 0 | 72 |
| 10.1007/s10951-008-0067-7 (bib) | journal-article | Job shop scheduling with setup times, deadlines and precedence constraints | 5 | 1 | 4 | 14 | 63 |
| 10.1155/2018/5341394 (bib) | journal-article | Application of Operational Research Techniques in Operating Room Scheduling Problems: Literature Overview | 5 | 3 | 2 | 139 | 42 |
| 10.1016/j.ijpe.2014.06.011 (bib) | journal-article | Modeling and scheduling no-wait open shop problems | 5 | 0 | 5 | 29 | 24 |
| 10.1287/ijoc.13.2.96.10515 (bib) | journal-article | Representations of the all different Predicate of Constraint Satisfaction in Integer Programming | 5 | 2 | 3 | 20 | 30 |
| 10.1007/s11047-016-9607-9 (bib) | journal-article | A multi-objective ACO for operating room scheduling optimization | 5 | 1 | 4 | 29 | 25 |
| 10.1145/361219.361224 (bib) | journal-article | Backtrack programming techniques | 5 | 0 | 5 | 23 | 171 |
| 10.1016/j.ejor.2010.06.002 (bib) | journal-article | MIP-based decomposition strategies for large-scale scheduling problems in multiproduct multistage batch plants: A benchmark scheduling problem of the pharmaceutical industry | 5 | 0 | 5 | 26 | 84 |
| 10.1007/3-540-45349-0 15 (bib) | book-chapter | Cutting Planes in Constraint Programming: An Hybrid Approach | 5 | 1 | 4 | 23 | 17 |
| 10.1007/s00500-016-2181-3 (bib) | journal-article | Hybrid genetic algorithm to solve resource constrained assembly line balancing problem in footwear manufacturing | 5 | 0 | 5 | 36 | 19 |
| 10.1002/(sici)1099-1425(200001/02)3:1¡3::aid-jos32¿3.0.co;2-y (bib) | journal-article | Effective neighbourhood functions for the flexible job shop problem | 5 | 0 | 5 | 28 | 299 |
| 10.1109/tsmcc.2007.900661 (bib) | journal-article | Improving Robustness of Spacecraft Downlink Schedules | 5 | 3 | 2 | 8 | 10 |
| 10.1007/s10479-008-0383-5 (bib) | journal-article | On the separability of subproblems in Benders decompositions | 5 | 4 | 1 | 18 | 1 |
| 10.1016/j.compchemeng.2011.02.014 (bib) | journal-article | A novel optimization method to automated wet-etch station scheduling in semiconductor manufacturing systems | 5 | 4 | 1 | 37 | 18 |
| 10.1016/s1571-0653(04)00002-2 (bib) | journal-article | Solving TSP through the Integration of OR and CP Techniques | 5 | 0 | 5 | 13 | 18 |
| 10.1016/j.compchemeng.2004.05.002 (bib) | journal-article | Continuous-time versus discrete-time approaches for scheduling of chemical processes: a review | 5 | 0 | 5 | 121 | 526 |
| 10.1007/978-3-319-10428-7 32 (bib) | book-chapter | CIP and MIQP Models for the Load Balancing Nurse-to-Patient Assignment Problem | 5 | 4 | 1 | 28 | 3 |
| 10.1016/j.ejor.2009.05.031 (bib) | journal-article | A survey of berth allocation and quay crane scheduling problems in container terminals | 5 | 0 | 5 | 114 | 598 |
| 10.1016/0098-1354(93)80016-g (bib) | journal-article | A general algorithm for short-term scheduling of batch operations—II. Computational issues | 5 | 0 | 5 | 13 | 289 |
| 10.1007/978-3-319-05443-8 21 (bib) | book-chapter | Overview and State of the Art | 5 | 2 | 3 | 135 | 15 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1007/978-3-642-21311-3 19 (bib) | book-chapter | Almost Square Packing | 5 | 4 | 1 | 20 | 3 |
| 10.1016/s0360-8352(02)00065-7 (bib) | journal-article | Advanced scheduling problem using constraint programming techniques in SCM environment | 5 | 0 | 5 | 19 | 20 |
| 10.1007/s10601-006-9010-8 (bib) | journal-article | Global Constraint Catalogue: Past, Present and Future | 5 | 4 | 1 | 81 | 43 |
| 10.1007/978-1-4614-1900-6 (bib) | book | Integrated Methods for Optimization | 5 | 0 | 5 | 0 | 45 |
| 10.1016/j.cie.2020.106777 (bib) | journal-article | SMT encodings for Resource-Constrained Project Scheduling Problems | 5 | 3 | 2 | 62 | 8 |
| 10.1080/00207543.2014.980463 (bib) | journal-article | A new scheduling technique for the resource–constrained project scheduling problem with discounted cash flows | 5 | 3 | 2 | 30 | 38 |
| 10.1145/1065887.1065889 (bib) | journal-article | When do bounds and domain propagation lead to the same search space? | 5 | 2 | 3 | 25 | 18 |
| 10.1023/b:anor.0000030682.25673.c0 (bib) | journal-article | Scheduling Malleable Tasks on Parallel Processors to Minimize the Makespan | 5 | 0 | 5 | 0 | 53 |
| 10.1016/0377-2217(91)90304-e (bib) | journal-article | Mathematical programming formulations for machine scheduling: A survey | 5 | 0 | 5 | 59 | 119 |
| 10.1016/j.ejor.2016.08.041 (bib) | journal-article | A generalized classification scheme for crane scheduling with interference | 5 | 1 | 4 | 130 | 94 |
| 10.1080/00207543.2019.1579934 (bib) | journal-article | Job shop scheduling with the option of jobs outsourcing | 5 | 4 | 1 | 40 | 13 |
| 10.1016/0004-3702(71)90010-5 (bib) | journal-article | Strips: A new approach to the application of theorem proving to problem solving | 5 | 0 | 5 | 11 | 2220 |
| 10.1016/s0191-2615(02)00045-0 (bib) | journal-article | A tabu search heuristic for the static multi-vehicle dial-a-ride problem | 5 | 0 | 5 | 30 | 475 |
| 10.1007/s11590-013-0692-8 (bib) | journal-article | Branch-and-price approach for the multi-skill project scheduling problem | 5 | 3 | 2 | 34 | 41 |
| 10.1016/j.cor.2004.09.037 (bib) | journal-article | Scheduling the professional soccer leagues of Austria and Germany | 5 | 3 | 2 | 27 | 68 |
| 10.1016/j.ejor.2005.09.034 (bib) | journal-article | Computing redundant resources for the resource constrained project scheduling problem | 5 | 3 | 2 | 20 | 29 |
| 10.1007/978-3-642-33558-7 4 (bib) | book-chapter | A Generic Method for Identifying and Exploiting Dominance Relations | 5 | 3 | 2 | 27 | 5 |
