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: 895)

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 [858]	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 [859]	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 [857]	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: 895)

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 [937]
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 [861]
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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1	2	3	4	5	6
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 [860]	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 [60
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 [661]	NishikawaSTT18 [648]	NishikawaSTT18a [649]
NishikawaSTT19 [650]	NouriMHD23 [854]	NovaraNH16 [651]	Novas19 [652]	NovasH10 [653]	NovasH12 [654]
NovasH14 [655]	Nuijten94 [657]	NuijtenA94 [658]	NuijtenA94a [656]	NuijtenA96 [659]	NuijtenP98 [660]
OddiPCC03 [662]	OddiPCC05 [663]	OddiRC10 [664]	OddiRCS11 [665]	OddiS97 [666]	OhrimenkoSC09 [667]
OkanoDTRYA04 [668]	OrnekO16 [669]	OrnekOS20 [670]	OuelletQ13 [671]	OuelletQ18 [672]	OuelletQ22 [673]
OujanaAYB22 [674]	OzturkTHO10 [676]	OzturkTHO12 [675]	OzturkTHO13 [677]	OzturkTHO15 [678]	PachecoPR19 [679]
PacinoH11 [680]	PandeyS21a [681]	PapaB98 [685]	Pape94 [682]	PapeB96 [683]	PapeB97 [684]

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1	2	3	4	5	6
ParkUJR19 [686]	PembertonG98 [687]	PengLC14 [688]	PenzDN23 [689]	PerezGSL23 [690]	Perron05 [692]
PerronSF04 [693]	PesantGPR99 [694]	PesantRR15 [695]	PeschT96 [696]	Pinarbasi21 [715]	PinarbasiA20 [716]
PinarbasiAY19 [699]	PintoG97 [700]	PoderB08 [701]	PoderBS04 [702]	PohlAK22 [703]	PolicellaWSO05 [704]
Polo-MejiaALB20 [705]	PopovicCGNC22 [706]	PourDERB18 [707]	PovedaAA23 [708]	Pralet17 [709]	PraletLJ15 [710]
PrataAN23 [711]	Prosser89 [713]	Puget95 [714]	QinDCS20 [718]	QinDS16 [719]	QinWSLS21 [717]
QuSN06 [720]	QuirogaZH05 [721]	RabbaniMM21 [722]	RasmussenT06 [724]	RasmussenT07 [725]	RasmussenT09 [726]
ReddyFIBKAJ11 [727]	Refalo00 [728]	RenT09 [729]	RendlPHPR12 [730]	Rgin2001 [751]	RiahiNS018 [731]
Ribeiro12 [732]	RiiseML16 [733]	Rit86 [734]	Rodosek94 [735]	RodosekW98 [736]	RodosekWH99 [737]
Rodriguez07 [738]	Rodriguez07b [739]	RodriguezDG02 [740]	RodriguezS09 [741]	RoePS05 [742]	RoshanaeiBAUB20 [743
RoshanaeiLAU17 [745]	RoshanaeiLAU17a [744]	RoshanaeiN21 [746]	RossiTHP07 [747]	RoweJCA96 [748]	RuggieroBBMA09 [749]
RussellU06 [750]	SacramentoSP20 [752]	SadehF96 [753]	Sadykov04 [754]	SadykovW06 [755]	SakkoutRW98 [756]
SakkoutW00 [757]	Salido10 [758]	Schaerf96 [759]	Schaerf97 [760]	SchausD08 [761]	SchausHMCMD11 [762
SchildW00 [763]	SchnellH15 [764]	SchnellH17 [765]	Schreuder92 [766]	Schutt11 [767]	SchuttCSW12 [768]
SchuttFS13 [770]	SchuttFS13a [769]	SchuttFSW09 [771]	SchuttFSW11 [773]	SchuttFSW13 [774]	SchuttFSW15 [775]
SchuttS16 [776]	SchuttW10 [777]	SchuttWS05 [778]	SenderovichBB19 [779]	SerraNM12 [780]	ShaikhK23 [781]
ShiYXQ22 [783]	ShinBBHO18 [784]	Siala15 [785]	Siala15a [786]	SialaAH15 [787]	SimoninAHL12 [788]
SimoninAHL15 [789]	Simonis07 [793]	Simonis95 [791]	Simonis95a [790]	Simonis99 [792]	SimonisC95 [795]
SimonisCK00 [794]	SimonisH11 [796]	SmithBHW96 [797]	SmithC93 [798]	SourdN00 [799]	SquillaciPR23 [800]
StidsenKM96 [801]	SuCC13 [802]	SubulanC22 [803]	SultanikMR07 [804]	SunLYL10 [807]	SunTB19 [805]
SureshMOK06 [808]	SvancaraB22 [809]	SzerediS16 [810]	TanSD10 [813]	TanT18 [812]	TanZWGQ19 [814]
TangB20 [815]	TangLWSK18 [816]	TardivoDFMP23 [817]	Tassel22 [818]	TasselGS23 [819]	Tay92 [821]
Teppan22 [822]	TerekhovDOB12 [823]	TerekhovTDB14 [824]	Tesch16 [825]	Tesch18 [826]	ThiruvadyBME09 [827]
ThiruvadyWGS14 [828]	ThomasKS20 [829]	Thorsteinsson01 [830]	Timpe02 [831]	Tom19 [832]	TopaloglucO11 [833]
TopaloglucSS12 [834]	TorresL00 [835]	TouatBT22 [836]	Touraivane95 [837]	TranAB16 [838]	TranB12 [839]
TranDRFWOVB16 [840]	TranPZLDB18 [841]	TranTDB13 [842]	TranVNB17 [843]	TranVNB17a [844]	TranWDRFOVB16 [845
TrentesauxPT01 [846]	Trick03 [847]	Trick11 [848]	TrojetHL11 [849]	Tsang03 [850]	TsurutaS00 [851]
UnsalO13 [852]	UnsalO19 [853]	Valdes87 [855]	ValleMGT03 [856]	VanczaM01 [862]	VerfaillieL01 [863]
Vilim02 [864]	Vilim03 [865]	Vilim04 [866]	Vilim05 [867]	Vilim09 [868]	Vilim09a [869]
Vilim11 [870]	VilimBC04 [871]	VilimBC05 [872]	VilimLS15 [873]	VillaverdeP04 [874]	VlkHT21 [875]
Wallace06 [878]	Wallace94 [876]	Wallace96 [877]	WallaceF00 [880]	WallaceY20 [879]	WangB20 [881]
WangB23 [882]	WangMD15 [883]	WariZ19 [884]	WatsonB08 [886]	WatsonBHW99 [885]	WeilHFP95 [887]
WessenCS20 [888]	WessenCSFPM23 [889]	WikarekS19 [890]	WinterMMW22 [891]	Wolf03 [892]	Wolf05 [893]
Wolf09 [897]	Wolf11 [894]	WolfS05 [896]	WolfS05a [895]	WolinskiKG04 [898]	WuBB05 [899]
WuBB09 [900]	YangSS19 [901]	YeGMH94 [902]	YoshikawaKNW94 [903]	YounespourAKE19 [904]	YoungFS17 [905]
YunG02 [906]	YunusogluY22 [908]	YuraszeckMC23 [909]	YuraszeckMCCR23 [911]	YuraszeckMPV22 [910]	Zahout21 [912]
ZampelliVSDR13 [913]	ZarandiASC20 [915]	ZarandiB12 [295]	ZarandiKS16 [914]	Zeballos10 [916]	ZeballosCM10 [917]

Table 1: Key Overview (Total: 895)

1	2	3	4	5	6
ZeballosH05 [918]	ZeballosM09 [919]	ZeballosNH11 [920]	ZeballosQH10 [921]	ZengM12 [922]	ZhangBB22 [924]
ZhangJZL22 [923]	ZhangLS12 [927]	ZhangW18 [926]	ZhangYW21 [925]	ZhaoL14 [928]	Zhou96 [929]
Zhou97 [930]	ZhouGL15 [931]	ZhuS02 [932]	ZhuSZW23 [933]	ZibranR11 [934]	ZibranR11a [935]
ZouZ20 [936]	abs-0907-0939 [697]	abs-1009-0347 [772]	abs-1901-07914 [106]	abs-1902-01193 [20]	abs-1902-09244 [393]
abs-1911-04766 [329]	abs-2102-08778 [217]	abs-2211-14492 [806]	abs-2305-19888 [408]	abs-2306-05747 [820]	abs-2312-13682 [691]