| 10.1016/j.cor.2022.106136 (bib) | journal-article | A branch-and-price-and-cut algorithm for operating room scheduling under human resource constraints | 5 | 4 | 1 | 35 | 8 |
| 10.1287/inte.1090.0492 (bib) | journal-article | A Review of Operations Research in Mine Planning | 5 | 0 | 5 | 110 | 250 |
| 10.1007/3-540-61551-2 68 (bib) | book-chapter | Speeding up constraint propagation by redundant modeling | 5 | 2 | 3 | 22 | 19 |
| 10.1007/978-3-319-93031-2 30 (bib) | book-chapter | Modelling and Solving the Senior Transportation Problem | 5 | 2 | 3 | 11 | 9 |
| 10.1016/j.omega.2020.102311 (bib) | journal-article | Just-in-time two-dimensional bin packing | 5 | 3 | 2 | 46 | 17 |
| 10.1007/978-3-540-74970-7 48 (bib) | book-chapter | On Universal Restart Strategies for Backtracking Search | 5 | 0 | 5 | 17 | 8 |
| 10.1287/ijoc.8.3.302 (bib) | journal-article | Job Shop Scheduling by Local Search | 5 | 0 | 5 | 0 | 139 |
| 10.1002/9781118627372 (bib) | monograph | Integer and Combinatorial Optimization | 5 | 0 | 5 | 0 | 2488 |
| 10.1287/ijoc.1040.0121 (bib) | journal-article | A Branch-and-Cut Procedure for the Multimode Resource-Constrained Project-Scheduling Problem | 5 | 0 | 5 | 23 | 85 |
| 10.1016/j.ijpe.2017.05.014 (bib) | journal-article | A bi-objective integrated approach to building surgical teams and nurse schedule rosters to maximise surgical team affinities and minimise nurses' idle time | 5 | 2 | 3 | 50 | 17 |
| 10.1007/0-387-27744-7 1 (bib) | book-chapter | Is Scheduling a Solved Problem? | 5 | 4 | 1 | 88 | 16 |
| 10.3390/pr7070438 (bib) | journal-article | Optimization-Based Scheduling for the Process Industries: From Theory to Real-Life Industrial Applications | 5 | 4 | 1 | 131 | 47 |
| 10.1002/9783527631209.ch40 (bib) | other | Production Planning in Process Systems Engineering | 5 | 5 | 0 | 75 | 0 |
| 10.1080/00207543.2023.2245918 (bib) | journal-article | Makespan estimation in a flexible job-shop scheduling environment using machine learning | 5 | 5 | 0 | 48 | 3 |
| 10.1016/j.ejor.2023.05.017 (bib) | journal-article | The flexible job shop scheduling problem: A review | 5 | 5 | 0 | 220 | 8 |
| 10.1145/2491845.2491847 (bib) | proceedings-article | The constraint of difference and total dual integrality | 5 | 5 | 0 | 26 | 1 |
| 10.3390/math9151730 (bib) | journal-article | A Bender's Algorithm of Decomposition Used for the Parallel Machine Problem of Robotic Cell | 5 | 5 | 0 | 41 | 3 |
| 10.1016/j.swevo.2022.101149 (bib) | journal-article | A novel BRKGA for the customer order scheduling with missing operations to minimize total tardiness | 5 | 5 | 0 | 62 | 2 |
| 10.1016/j.artint.2023.103974 (bib) | journal-article | Automatic generation of dominance breaking nogoods for a class of constraint optimization problems | 5 | 5 | 0 | 70 | 0 |
| 10.1007/978-3-319-05443-8 2 (bib) | book-chapter | Mixed-Integer Linear Programming Formulations | 5 | 5 | 0 | 36 | 25 |
| 10.1007/978-3-662-04363-9 8 (bib) | book-chapter | Scheduling in Job Shops | 5 | 5 | 0 | 126 | 0 |
| 10.1016/j.procs.2022.12.301 (bib) | journal-article | Solving large scale industrial production scheduling problems with complex constraints: an overview of the state-of-the-art | 5 | 5 | 0 | 45 | 2 |
| 10.1109/ssci.2018.8628827 (bib) | proceedings-article | Dispatching Rules Revisited-A Large Scale Job Shop Scheduling Experiment | 5 | 5 | 0 | 29 | 1 |
| 10.1016/j.cor.2022.105915 (bib) | journal-article | A novel constraint programming and simulated annealing for disassembly line balancing problem with AND/OR precedence and sequence dependent setup times | 5 | 5 | 0 | 65 | 9 |
| 10.35378/gujs.681151 (bib) | journal-article | Minimization of Number of Tool Switching Instants in Automated Manufacturing Systems | 5 | 5 | 0 | 30 | 0 |
| 10.1016/j.tre.2022.102949 (bib) | journal-article | An exact algorithm for scheduling tandem quay crane operations in container terminals | 5 | 5 | 0 | 47 | 6 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1287/ijoc.2020.1036 (bib) | journal-article | Logic-Based Benders Decomposition and Binary Decision Diagram Based Approaches for Stochastic Distributed Operating Room Scheduling | 5 | 5 | 0 | 43 | 4 |
| 10.1016/j.compchemeng.2017.12.003 (bib) | journal-article | Combining the advantages of discrete- and continuous-time scheduling models: Part 1. Framework and mathematical formulations | 5 | 5 | 0 | 66 | 39 |
| 10.1007/978-3-540-32220-7 13 (bib) | book-chapter | Constraint Programming and Disjunctive Scheduling | 5 | 5 | 0 | 63 | 0 |
| 10.1007/978-3-662-43505-2 62 (bib) | book-chapter | Integration of Metaheuristics and Constraint Programming | 5 | 5 | 0 | 84 | 3 |
| 10.1007/s11590-011-0320-4 (bib) | journal-article | Polylithic modeling and solution approaches using algebraic modeling systems | 5 | 5 | 0 | 53 | 28 |
| 10.1002/aic.10617 (bib) | journal-article | Enterprise-wide optimization: A new frontier in process systems engineering | 5 | 5 | 0 | 86 | 412 |
| 10.22331/q-2021-09-28-550 (bib) | journal-article | Quantum-accelerated constraint programming | 5 | 5 | 0 | 83 | 8 |
| 10.1007/978-3-540-24664-0 7 (bib) | book-chapter | SAT-Based Branch amp; Bound and Optimal Control of Hybrid Dynamical Systems | 5 | 5 | 0 | 23 | 3 |
| 10.1080/00207543.2022.2139002 (bib) | journal-article | Dynamic allocation of human resources: case study in the metal 4.0 manufacturing industry | 5 | 5 | 0 | 49 | 2 |
| 10.1007/s10479-022-04686-4 (bib) | journal-article | Stochastic weekly operating room planning with an exponential number of scenarios | 5 | 5 | 0 | 46 | 11 |
| 10.1109/access.2017.2696118 (bib) | journal-article | New efficient lower bound for the Hybrid Flow Shop Scheduling Problem with Multiprocessor Tasks | 5 | 5 | 0 | 53 | 4 |
| 10.1002/9783527619856.ch15 (bib) | other | Production Scheduling | 5 | 5 | 0 | 162 | 1 |
| 10.1007/s10601-017-9269-y (bib) | journal-article | Efficient filtering for the Resource-Cost AllDifferent constraint | 5 | 5 | 0 | 33 | 0 |
| 10.1109/access.2021.3057366 (bib) | journal-article | An Immune Genetic Algorithm for Solving NPV-Based Resource Constrained Project Scheduling Problem | 5 | 5 | 0 | 100 | 23 |
| 10.1016/s0743-1066(99)00063-1 (bib) | journal-article | Introduction to the constraint language NCL | 5 | 5 | 0 | 42 | 10 |
| 10.1016/j.asoc.2021.108262 (bib) | journal-article | Novel hybrid discrete differential evolution algorithm for the multi-stage multi-purpose batch plant scheduling problem | 5 | 5 | 0 | 52 | 4 |
| 10.1002/9783527631278.ch9 (bib) | other | Production Planning in Process Systems Engineering | 5 | 5 | 0 | 75 | 0 |
| 10.1016/j.cor.2021.105603 (bib) | journal-article | Assembly planning by disjunctive programming and geometrical reasoning | 5 | 5 | 0 | 42 | 0 |
| 10.1016/j.cor.2017.09.017 (bib) | journal-article | A guided local search with iterative ejections of bottleneck operations for the job shop scheduling problem | 5 | 5 | 0 | 25 | 17 |
| 10.1007/s10107-010-0390-6 (bib) | journal-article | A polyhedral approach to the alldifferent system | 5 | 5 | 0 | 32 | 9 |
| 10.1007/s40747-021-00601-9 (bib) | journal-article | Decomposition approaches for parallel machine scheduling of step-deteriorating jobs to minimize total tardiness and energy consumption | 5 | 5 | 0 | 58 | 1 |
| 10.1007/s10472-016-9522-x (bib) | journal-article | Submodularity and its application to some global constraints | 5 | 5 | 0 | 25 | 1 |
| 10.1007/978-0-387-74759-0 398 (bib) | book-chapter | Modeling Difficult Optimization Problems | 5 | 5 | 0 | 39 | 6 |
| 10.1007/978-3-030-58475-7 44 (bib) | book-chapter | The Confidence Constraint: A Step Towards Stochastic CP Solvers | 5 | 5 | 0 | 20 | 0 |
| 10.1134/s0040579514050182 (bib) | journal-article | Challenges in the application of mathematical programming in the enterprise-wide optimization of process industries | 5 | 5 | 0 | 150 | 26 |
| 10.1109/ssci50451.2021.9660171 (bib) | proceedings-article | Introducing Human Corrective Multi-Team SRR Sports Scheduling via Reinforcement Learning | 5 | 5 | 0 | 28 | 0 |
| 10.1002/9780470611050.ch9 (bib) | other | Shop Scheduling with Multiple Resources | 5 | 5 | 0 | 113 | 0 |
| 10.1007/s10951-022-00750-w (bib) | journal-article | Packing-based branch-and-bound for discrete malleable task scheduling | 5 | 5 | 0 | 40 | 2 |
| 10.1007/978-0-387-88617-6 1 (bib) | book-chapter | Challenges in Enterprise Wide Optimization for the Process Industries | 5 | 5 | 0 | 237 | 8 |
| 10.1109/tac.2006.876949 (bib) | journal-article | Logic-Based Solution Methods for Optimal Control of Hybrid Systems | 5 | 5 | 0 | 49 | 47 |
| 10.1051/ro:2007004 (bib) | journal-article | Des explications pour reconnaître et exploiter les structures cachées d'un problème combinatoire | 5 | 5 | 0 | 26 | 0 |
| 10.1007/978-3-642-27660-6 49 (bib) | book-chapter | MAK€– A System for Modelling, Optimising, and Analyzing Production in Small and Medium Enterprises | 5 | 5 | 0 | 20 | 1 |
| 10.1007/s12351-021-00663-0 (bib) | journal-article | Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints | 5 | 5 | 0 | 53 | 1 |
| 10.1016/j.cie.2022.108201 (bib) | journal-article | A comparative study of modeling and solution approaches for the multi-mode resource-constrained discrete time–cost trade-off problem: Case study of an ERP implementation project | 5 | 5 | 0 | 80 | 4 |
| 10.1080/0951192x.2012.688141 (bib) | journal-article | Multi-site scheduling under production and transportation constraints | 5 | 5 | 0 | 49 | 13 |
| 10.1007/978-3-642-00675-3 3 (bib) | book-chapter | Efficient Edge-Finding on Unary Resources with Optional Activities | 5 | 5 | 0 | 8 | 0 |
| 10.1007/s10601-006-9002-8 (bib) | journal-article | Identifying and Exploiting Problem Structures Using Explanation-based Constraint Programming | 5 | 5 | 0 | 26 | 9 |
| 10.1155/2016/5102616 (bib) | journal-article | A Hybrid Programming Framework for Modeling and Solving Constraint Satisfaction and Optimization Problems | 5 | 5 | 0 | 15 | 39 |

Table 331: Missing Work

| DOI | Type | Title | Nr Links | Nr References | Nr Citations | Crossref References | Crossref Citations |
|---|---|---|---|---|---|---|---|
| 10.1080/00207543.2022.2152890 (bib) | journal-article | Research on balancing and sequencing problems of flexible mixed model assembly lines with alternative precedence relations | 5 | 5 | 0 | 51 | 2 |
| 10.36306/konjes.589835 (bib) | journal-article | KISIT PROGRAMLAMA VE HEDEF PROGRAMLAMA ENTEGRASYONU İLE VARDİYA ÇİZELGELEMESİ: HİDROELEKTRİK SANTRAL UYGULAMASI | 5 | 5 | 0 | 48 | 2 |
| 10.1016/s1574-6526(06)80029-5 (bib) | book-chapter | Constraint Applications in Networks | 5 | 5 | 0 | 72 | 12 |
| 10.3390/app10248887 (bib) | journal-article | Two-Stage Optimization Model for Life Cycle Maintenance Scheduling of Bridge Infrastructure | 5 | 5 | 0 | 60 | 3 |

# K Missing DOI

The following works do not have a DOI entry in their bib entry. This might be due to an non-standard or defunct publisher, but for many works a DOI should exist. It would be helpful to add these to the bib entries, so that the OpenCitation and Crossref lookup procedures can report the appropriate numbers for citations and references.