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	[690]	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	[708]	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	[800]	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	[817]	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	[819]	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	[882]	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	[909]	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	[673]	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	[674]	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	[706]	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	[809]	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	[818]	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	[822]	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	[836]	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	[891]	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	[924]	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	[923]	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

Table 2: PAPER (Total 445)

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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	[815]	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	[829]	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	[881]	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	[888]	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	[859]	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	[679]	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	[686]	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	[779]	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	[832]	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	[901]	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 ^2 n) Checker and O(n^2 \log n) Filtering Algorithm for the Energetic Reasoning	Yes	[672]	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	[731]	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	[812]	2018	Canadian AI 2018	12	1 1 2	23 23	812	n/a
Tesch18 Tesch18	A. Tesch	Improving Energetic Propagations for Cumulative Scheduling	Yes	[826]	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	[709]	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	[844]	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	[905]	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	[776]	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	[810]	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	[825]	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	[840]	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	[845]	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	[695]	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	[710]	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	[787]	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	[873]	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	[931]	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	[671]	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	[770]	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	[769]	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	[842]	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	[913]	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	[730]	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	[768]	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	[780]	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	[788]	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	[839]	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	[927]	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	[665]	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	[680]	2011	IJCAI 2011	6	0 0 0	0 0	757	n/a
SimonisH11 SimonisH11	H. Simonis, T. Hadzic	A Resource Cost Aware Cumulative	Yes	[796]	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	[870]	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	[894]	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	[934]	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	[935]	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	[664]	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	[777]	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	[807]	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	[813]	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	[729]	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	[741]	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	[771]	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	[827]	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	[868]	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	[869]	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	[897]	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	[701]	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	[761]	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	[886]	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	[858]	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	[861]	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	[860]	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	[739]	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	[747]	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	[804]	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	[720]	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	[724]	2006	CPAIOR 2006	15	10 12 19	14 16	775	n/a
Wallace06 Wallace06	M. G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[878]	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	[663]	2005	MISTA 2005	28	3 3 0	12 19	No	n/a