Table 332: Works with Missing DOI (Total 130)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AbdennadherS99 AbdennadherS99 | S. Abdennadher, H. Schlenker | Nurse Scheduling using Constraint Logic Programming | Yes | [2] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 447 | n/a |
| Arkhipov19 Arkhipov19 | D. Arkhipov | Planification socio-responsable du travail dans les chaînes de montage d'aéronefs : comment satisfaire à la fois objectifs ergonomiques et économiques | No | [36] | 2019 | Toulouse 3 | null | 0 0 0 | 0 0 | No | n/a |
| Astrand21 Astrand21 | M. Åstrand | Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming | Yes | [50] | 2021 | Royal Institute of Technology, Stockholm, Sweden | 142 | 0 0 0 | 0 0 | 3148 | n/a |
| Baptiste02 Baptiste02 | P. Baptiste | Résultats de complexité et programmation par contraintes pour l'ordonnancement | Yes | [62] | 2002 | Université de Technologie de Compiègne | 237 | 0 0 0 | 0 0 | 3149 | n/a |
| BaptisteP95 BaptisteP95 | P. Baptiste, C. L. Pape | A Theoretical and Experimental Comparison of Constraint Propagation Techniques for Disjunctive Scheduling | Yes | [67] | 1995 | IJCAI 1995 | 7 | 0 0 0 | 0 0 | 473 | n/a |
| BarbulescuWH04 BarbulescuWH04 | L. Barbulescu, L. D. Whitley, A. E. Howe | Leap Before You Look: An Effective Strategy in an Oversubscribed Scheduling Problem | Yes | [72] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 475 | n/a |
| Bartak14 Bartak14 | R. Barták | Planning and Scheduling | No | [76] | 2014 | Computing Handbook, Third Edition: Computer Science and Software Engineering | null | 0 0 0 | 0 0 | No | n/a |
| Beck06 Beck06 | J. C. Beck | An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling | Yes | [86] | 2006 | ICAPS 2006 | 10 | 0 0 0 | 0 0 | 482 | n/a |
| Beck99 Beck99 | J. C. Beck | Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling | Yes | [85] | 1999 | University of Toronto, Canada | 418 | 0 0 0 | 0 0 | 3150 | n/a |
| BeckDSF97 BeckDSF97 | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Beyond Contention: Extending Texture-Based Scheduling Heuristics | Yes | [91] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 485 | n/a |
| BeckDSF97a BeckDSF97a | J. C. Beck, A. J. Davenport, E. M. Sitarski, M. S. Fox | Texture-Based Heuristics for Scheduling Revisited | Yes | [92] | 1997 | AAAI 1997 | 8 | 0 0 0 | 0 0 | 486 | n/a |
| BeckF99 BeckF99 | J. C. Beck, M. S. Fox | Scheduling Alternative Activities | Yes | [95] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 487 | n/a |
| BeckPS03 BeckPS03 | J. C. Beck, P. Prosser, E. Selensky | Vehicle Routing and Job Shop Scheduling: What's the Difference? | Yes | [98] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 488 | n/a |
| BeckW04 BeckW04 | J. C. Beck, N. Wilson | Job Shop Scheduling with Probabilistic Durations | Yes | [100] | 2004 | ECAI 2004 | 5 | 0 0 0 | 0 0 | 489 | n/a |
| BeckW05 BeckW05 | J. C. Beck, N. Wilson | Proactive Algorithms for Scheduling with Probabilistic Durations | Yes | [101] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 490 | n/a |
| BeniniBGM05a BeniniBGM05a | L. Benini, D. Bertozzi, A. Guerri, M. Milano | Allocation and Scheduling for MPSoCs via decomposition and no-good generation | Yes | [119] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 499 | n/a |
| BidotVLB07 BidotVLB07 | J. Bidot, T. Vidal, P. Laborie, J. C. Beck | A General Framework for Scheduling in a Stochastic Environment | Yes | [129] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 507 | n/a |
| BonfiettiM12 BonfiettiM12 | A. Bonfietti, M. Milano | A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem | Yes | [152] | 2012 | DC SIAAI 2012 | 3 | 0 0 0 | 0 0 | 520 | n/a |

Table 332: Works with Missing DOI (Total 130)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BoucherBVBL97 BoucherBVBL97 | E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard | Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Schedulingt Problem | No | [159] | 1997 | PACT 1997 | 18 | 0 0 0 | 0 0 | No | n/a |
| BreitingerL95 BreitingerL95 | S. Breitinger, H. C. R. Lock | Using Constraint Logic Programming for Industrial Scheduling Problems | No | [164] | 1995 | Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence | 27 | 0 0 0 | 0 0 | No | n/a |
| Caballero19 Caballero19 | J. C. Caballero | Scheduling Through Logic-Based Tools | Yes | [174] | 2019 | Universitat de Girona, Spain | 194 | 0 0 0 | 0 0 | 3151 | n/a |
| CatusseCBL16 CatusseCBL16 | N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A.-M. Lagrange, P. Rubini | A Branch-and-Price Algorithm for Scheduling Observations on a Telescope | Yes | [193] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 536 | n/a |
| CestaOF99 CestaOF99 | A. Cesta, A. Oddi, S. F. Smith | An Iterative Sampling Procedure for Resource Constrained Project Scheduling with Time Windows | Yes | [200] | 1999 | IJCAI 1999 | 12 | 0 0 0 | 0 0 | 539 | n/a |
| CestaOS00 CestaOS00 | A. Cesta, A. Oddi, S. F. Smith | Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems | Yes | [201] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 540 | n/a |
| ChuGNSW13 ChuGNSW13 | G. Chu, S. Gaspers, N. Narodytska, A. Schutt, T. Walsh | On the Complexity of Global Scheduling Constraints under Structural Restrictions | Yes | [204] | 2013 | IJCAI 2013 | 7 | 0 0 0 | 0 0 | 543 | n/a |