Perron05 Perron05	L. Perron	Alternate modeling in sport scheduling	Yes	[692]	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	[704]	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	[721]	2005	ICRA 2005	6	2 1 2	7 11	774	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
SchuttWS05 SchuttWS05	A. Schutt, A. Wolf, G. Schrader	Not-First and Not-Last Detection for Cumulative Scheduling in $O(n^3 \log n)$	Yes	[778]	2005	INAP 2005	15	6 6 9	4 11	795	n/a
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[867]	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	[893]	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	[896]	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	[899]	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	[693]	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	[754]	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	[866]	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	[871]	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	[874]	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	[898]	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	[662]	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	[847]	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	[856]	2003	KES 2003	8	7 7 6	7 11	833	n/a
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[865]	2003	CP 2003	1	1 1 1	1 4	837	n/a
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[892]	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	[864]	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	[932]	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	[830]	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	[862]	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	[863]	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	[728]	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	[851]	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	[880]	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	[792]	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	[885]	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	[687]	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	[736]	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	[756]	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
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

Table 2: PAPER (Total 445)

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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	[666]	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	[684]	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	[760]	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	[683]	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	[748]	1996	AAAI 1996	9	0 0 0	0 0	785	n/a
Schaerf96 Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	No	[759]	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	[801]	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	[929]	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	[714]	1995	CP 1995	4	6 6 11	2 11	772	n/a
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[791]	1995	CP 1995	4	7 7 13	3 7	800	n/a
Simonis95a Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[790]	1995	CONTESSA 1995	21	1 1 0	12 30	801	n/a
SimonisC95 SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[795]	1995	CP 1995	14	17 16 21	8 23	803	n/a
Touraivane95 Touraivane95	Touraïvane	Constraint Programming and Industrial Applications	Yes	[837]	1995	CP 1995	3	2 0 1	1 0	825	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
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	[658]	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	[735]	1994	ECAI 1994	5	0 0 0	0 0	No	n/a
Wallace94 Wallace94	M. G. Wallace	Applying Constraints for Scheduling	No	[876]	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	[902]	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	[903]	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	[798]	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	[713]	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	[855]	1987	AAAI 1987	5	0 0 0	0 0	832	n/a
Rit86 Rit86	J.-F. Rit	Propagating Temporal Constraints for Scheduling	Yes	[734]	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	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AalianPG23 [1]	16	large neighborhood search, genetic algorithm	steel cable	real-world	constraint programming, CP	CPO, Cplex		preemptive, transportation, preempt, make-span, flow-shop, Infeasible	cycle, cumulative, noOverlap, endBeforeStart, alwaysIn	mining industry	order, scheduling, machine, activity, resource	4	875
AbdennadherS99 [2]	6		nurse	real-life	CSP, constraint satisfaction, CLP, constraint programming, propagation, constraint logic programming	CHIP		distributed, Over-constrained	Cardinality constraint, Arithmetic constraint		task, scheduling, order	378	n/a
AbrilSB05 [6]	1		railway		CP, CSP			distributed, multi-agent			scheduling, order	293	n/a
AchterbergBKW08 [8]	15	GRASP	semiconductor	benchmark	CLP, CP, constraint logic programming, constraint programming, propagation	OPL, SCIP, Cplex		Infeasible	circuit		machine, scheduling, task, order	253	n/a
Acuna-AgostMFG09 [9]	2		railway	Roadef	CP, propagation, constraint programming			re-scheduling, transportation			order, scheduling	238	n/a