| ChunCTY99 ChunCTY99 | A. H. W. Chun, S. H. C. Chan, F. M. F. Tsang, D. W. M. Yeung | HKIA SAS: A Constraint-Based Airport Stand Allocation System Developed with Software Components | Yes | [206] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 545 | n/a |
| Clercq12 Clercq12 | A. D. Clercq | Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions | Yes | [235] | 2012 | Ecole des Mines de Nantes | 196 | 0 0 0 | 0 0 | 3152 | n/a |
| CrawfordB94 CrawfordB94 | J. M. Crawford, A. B. Baker | Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems | Yes | [221] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 553 | n/a |
| Dejemeppe16 Dejemeppe16 | C. Dejemeppe | Constraint programming algorithms and models for scheduling applications | Yes | [238] | 2016 | Catholic University of Louvain, Louvain-la-Neuve, Belgium | 274 | 0 0 0 | 0 0 | 3153 | n/a |
| Demassey03 Demassey03 | S. Demassey | Méthodes hybrides de programmation par contraintes et programmation linéaire pour le problème d'ordonnancement de projet à contraintes de ressources. (Hybrid Constraint Programming-Integer Linear Programming approaches for the Resource-Constrained Project Scheduling Problem) | Yes | [241] | 2003 | University of Avignon, France | 148 | 0 0 0 | 0 0 | 3154 | n/a |
| Derrien15 Derrien15 | A. Derrien | Ordonnancement cumulatif en programmation par contraintes : caractérisation énergétique des raisonnements et solutions robustes. (Cumulative scheduling in constraint programming : energetic characterization of reasoning and robust solutions) | Yes | [244] | 2015 | École des mines de Nantes, France | 113 | 0 0 0 | 0 0 | 3155 | n/a |
| DilkinaH04 DilkinaH04 | B. N. Dilkina, W. S. Havens | The U.S. National Football League Scheduling Problem | Yes | [249] | 2004 | AAAI 2004 | 6 | 0 0 0 | 0 0 | 563 | n/a |
| DincbasHSAGB88 DincbasHSAGB88 | M. Dincbas, P. V. Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier | The Constraint Logic Programming Language CHIP | Yes | [250] | 1988 | FGCS 1988 | 10 | 0 0 0 | 0 0 | No | n/a |
| DincbasS91 DincbasS91 | M. Dincbas, H. Simonis | Apache-a constraint based, automated stand allocation system | Yes | [251] | 1991 | ASTAIR 1991 | 13 | 0 0 0 | 0 0 | 564 | n/a |

Table 332: Works with Missing DOI (Total 130)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DoRZ08 DoRZ08 | M. B. Do, W. Ruml, R. Zhou | On-line Planning and Scheduling: An Application to Controlling Modular Printers | Yes | [253] | 2008 | AAAI 2008 | 5 | 0 0 0 | 0 0 | 565 | n/a |
| DraperJCJ99 DraperJCJ99 | D. Draper, A. K. Jónsson, D. P. Clements, D. Joslin | Cyclic Scheduling | Yes | [261] | 1999 | IJCAI 1999 | 6 | 0 0 0 | 0 0 | 568 | n/a |
| ElhouraniDM07 ElhouraniDM07 | T. Elhourani, N. Denny, M. M. Marefat | A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem | Yes | [270] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 572 | n/a |
| Elkhyari03 Elkhyari03 | A. Elkhyari | Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques | Yes | [271] | 2003 | Université de Nantes | 333 | 0 0 0 | 0 0 | 3156 | n/a |
| EskeyZ90 EskeyZ90 | M. Eskey, M. Zweben | Learning Search Control for Constraint-Based Scheduling | Yes | [280] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 578 | n/a |
| EvenSH15a EvenSH15a | C. Even, A. Schutt, P. V. Hentenryck | A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling | Yes | [284] | 2015 | CoRR | 16 | 0 0 0 | 0 0 | 1440 | n/a |
| Fahimi16 Fahimi16 | H. Fahimi | Efficient algorithms to solve scheduling problems with a variety of optimization criteria | Yes | [286] | 2016 | Université Laval, Quebec, Canada | 120 | 0 0 0 | 0 0 | 3157 | n/a |
| FeldmanG89 FeldmanG89 | R. Feldman, M. C. Golumbic | Constraint Satisfiability Algorithms for Interactive Student Scheduling | Yes | [296] | 1989 | IJCAI 1989 | 7 | 0 0 0 | 0 0 | 581 | n/a |
| FocacciLN00 FocacciLN00 | F. Focacci, P. Laborie, W. Nuijten | Solving Scheduling Problems with Setup Times and Alternative Resources | Yes | [300] | 2000 | AIPS 2000 | 10 | 0 0 0 | 0 0 | 582 | n/a |
| FoxAS82 FoxAS82 | M. S. Fox, B. P. Allen, G. Strohm | Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning | Yes | [305] | 1982 | AAAI 1982 | 4 | 0 0 0 | 0 0 | 585 | n/a |
| FoxS90 FoxS90 | M. S. Fox, N. M. Sadeh | Why is Scheduling Difficult? A CSP Perspective | Yes | [306] | 1990 | ECAI 1990 | 14 | 0 0 0 | 0 0 | 586 | n/a |
| FrankK03 FrankK03 | J. Frank, E. Kürklü | SOFIA's Choice: Scheduling Observations for an Airborne Observatory | Yes | [308] | 2003 | ICAPS 2003 | 10 | 0 0 0 | 0 0 | 588 | n/a |
| Froger16 Froger16 | A. Froger | Maintenance scheduling in the electricity industry : a particular focus on a problem rising in the onshore wind industry | Yes | [313] | 2016 | Université d'Angers | 181 | 0 0 0 | 0 0 | 3158 | n/a |
| FukunagaHFAMN02 FukunagaHFAMN02 | A. S. Fukunaga, E. Hamilton, J. Fama, D. Andre, O. Matan, I. R. Nourbakhsh | Staff Scheduling for Inbound Call Centers and Customer Contact Centers | Yes | [316] | 2002 | AAAI 2002 | 8 | 0 0 0 | 0 0 | 593 | n/a |
| German18 German18 | G. German | Constraint programming for lot-sizing problems | Yes | [335] | 2018 | Université Grenoble Alpes | 112 | 0 0 0 | 0 0 | 3159 | n/a |
| GetoorOFC97 GetoorOFC97 | L. Getoor, G. Ottosson, M. P. J. Fromherz, B. Carlson | Effective Redundant Constraints for Online Scheduling | Yes | [337] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 606 | n/a |