AgussurjaKL18 [17]	8	lazy clause generation	evacuation, aircraft, crew-scheduling, train schedule	real-world	CP, constraint satisfaction, constraint programming, propagation	Cplex	Resource-constrained Project Scheduling Problem, RCPSP	precedence, re-scheduling, bi-objective, transportation, Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	cumulative		activity, scheduling, order, resource	84	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AkkerDH07 [858]	15	column generation, simulated annealing			CP, constraint programming, constraint satisfaction	Cplex	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, single machine	unavailability, due-date, cmax, lateness, completion-time, release-date, sequence dependent setup, preempt, no-wait, planned maintenance, precedence, make-span, preemptive	cumulative		machine, resource, order, job, scheduling	268	n/a
AlesioNBG14 [247]	18	meta heuristic, genetic algorithm	automotive	benchmark	COP, CP, constraint optimization, constraint programming	OPL, Cplex		preemptive, completion-time, make-span, open-shop, preempt, periodic, job-shop, distributed	alldifferent		task, order, scheduling, resource, job, activity	160	n/a
AmadiniGM16 [27]	7	lazy clause generation		real-life, benchmark, github	CSP, constraint programming, COP, CP, propagation	Choco Solver, MiniZinc, Gurobi, Gecode, OR-Tools	Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span, distributed	cumulative		scheduling, resource, task	118	943
AngelsmarkJ00 [28]	5				propagation, constraint satisfaction, CP			job-shop			resource, job, order, task, scheduling	371	n/a
AntunesABD18 [29]	8	column generation, large neighborhood search, genetic algorithm, meta heuristic	workforce scheduling, maintenance scheduling	real-world, industry partner, industrial partner	propagation, CP, COP, constraint programming	Cplex		earliness, periodic, due-date, re-scheduling, Benders Decomposition, lateness, Logic-Based Benders Decomposition, stochastic, Infeasible	BinPacking constraint, bin-packing	electricity industry	scheduling, machine, activity, order, task	85	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AntuoriHHEN20 [31]	16	reinforcement learning, machine learning, neural network, large neighborhood search	torpedo	random instance, generated instance, gitlab, benchmark, industrial instance	constraint programming, propagation, CP	Choco Solver		job-shop, Pareto, release-date, periodic, completion-time, tardiness, stochastic, due-date, precedence, Infeasible	cycle, Channeling constraint, alldifferent, circuit, Element constraint		resource, job, order, task, scheduling, machine	52	917
AntuoriHHEN21 [32]	16	reinforcement learning, deep learning, machine learning, neural network, GRASP, large neighborhood search	car manufacturing, drone, automotive	gitlab, supplementary material	constraint programming, propagation, CSP, CP	Choco Solver, Gecode		transportation, job-shop, release-date, tardiness, stochastic, due-date, precedence	cycle	automotive industry	resource, job, order, task, scheduling, machine	39	906
ArbaouiY18 [35]	10	mat heuristic, genetic algorithm, meta heuristic		benchmark	constraint programming, CP	Cplex	single machine, parallel machine	setup-time, make-span, cmax, sequence dependent setup, unavailability, no-wait, completion-time	noOverlap, cumulative, Pulse constraint, alternative constraint		order, job, scheduling, machine, resource	86	n/a
ArmstrongGOS21 [38]	18	meta heuristic, genetic algorithm, energetic reasoning, ant colony, memetic algorithm	robot	industry partner, instance generator, zenodo, supplementary material, real-world, industrial partner, benchmark	constraint programming, CP, propagation, constraint logic programming	MiniZinc, Chuffed, Gecode, CHIP, CPO, SICStus, Cplex	HFF, HFS, HFFTT	job-shop, sequence dependent setup, multi-objective, cmax, transportation, make-span, preempt, setup-time, flow-shop, preemptive, completion-time, precedence	alternative constraint, bin-packing, cycle, table constraint, circuit, diffn, cumulative	packaging industry	scheduling, machine, job, order, resource, task	40	907

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ArmstrongGOS22 [39]	13	GRASP, meta heuristic, mat heuristic, IGT, NEH		real-world, benchmark	constraint programming, CP, propagation	OPL, SICStus	HFF, parallel machine, HFS, HFFTT	cmax, no-wait, transportation, make-span, flow-shop, re-scheduling, explanation, completion-time	noOverlap, cumulative		scheduling, machine, job, order, resource, task	21	891
AronssonBK09 [41]	13	sweep	railway	real-world, real-life	CLP, propagation, CP, constraint programming	Cplex, CHIP		job-shop, transportation	cumulative		job, order, task	239	n/a
ArtiguesBF04 [42]	13	edge-finding, meta heuristic, Lagrangian relaxation		benchmark	propagation, CP, constraint programming	Ilog Solver, Ilog Scheduler		batch process, cmax, completion-time, make-span, setup-time, preempt, one-machine scheduling, preemptive, release-date, precedence, sequence dependent setup, job-shop, Infeasible	Disjunctive constraint, disjunctive		scheduling, machine, job, order, resource	324	n/a
ArtiguesHQT21 [45]	8		wildfire, evacuation		CP	Cplex	Resource-constrained Project Scheduling Problem, RCPSP	preemptive, release-date, preempt	cumulative		scheduling, machine, job, order, resource	41	n/a
ArtiouchineB05 [49]	15	not-last, not-first, edge-finding	aircraft, airport	generated instance, random instance	propagation, CP, CSP	Ilog Scheduler	parallel machine, single machine	release-date, re-scheduling, make-span, preempt, completion-time, open-shop, preemptive, job-shop, precedence	Disjunctive constraint, disjunctive, cumulative		activity, machine, scheduling, order, resource, job	294	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Astrand0F21 [51]	18	large neighborhood search, genetic algorithm	farming, forestry, agriculture, drone, robot, satellite	benchmark, real-world, generated instance, real-life	constraint programming, CP	Gecode	Partial Order Schedule	precedence, make-span, open-shop, job-shop	disjunctive, cycle, Disjunctive constraint	potash industry, mineral industry, mining industry	task, order, machine, job, activity, scheduling, resource	42	908
AstrandJZ18 [52]	9	time-tabling	hoist, robot		constraint programming, CP, propagation, CSP	Gecode	single machine	multi-objective, make-span, periodic, Infeasible	disjunctive, cycle, cumulative	potash industry	task, order, machine, activity, scheduling, resource	87	n/a
BadicaBIL19 [56]	11		business process	github	CP, constraint logic programming, constraint programming, CLP	Gecode, ECLiPSe		completion-time, multi-agent, distributed, make-span	Arithmetic constraint, cycle		order, machine, scheduling, resource, activity	65	928
BajestaniB11 [57]	8		railway, maintenance scheduling, aircraft		propagation, CP, constraint programming	Ilog Solver, Cplex	single machine, JSSP	transportation, tardiness, make-span, single-machine scheduling, inventory, due-date, re-scheduling, Benders Decomposition, stochastic, breakdown, Logic-Based Benders Decomposition, periodic, Infeasible	circuit, cycle, Cardinality constraint, cumulative		scheduling, machine, job, order, resource	207	n/a
Balduccini11 [60]	13			benchmark	CP, CSP, constraint programming, CLP, constraint satisfaction	CHIP		precedence, tardiness, re-scheduling	cumulative, disjunctive		resource, scheduling, job, order	208	n/a
Baptiste09 [63]	1				CP						scheduling	240	n/a
BaptisteLV92 [71]	6											433	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BaptisteP95 [67]	7	energetic reasoning, edge-finding			CP, CSP, propagation, constraint satisfaction, constraint programming, CLP	Ilog Solver		preempt, due-date, preemptive, job-shop, completion-time, precedence	Disjunctive constraint, disjunctive		machine, scheduling, job, activity, resource, task, order	416	n/a
BaptisteP97 [68]	15	edge-finding, edge-finder		benchmark	CP, CSP, propagation, constraint satisfaction, constraint programming	Claire, CHIP	Resource-constrained Project Scheduling Problem, RCPSP	preempt, re-scheduling, due-date, preemptive, job-shop, precedence, release-date, flow-shop, make-span	cumulative, Disjunctive constraint, disjunctive		scheduling, job, activity, resource, task, order	395	n/a
BarbulescuWH04 [72]	6	genetic algorithm	robot, satellite		CP, constraint satisfaction			stochastic, job-shop, explanation, distributed	cycle		resource, job, task, scheduling, order	325	n/a
BarlattCG08 [73]	5		automotive, pipeline	real-world	CP			setup-time, job-shop, transportation, flow-shop, Infeasible			task, machine, scheduling, resource, job	254	n/a
Bartak02 [75]	16	edge-finding, time-tabling	dairies	real-life	CP, constraint logic programming, CSP, CLP, constraint programming, constraint satisfaction, propagation	SICStus		job-shop, earliness, continuous-process, make-span, lateness, precedence	Disjunctive constraint, cumulative, disjunctive		activity, order, machine, job, resource, scheduling, task	352	n/a
Bartak02a [74]	15	time-tabling, edge-finding	dairies	benchmark, real-life	CLP, CSP, CP, propagation, constraint programming, constraint satisfaction	Ilog Scheduler		earliness, re-scheduling, job-shop, make-span, precedence, tardiness	Disjunctive constraint, cumulative, disjunctive		machine, resource, order, activity, scheduling, task, job	353	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BartakV15 [80]	12	sweep		real-world, real-life	CP, constraint satisfaction			lateness, rescheduling, job-shop, setup-time, breakdown, make-span, reactive scheduling, explanation, precedence, Infeasible			machine, resource, order, activity, scheduling, job	139	n/a
BartoliniBBLM14 [81]	16	large neighborhood search	high performance computing, supercomputer		CP, constraint programming			tardiness, make-span, explanation	cumulative, alternative constraint		scheduling, resource, task, job, activity, machine	161	n/a
BarzegaranZP20 [84]	9	meta heuristic	robot, automotive		constraint satisfaction, propagation, constraint programming, CP	OR-Tools		rescheduling, distributed			resource, task, machine, scheduling, order	53	918
Beck06 [86]	10	machine learning, meta heuristic		benchmark	CP, propagation, constraint programming, constraint satisfaction	Ilog Scheduler		due-date, explanation, tardiness, flow-shop, job-shop, make-span			order, resource, job, scheduling, machine	284	n/a
Beck10 [88]	15				CP, constraint programming, constraint logic programming	Ilog Solver, Cplex	single machine	due-date, single-machine scheduling, release-date, Benders Decomposition, make-span, Logic-Based Benders Decomposition	cumulative, bin-packing		order, activity, resource, job, scheduling, machine	227	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeckDF97 [90]	15	edge-finding	robot	benchmark, real-world	constraint satisfaction, propagation, CSP, CP		single machine	release-date, job-shop, make-span, explanation, inventory, precedence, due-date, re-scheduling, Over-constrained	cycle, cumulative		activity, resource, order, scheduling, machine, job, task	396	n/a
BeckDSF97 [91]	8	edge-finding	robot	benchmark, real-world	CSP, CP, propagation, constraint optimization, constraint satisfaction			re-scheduling, inventory, job-shop, release-date, make-span, distributed, due-date, precedence	cumulative, disjunctive		resource, order, activity, scheduling, task, job	397	n/a
BeckDSF97a [92]	8	edge-finding	robot	benchmark, real-world	constraint satisfaction, propagation, CP, constraint optimization, CSP		single machine	job-shop, explanation, precedence, release-date, make-span, due-date			resource, activity, order, job, scheduling, machine	398	n/a