| GingrasQ16 GingrasQ16 | V. Gingras, C.-G. Quimper | Generalizing the Edge-Finder Rule for the Cumulative Constraint | Yes | [341] | 2016 | IJCAI 2016 | 7 | 0 0 0 | 0 0 | 608 | n/a |
| GlobusCLP04 GlobusCLP04 | A. Globus, J. Crawford, J. D. Lohn, A. Pryor | A Comparison of Techniques for Scheduling Earth Observing Satellites | Yes | [342] | 2004 | AAAI 2004 | 8 | 0 0 0 | 0 0 | 609 | n/a |
| GodardLN05 GodardLN05 | D. Godard, P. Laborie, W. Nuijten | Randomized Large Neighborhood Search for Cumulative Scheduling | Yes | [343] | 2005 | ICAPS 2005 | 9 | 0 0 0 | 0 0 | 610 | n/a |
| Godet21a Godet21a | A. Godet | Sur le tri de tâches pour résoudre des problèmes d'ordonnancement avec la programmation par contraintes. (On the use of tasks ordering to solve scheduling problems with constraint programming) | Yes | [344] | 2021 | IMT Atlantique Bretagne Pays de la Loire, Brest, France | 168 | 0 0 0 | 0 0 | 3160 | n/a |
| GomesHS06 GomesHS06 | C. P. Gomes, W.-J. van Hoeve, B. Selman | Constraint Programming for Distributed Planning and Scheduling | Yes | [354] | 2006 | AAAI 2006 | 2 | 0 0 0 | 0 0 | 615 | n/a |
| Groleaz21 Groleaz21 | L. Groleaz | The Group Cumulative Scheduling Problem | Yes | [363] | 2021 | Université de Lyon | 153 | 0 0 0 | 0 0 | 3161 | n/a |
| Hamscher91 Hamscher91 | W. Hamscher | ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals | Yes | [386] | 1991 | AAAI 1991 | 6 | 0 0 0 | 0 0 | 625 | n/a |
| HoeveGSL07 HoeveGSL07 | W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi | Optimal Multi-Agent Scheduling with Constraint Programming | Yes | [859] | 2007 | AAAI 2007 | 6 | 0 0 0 | 0 0 | 639 | n/a |
| JoLLH99 JoLLH99 | G. Jo, K.-H. Lee, H.-Y. Lee, S.-H. Hyun | Ramp Activity Expert System for Scheduling and Co-ordination at an Airport | Yes | [451] | 1999 | AAAI 1999 | 6 | 0 0 0 | 0 0 | 650 | n/a |

Table 332: Works with Missing DOI (Total 130)

| Key Source | Authors | Title (Colored by Open Access) | LC | Cite | Year | Conference /Journal /School | Pages | Cites OC XR SC | Refs OC XR | b | c |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Johnston05 Johnston05 | B. J. Clement, M. D. Johnston | The Deep Space Network Scheduling Problem | Yes | [212] | 2005 | AAAI 2005 | 7 | 0 0 0 | 0 0 | 651 | n/a |
| JourdanFRD94 JourdanFRD94 | J. Jourdan, F. Fages, D. Rozzonelli, A. Demeure | Data Alignment and Task Scheduling On Parallel Machines Using Concurrent Constraint Model-based Programming | No | [452] | 1994 | ILPS 1994 | 1 | 0 0 0 | 0 0 | No | n/a |
| Junker00 Junker00 | U. Junker | Preference-Based Search for Scheduling | Yes | [454] | 2000 | AAAI 2000 | 6 | 0 0 0 | 0 0 | 653 | n/a |
| Kameugne14 Kameugne14 | R. Kameugne | Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif | Yes | [461] | 2014 | University of Yaounde I, Cameroon | 139 | 0 0 0 | 0 0 | 3162 | n/a |
| KengY89 KengY89 | N. Keng, D. Y. Y. Yun | A Planning/Scheduling Methodology for the Constrained Resource Problem | Yes | [472] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 661 | n/a |
| KletzanderM20 KletzanderM20 | L. Kletzander, N. Musliu | Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints | Yes | [481] | 2020 | ICAPS 2020 | 10 | 0 0 0 | 0 0 | 668 | n/a |
| KusterJF07 KusterJF07 | J. Kuster, D. Jannach, G. Friedrich | Handling Alternative Activities in Resource-Constrained Project Scheduling Problems | Yes | [506] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 682 | n/a |
| Laborie05 Laborie05 | P. Laborie | Complete MCS-Based Search: Application to Resource Constrained Project Scheduling | Yes | [509] | 2005 | IJCAI 2005 | 6 | 0 0 0 | 0 0 | 683 | n/a |
| Layfield02 Layfield02 | C. J. Layfield | A constraint programming pre-processor for duty scheduling | Yes | [522] | 2002 | University of Leeds, UK | 230 | 0 0 0 | 0 0 | 3163 | n/a |
| LeeKLKKYHP97 LeeKLKKYHP97 | K. J. Lee, H. W. Kim, J. K. Lee, T. H. Kim, C. G. Kim, M. K. Yoon, E. J. Hwang, H. J. Park | Case and Constraint-Based Apartment Construction Project Planning System: FASTrak-APT | Yes | [523] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | 690 | n/a |
| Lemos21 Lemos21 | Alexandre Duarte de Almeida Lemos | Solving scheduling problems under disruptions | Yes | [524] | 2021 | UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO | 188 | 0 0 0 | 0 0 | 3164 | n/a |
| Letort13 Letort13 | A. Letort | Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources | Yes | [525] | 2013 | Ecole des Mines de Nantes | 132 | 0 0 0 | 0 0 | 3165 | n/a |
| LimAHO02a LimAHO02a | A. Lim, J. C. Ang, W.-K. Ho, W.-C. Oon | UTTSExam: A University Examination Timetable Scheduler | Yes | [533] | 2002 | AAAI 2002 | 2 | 0 0 0 | 0 0 | 695 | n/a |
| Lombardi10 Lombardi10 | M. Lombardi | Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments | Yes | [548] | 2010 | University of Bologna, Italy | 175 | 0 0 0 | 0 0 | 3166 | n/a |
| Lunardi20 Lunardi20 | W. T. Lunardi | A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics | Yes | [568] | 2020 | University of Luxembourg, Luxembourg City, Luxembourg | 181 | 0 0 0 | 0 0 | 3167 | n/a |
| LuoVLBM16 LuoVLBM16 | R. Luo, R. A. Valenzano, Y. Li, J. C. Beck, S. A. McIlraith | Using Metric Temporal Logic to Specify Scheduling Problems | Yes | [569] | 2016 | KR 2016 | 4 | 0 0 0 | 0 0 | 716 | n/a |