BeckF99 [95]	8	not-last, not-first, edge-finding	robot	real-world	CSP, propagation, constraint satisfaction, CP			job-shop, explanation	disjunctive, cumulative, Disjunctive constraint		task, machine, activity, resource, job, order, scheduling	379	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeckPS03 [98]	10	meta heuristic	robot	real-world, benchmark	CP, constraint programming, constraint satisfaction, propagation	Ilog Scheduler	RCPSP	make-span, explanation, earliness, flow-time, precedence, due-date, re-scheduling, tardiness, completion-time, release-date, transportation, job-shop, stochastic, setup-time			activity, resource, order, scheduling, machine, job, task	342	n/a
BeckW04 [100]	5	genetic algorithm, time-tabling, edge-finding			propagation, CP	Ilog Scheduler	single machine	job-shop, one-machine scheduling, stochastic, make-span, distributed, flow-shop			machine, activity, resource, job, order, scheduling	326	n/a
BeckW05 [101]	6	edge-finder			propagation, constraint satisfaction, CP	Ilog Scheduler		job-shop, explanation, stochastic, make-span, flow-shop	Balance constraint		activity, resource, job, order, scheduling	295	n/a
BehrensLM19 [105]	7		robot	github, real-world	propagation, constraint satisfaction, constraint programming, CP, CSP, constraint optimization	OR-Tools, MiniZinc		setup-time, make-span, distributed, multi-agent			resource, task, order, machine, scheduling	66	929
BeldiceanuC01 [107]	15	sweep		benchmark	CP, propagation	CHIP, SICStus		distributed, job-shop	cumulative, alldifferent		scheduling, resource, job, order	366	n/a
BeldiceanuC02 [108]	17	sweep	crew-scheduling	random instance, benchmark, real-life	CP, CLP	CHIP, SICStus	single machine	producer/consumer	Cumulatives constraint, cumulative		task, activity, scheduling, machine, resource, order	354	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeldiceanuCP08 [110]	15	edge-finding, sweep	perfect-square, rectangle-packing	benchmark	constraint programming, CP, propagation	CHIP, SICStus, OPL		Infeasible	disjunctive, geost, cumulative		resource, task, scheduling, order	255	n/a
BeldiceanuP07 [112]	15	sweep			CP, constraint programming, propagation			preempt, preemptive, release-date, due-date	disjunctive, cumulative		task, scheduling, resource, order	269	n/a
BenderWS21 [114]	16	meta heuristic	agriculture		CP, constraint programming		RCPSP	explanation, setup-time, preempt, make-span, distributed, preemptive	noOverlap		activity, resource, job, order, scheduling, task, machine	43	909
BenediktSMVH18 [117]	10	machine learning, column generation	energy-price	generated instance, github, random instance	constraint programming, CP	Gurobi	single machine, parallel machine	single-machine scheduling, multi-objective, preempt, job-shop	noOverlap		scheduling, order, job, resource, machine	88	936
BeniniBGM05 [118]	15	genetic algorithm, simulated annealing	automotive, pipeline, round-robin		CP, constraint programming	Cplex, ECLiPSe	parallel machine	Benders Decomposition, Logic-Based Benders Decomposition, precedence, make-span, tardiness, periodic, due-date, distributed, completion-time, Infeasible	circuit, cumulative, cycle		task, order, machine, scheduling, resource, job, activity	296	n/a
BeniniBGM05a [119]	2		pipeline		constraint programming, CP	Ilog Solver, Cplex		precedence, completion-time, make-span, distributed	cumulative		order, resource, task, scheduling, activity	297	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeniniBGM06 [120]	15	column generation	automotive, pipeline	real-life	CP, constraint programming	Cplex, Ilog Solver, ECLiPSe		setup-time, Benders Decomposition, Logic-Based Benders Decomposition, precedence, make-span, tardiness, distributed	cumulative, cycle		task, order, scheduling, resource, activity	285	n/a
BeniniLMMR08 [121]	15	column generation			CP, constraint programming	Ilog Scheduler, Cplex	SCC, single machine	release-date, precedence, Logic-Based Benders Decomposition, tardiness, make-span, explanation, Benders Decomposition, stochastic, breakdown, Infeasible, Over-constrained	circuit		order, resource, task, scheduling, machine, activity	256	n/a
BeniniLMR08 [122]	15	simulated annealing	medical, pipeline	benchmark	CP, constraint logic programming, CSP, constraint programming	Cplex, Ilog Scheduler	SCC	Benders Decomposition, Logic-Based Benders Decomposition, precedence, make-span, preempt, tardiness, periodic, distributed, release-date, preemptive, Infeasible	circuit		task, order, machine, scheduling, resource, activity	257	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BenoistGR02 [124]	15	time-tabling	workforce scheduling	benchmark, real-life	constraint programming, CLP, CP, constraint logic programming, propagation, constraint satisfaction	Choco Solver, Claire, CHIP		multi-objective, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, transportation			activity, order, machine, scheduling, resource	355	n/a
BertholdHLMS10 [126]	5				constraint programming, propagation, CP	SCIP, Cplex, Z3	psplib, RCPSP	preempt, completion-time, explanation, precedence, Infeasible, Unsatisfiable	disjunctive, cumulative		scheduling, order, resource, job	228	n/a
BessiereHMQW14 [127]	16		satellite	benchmark, real-life	constraint satisfaction, constraint programming, CP, propagation	Choco Solver		setup-time	BufferedResource, Element constraint, cycle, Cardinality constraint, alldifferent	textile industry	resource, task, scheduling, order, machine, job	162	n/a
BhatnagarKL19 [128]	7			real-world	CP, constraint programming		Resource-constrained Project Scheduling Problem, RCPSP	re-scheduling, bi-objective, transportation, completion-time, multi-objective, make-span, precedence, Infeasible	cumulative		activity, scheduling, resource, order, task	67	n/a
BidotVLB07 [129]	6		robot	real-life	propagation, CP, constraint programming, constraint satisfaction			job-shop, re-scheduling, reactive scheduling, precedence, stochastic, tardiness, make-span, periodic			activity, order, job, scheduling, task, resource	270	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BillautHL12 [131]	15			random instance	constraint programming, CP, propagation	Mistral, Cplex	single machine	job-shop, setup-time, stochastic, precedence, release-date, flow-shop, multi-objective, reactive scheduling, make-span, completion-time, cmax, tardiness, due-date, open-shop, Infeasible	cycle		order, machine, job, scheduling, resource	193	n/a
Bit-Monnot23 [132]	8	particle swarm, lazy clause generation, large neighborhood search, genetic algorithm		benchmark, real-world, github	propagation, constraint satisfaction, CP, constraint programming, CSP	MiniZinc, Mistral, OR-Tools, CPO	OSP, Partial Order Schedule, Open Shop Scheduling Problem	precedence, make-span, explanation, distributed, open-shop, job-shop	Disjunctive constraint, cycle, cumulative, disjunctive		task, scheduling, machine, activity, job, order, resource	5	876
BofillCGGPSV23 [141]	2	lazy clause generation	meeting scheduling	real-world	constraint programming, CP	Cplex, MiniZinc, Gecode		precedence			task, scheduling, order	6	n/a
BofillCSV17 [143]	9	energetic reasoning, lazy clause generation		benchmark	constraint programming, CP	SCIP, Z3	psplib, Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span, preempt, cmax, preemptive	cumulative		order, machine, scheduling, resource, activity	103	n/a
BofillCSV17a [142]	8	edge-finding, genetic algorithm, meta heuristic		benchmark	propagation, CP, constraint programming		RCPSP, Resource-constrained Project Scheduling Problem, psplib	precedence, preemptive, make-span, preempt	cumulative, disjunctive, cycle		resource, scheduling, machine, activity, order	104	n/a
BofillEGPSV14 [144]	16	lazy clause generation, time-tabling	meeting scheduling	industrial instance	CP, CSP, constraint satisfaction, propagation	Gecode, MiniZinc, SCIP, Cplex			Channeling constraint		scheduling, task, machine, order	163	n/a
BofillGSV15 [145]	9	time-tabling	meeting scheduling, high school timetabling	industrial instance	constraint programming, CLP, CP, CSP	Cplex			Cardinality constraint, Channeling constraint		order, machine, scheduling	140	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BogaerdtW19 [859]	16		railway	benchmark	CP	OPL, Cplex	parallel machine, single machine	job-shop, completion-time, setup-time, single-machine scheduling, precedence, tardiness, Infeasible	noOverlap		scheduling, job, order, machine	68	930
BonfiettiLBM11 [147]	15		hoist, robot	benchmark, generated instance, industrial instance	propagation, constraint programming, CP	Ilog Solver	RCPSP	precedence, make-span, cyclic scheduling, periodic, job-shop, Infeasible	cycle, cumulative		task, activity, machine, scheduling, order, resource, job	209	n/a
BonfiettiLBM12 [148]	16	time-tabling	hoist, robot	benchmark	propagation, CP	Ilog Solver	RCPSP	precedence, distributed, make-span, cyclic scheduling, periodic, job-shop	cycle, cumulative		activity, machine, scheduling, order, resource, job	194	n/a
BonfiettiLM13 [150]	5				constraint programming, CP, CSP	Cplex	Resource-constrained Project Scheduling Problem, RCPSP	cyclic scheduling, job-shop, periodic, make-span, precedence, Infeasible	cumulative, cycle		scheduling, resource, job, order, activity	178	n/a
BonfiettiLM14 [151]	16	large neighborhood search		benchmark, real-world	CP, CSP		Partial Order Schedule, RCPSP, psplib	job-shop, reactive scheduling, open-shop, stochastic, distributed, make-span, precedence, explanation	cumulative		scheduling, machine, resource, job, order, task, activity	164	n/a
BonfiettiM12 [152]	3		hoist	industrial instance	CP, constraint programming		RCPSP	cyclic scheduling, precedence, job-shop, periodic	cumulative		task, scheduling, machine, activity, job, resource	195	n/a
BonfiettiZLM16 [153]	17	edge-finder, sweep	automotive	generated instance, github, industrial instance, benchmark, real-world	propagation, constraint programming, CP	OR-Tools	RCPSP	periodic, precedence, make-span, cyclic scheduling, Infeasible	cumulative, cycle, disjunctive	automotive industry, control system industry	resource, activity, scheduling, order	119	944

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BonninMNE24 [154]	12	edge-finding, particle swarm, sweep, time-tabling	patient, COVID, vaccine	benchmark, real-life	constraint programming, COP, CP, propagation	Cplex	single machine	flow-time, precedence, release-date, flow-shop, make-span, preemptive, completion-time, single-machine scheduling, open-shop, preempt, explanation, job-shop	noOverlap, Flowtime constraint, Completion constraint, disjunctive, cumulative, Disjunctive constraint		job, activity, task, order, machine, scheduling, resource	1	n/a
BoothNB16 [155]	17	large neighborhood search	robot, medical	real-world	constraint programming, constraint satisfaction, propagation, CSP, CP	Cplex		distributed, Benders Decomposition, Logic-Based Benders Decomposition, precedence, re-scheduling	noOverlap, disjunctive, cumulative		resource, order, activity, scheduling, task, machine	120	n/a