| Maillard15 Maillard15 | A. Maillard | Flexible Scheduling for an Agile Earth-Observing Satelllite | Yes | [576] | 2015 | IJCAI 2015 | 2 | 0 0 0 | 0 0 | 719 | n/a |
| Malapert11 Malapert11 | A. Malapert | Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints) | Yes | [578] | 2011 | École des mines de Nantes, France | 194 | 0 0 0 | 0 0 | 3168 | n/a |
| Malik08 Malik08 | A. M. Malik | Constraint Programming Techniques for Optimal Instruction Scheduling | Yes | [583] | 2008 | University of Waterloo, Ontario, Canada | 151 | 0 0 0 | 0 0 | 3169 | n/a |
| Menana11 Menana11 | J. Menana | Automates et programmation par contraintes pour la planification de personnel. (Automata and Constraint Programming for Personnel Scheduling Problems) | Yes | [594] | 2011 | University of Nantes, France | 148 | 0 0 0 | 0 0 | 3170 | n/a |
| MeskensDHG11 MeskensDHG11 | N. Meskens, D. Duvivier, A. Hanset, D. Gossart | Multi-objective Constraint programming for Scheduling Operating Theatres | Yes | [603] | 2011 | IESM 2011 | 10 | 0 0 0 | 0 0 | 727 | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| MintonJPL90 MintonJPL90 | S. Minton, M. D. Johnston, A. B. Philips, P. Laird | Solving Large-Scale Constraint-Satisfaction and Scheduling Problems Using a Heuristic Repair Method | Yes | [610] | 1990 | AAAI 1990 | 8 | 0 0 0 | 0 0 | 729 | n/a |
| MoffittPP05 MoffittPP05 | M. D. Moffitt, B. Peintner, M. E. Pollack | Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints | Yes | [612] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 730 | n/a |
| MorgadoM97 MorgadoM97 | E. M. Morgado, J. P. Martins | CREWS NS: Scheduling Train Crew in The Netherlands | Yes | [618] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 733 | n/a |
| MurphyRFSS97 MurphyRFSS97 | K. Murphy, E. Ralston, D. Friedlander, R. Swab, P. Steege | The Scheduling of Rail at Union Pacific Railroad | Yes | [624] | 1997 | AAAI 1997 | 10 | 0 0 0 | 0 0 | 739 | n/a |
| MurthyRAW97 MurthyRAW97 | S. S. Murthy, J. Rachlin, R. Akkiraju, F. Y. Wu | Agent-Based Cooperative Scheduling | No | [626] | 1997 | AAAI 1997 | 6 | 0 0 0 | 0 0 | No | n/a |
| Muscettola94 Muscettola94 | N. Muscettola | On the Utility of Bottleneck Reasoning for Scheduling | Yes | [627] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 741 | n/a |
| Musliu05 Musliu05 | N. Musliu | Combination of Local Search Strategies for Rotating Workforce Scheduling Problem | Yes | [629] | 2005 | IJCAI 2005 | 2 | 0 0 0 | 0 0 | 742 | n/a |
| Nattaf16 Nattaf16 | M. Nattaf | Ordonnancement sous contraintes d'énergie | Yes | [639] | 2016 | UPS Toulouse - Université Toulouse 3 Paul Sabatier | 199 | 0 0 0 | 0 0 | 3171 | n/a |
| NuijtenA94 NuijtenA94 | W. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | Yes | [657] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | 747 | n/a |
| NuijtenA94a NuijtenA94a | W. P. M. Nuijten, E. H. L. Aarts | Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling | No | [656] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| OddiS97 OddiS97 | A. Oddi, S. F. Smith | Stochastic Procedures for Generating Feasible Schedules | Yes | [665] | 1997 | AAAI 1997 | 7 | 0 0 0 | 0 0 | 751 | n/a |
| PapeB96 PapeB96 | C. L. Pape, P. Baptiste | Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case | No | [682] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |
| PapeB97 PapeB97 | C. L. Pape, P. Baptiste | A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling | Yes | [683] | 1997 | PACT 1997 | 20 | 0 0 0 | 0 0 | 758 | n/a |
| PoderB08 PoderB08 | E. Poder, N. Beldiceanu | Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production | Yes | [700] | 2008 | ICAPS 2008 | 8 | 0 0 0 | 0 0 | 765 | n/a |
| PolicellaWSO05 PolicellaWSO05 | N. Policella, X. Wang, S. F. Smith, A. Oddi | Exploiting Temporal Flexibility to Obtain High Quality Schedules | Yes | [703] | 2005 | AAAI 2005 | 6 | 0 0 0 | 0 0 | 766 | n/a |
| Prosser89 Prosser89 | P. Prosser | A Reactive Scheduling Agent | Yes | [712] | 1989 | IJCAI 1989 | 6 | 0 0 0 | 0 0 | 771 | n/a |
| Rit86 Rit86 | J.-F. Rit | Propagating Temporal Constraints for Scheduling | Yes | [733] | 1986 | AAAI 1986 | 6 | 0 0 0 | 0 0 | 780 | n/a |
| Rodosek94 Rodosek94 | R. Rodosek | Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective | No | [734] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| Rodriguez07b Rodriguez07b | J. Rodriguez | A study of the use of state resources in a constraint-based model for routing and scheduling trains | Yes | [738] | 2007 | ICROMA 2007 | 14 | 0 0 0 | 0 0 | 782 | n/a |
| RodriguezDG02 RodriguezDG02 | J. Rodriguez, X. Delorme, X. Gandibleux | Railway infrastructure saturation using constraint programming approach | Yes | [739] | 2002 | Computers in Railways VIII | 10 | 0 0 0 | 0 0 | 1604 | n/a |
| RodriguezS09 RodriguezS09 | J. Rodriguez, S. Sobieraj | A study of an incremental texture-based heuristic for the train routing and scheduling problem | Yes | [740] | 2009 | ICROMA 2009 | 14 | 0 0 0 | 0 0 | 783 | n/a |
| RoweJCA96 RoweJCA96 | J. Rowe, K. Jewers, A. Codd, A. Alcock | Intelligent Retail Logistics Scheduling | Yes | [747] | 1996 | AAAI 1996 | 9 | 0 0 0 | 0 0 | 785 | n/a |
| SakkoutRW98 SakkoutRW98 | H. E. Sakkout, T. Richards, M. G. Wallace | Minimal Perturbance in Dynamic Scheduling | No | [755] | 1998 | ECAI 1998 | 5 | 0 0 0 | 0 0 | No | n/a |
| Schaerf96 Schaerf96 | A. Schaerf | Scheduling Sport Tournaments using Constraint Logic Programming | No | [758] | 1996 | ECAI 1996 | 5 | 0 0 0 | 0 0 | No | n/a |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| Schaerf97 Schaerf97 | A. Schaerf | Combining Local Search and Look-Ahead for Scheduling and Constraint Satisfaction Problems | Yes | [759] | 1997 | IJCAI 1997 | 6 | 0 0 0 | 0 0 | 787 | n/a |
| SchausD08 SchausD08 | P. Schaus, Y. Deville | A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem | Yes | [760] | 2008 | AAAI 2008 | 6 | 0 0 0 | 0 0 | 788 | n/a |
| Schutt11 Schutt11 | A. Schutt | Improving Scheduling by Learning | Yes | [765] | 2011 | University of Melbourne, Australia | 209 | 0 0 0 | 0 0 | 3172 | n/a |
| SenderovichBB19 SenderovichBB19 | A. Senderovich, K. E. C. Booth, J. C. Beck | Learning Scheduling Models from Event Data | Yes | [777] | 2019 | ICAPS 2019 | 9 | 0 0 0 | 0 0 | 796 | 935 |
| Siala15a Siala15a | M. Siala | Search, propagation, and learning in sequencing and scheduling problems. (Recherche, propagation et apprentissage dans les problèmes de séquencement et d'ordonnancement) | Yes | [784] | 2015 | INSA Toulouse, France | 199 | 0 0 0 | 0 0 | 3173 | n/a |
| SmithC93 SmithC93 | S. F. Smith, C.-C. Cheng | Slack-Based Heuristics for Constraint Satisfaction Scheduling | Yes | [796] | 1993 | AAAI 1993 | 6 | 0 0 0 | 0 0 | 805 | n/a |
| StidsenKM96 StidsenKM96 | T. R. Stidsen, L. V. Kragelund, O. Mateescu | Jobshop Scheduling in a Shipyard | No | [799] | 1996 | ECAI 1996 | 8 | 0 0 0 | 0 0 | No | n/a |
| SultanikMR07 SultanikMR07 | E. Sultanik, P. J. Modi, W. C. Regli | On Modeling Multiagent Task Scheduling as a Distributed Constraint Optimization Problem | Yes | [802] | 2007 | IJCAI 2007 | 6 | 0 0 0 | 0 0 | 807 | n/a |
| Tay92 Tay92 | D. B. H. Tay | COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling | No | [819] | 1992 | Comput. J. | null | 0 0 0 | 0 0 | No | n/a |
| TranWDRFOVB16 TranWDRFOVB16 | T. T. Tran, Z. Wang, M. Do, E. G. Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. C. Beck | Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem | Yes | [843] | 2016 | AAAI 2016 | 9 | 0 0 0 | 0 0 | 830 | n/a |
| TsurutaS00 TsurutaS00 | T. Tsuruta, T. Shintani | Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm | No | [849] | 2000 | ECAI 2000 | 5 | 0 0 0 | 0 0 | No | n/a |
| Valdes87 Valdes87 | R. E. Valdés-Pérez | The Satisfiability of Temporal Constraint Networks | Yes | [853] | 1987 | AAAI 1987 | 5 | 0 0 0 | 0 0 | 832 | n/a |
| VillaverdeP04 VillaverdeP04 | K. Villaverde, E. Pontelli | An Investigation of Scheduling in Distributed Constraint Logic Programming | No | [872] | 2004 | ISCA 2004 | 6 | 0 0 0 | 0 0 | No | n/a |
| Wallace94 Wallace94 | M. G. Wallace | Applying Constraints for Scheduling | No | [874] | 1994 | Constraint Programming 1994 | 19 | 0 0 0 | 0 0 | No | n/a |
| WallaceF00 WallaceF00 | R. J. Wallace, E. C. Freuder | Dispatchability Conditions for Schedules with Consumable Resources | Yes | [878] | 2000 | ECAI 2000 | 7 | 0 0 0 | 0 0 | 846 | n/a |
| WatsonBHW99 WatsonBHW99 | J.-P. Watson, L. Barbulescu, A. E. Howe, L. D. Whitley | Algorithm Performance and Problem Structure for Flow-shop Scheduling | Yes | [883] | 1999 | AAAI 1999 | 8 | 0 0 0 | 0 0 | 850 | n/a |
| YeGMH94 YeGMH94 | P. Ye, D. Glass, M. F. McTear, J. G. Hughes | Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm | No | [900] | 1994 | ECAI 1994 | 5 | 0 0 0 | 0 0 | No | n/a |
| YoshikawaKNW94 YoshikawaKNW94 | M. Yoshikawa, K. Kaneko, Y. Nomura, M. Watanabe | A Constraint-Based Approach to High-School Timetabling Problems: A Case Study | Yes | [901] | 1994 | AAAI 1994 | 6 | 0 0 0 | 0 0 | 861 | n/a |
| Zahout21 Zahout21 | B. Zahout | Algorithmes exacts et approchés pour l'ordonnancement des travaux multiressources à intervalles fixes dans des systèmes distribués : approche monocritère et multiagent | Yes | [909] | 2021 | Université de Tours - LIFAT | 185 | 0 0 0 | 0 0 | 3174 | n/a |
| abs-0907-0939 abs-0907-0939 | T. Petit, E. Poder | The Soft Cumulative Constraint | Yes | [696] | 2009 | CoRR | 12 | 0 0 0 | 0 0 | 1672 | n/a |
| abs-1009-0347 abs-1009-0347 | A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace | Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation | Yes | [770] | 2010 | CoRR | 37 | 0 0 0 | 0 0 | 1673 | n/a |
| abs-1901-07914 abs-1901-07914 | J. K. Behrens, R. Lange, M. Mansouri | A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks | Yes | [106] | 2019 | CoRR | 8 | 0 0 0 | 0 0 | 1674 | 1737 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| abs-1902-01193<br>abs-1902-01193 | O. M. Alade, A. O. Amusat | Solving Nurse Scheduling Problem Using Constraint Programming Technique | Yes | [20] | 2019 | CoRR | 9 | 0 0 0 | 0 0 | 1675 | n/a |
| abs-1902-09244<br>abs-1902-09244 | V. A. Hauder, A. Beham, S. Raggl, S. N. Parragh, M. Affenzeller | On constraint programming for a new flexible project scheduling problem with resource constraints | Yes | [393] | 2019 | CoRR | 62 | 0 0 0 | 0 0 | 1676 | n/a |
| abs-1911-04766<br>abs-1911-04766 | T. Geibinger, F. Mischek, N. Musliu | Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling | Yes | [329] | 2019 | CoRR | 16 | 0 0 0 | 0 0 | 1677 | 1738 |
| abs-2102-08778<br>abs-2102-08778 | G. D. Col, E. Teppan | Large-Scale Benchmarks for the Job Shop Scheduling Problem | Yes | [217] | 2021 | CoRR | 10 | 0 0 0 | 0 0 | 1678 | n/a |

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