BoudreaultSLQ22 [160]	16	large neighborhood search, meta heuristic, edge-finding, lazy clause generation, not-first, not-last, energetic reasoning	offshore	gitlab, github, real-world, supplementary material, benchmark, generated instance, real-life, industrial partner	constraint programming, propagation, COP, CP	Chuffed, MiniZinc, OPL, OR-Tools	psplib, RCPSP, Resource-constrained Project Scheduling Problem	transportation, distributed, explanation, cmax, precedence, make-span, multi-objective, preempt, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, Disjunctive constraint, cumulative	repair industry, ship repair industry	order, activity, machine, scheduling, resource, task	22	892
BourdaisGP03 [161]	15	column generation	nurse, physician, patient	real-life, real-world, benchmark	CP, constraint programming, CLP, constraint satisfaction	OPL, CHIP, Ilog Solver		Over-constrained	Cardinality constraint		scheduling, order, resource, task	343	n/a
BridiLBBM16 [167]	2				constraint programming			make-span, periodic, distributed			task, order, machine, job, activity, scheduling, resource	121	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BrusoniCLMMT96 [170]	10		railway, train schedule		constraint logic programming, CSP, COP, constraint satisfaction, constraint optimization, CLP, propagation			due-date, precedence, job-shop, no-wait, distributed	disjunctive, Disjunctive constraint		resource, task, scheduling, order, activity, job	409	n/a
BurtLPS15 [172]	17	quadratic programming, MIQP, MINLP		benchmark, industry partner, real-world	constraint programming, CP	Cplex, Gurobi, Gecode, MiniZinc	parallel machine, single machine	bi-objective, unavailability, stochastic, precedence, tardiness, completion-time, job-shop, Benders Decomposition, periodic, single-machine scheduling, make-span	cumulative, cycle		task, job, machine, resource, order, scheduling	141	n/a
Cambazard-HDJT04 [176]	15	simulated annealing, genetic algorithm	aircraft, robot, automotive	benchmark	CP, constraint programming, propagation, constraint logic programming, constraint satisfaction		parallel machine	preemptive, completion-time, periodic, Logic-Based Benders Decomposition, preempt, Benders Decomposition, distributed, explanation, precedence	Cardinality constraint, Element constraint, Channeling constraint		machine, scheduling, resource, task, order	327	n/a
CambazardJ05 [177]	5				propagation, CP, constraint logic programming, constraint programming, CSP	Choco Solver		explanation, Benders Decomposition, Logic-Based Benders Decomposition, Infeasible			scheduling, task	298	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
CappartS17 [179]	16	large neighborhood search	train schedule, railway	bitbucket, real-life, random instance	constraint satisfaction, propagation, COP, CP, constraint programming	OPL	TMS	multi-objective, re-scheduling, job-shop, completion-time, breakdown, explanation, precedence, Infeasible	cumulative, span constraint, noOverlap, alternative constraint		scheduling, task, machine, resource, activity, job, order	105	939
CappartTSR18 [180]	17	column generation, large neighborhood search	medical, patient	bitbucket, real-life, CSPlib	CSP, CP, constraint programming	MiniZinc, Cplex, CPO, OPL	Partial Order Schedule	Logic-Based Benders Decomposition, periodic, Pareto, transportation, setup-time, producer/consumer, Benders Decomposition, multi-objective	cumulative, noOverlap, circuit, disjunctive		resource, activity, scheduling, order	89	937
CarchraeBF05 [182]	1				CP		Partial Order Schedule	make-span			task, scheduling, order	299	n/a
CarlssonKA99 [190]	15			real-world	constraint programming, CLP, propagation	SICStus		precedence, job-shop, cmax, completion-time, due-date, make-span, setup-time, breakdown, Infeasible	cycle		task, scheduling, machine, job, order, resource	380	n/a
Caseau97 [191]	4	edge-finding	robot	benchmark	propagation, constraint programming, CP			preempt, make-span, preemptive, job-shop	cumulative		job, resource, order, scheduling, task	400	n/a
CatusseCBL16 [193]	7	column generation, large neighborhood search, meta heuristic	telescope, astronomy		COP, CP, constraint programming	OPL	parallel machine, single machine	release-date, due-date, stochastic	disjunctive		scheduling, machine, job, order, resource, task	122	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
CauwelaertDMS16 [194]	16	not-first, not-last, edge-finding	container terminal	real-life, bitbucket, benchmark	propagation, CP, constraint programming			batch process, setup-time, precedence, sequence dependent setup, preemptive, make-span, completion-time, preempt, job-shop	cumulative, disjunctive		order, activity, machine, scheduling, resource, task, job	123	945
CauwelaertLS15 [195]	10	time-tabling, energetic reasoning		benchmark, bitbucket	CSP, propagation, constraint programming, CP		RCPSP, Resource-constrained Project Scheduling Problem, psplib		bin-packing, table constraint, cumulative, disjunctive, Cumulatives constraint, GCC constraint		task, scheduling, order, resource	142	946
CestaOF99 [200]	12		robot	benchmark	CSP, CP, propagation, constraint satisfaction		RCPSP	precedence, make-span, re-scheduling, stochastic, job-shop, completion-time, release-date, Infeasible	cumulative, disjunctive		job, scheduling, machine, resource, order, activity	381	n/a
CestaOS00 [201]	6	edge-finding	robot	benchmark	CSP, CP, propagation, constraint satisfaction		JSSP, TCSP	precedence, make-span, re-scheduling, stochastic, job-shop, Infeasible	disjunctive, cycle		job, scheduling, resource, order, activity	372	n/a
CestaOS98 [199]	1		robot		CSP, CP						job, scheduling, resource	389	n/a
ChapadosJR11 [202]	6	column generation, time-tabling			CP, constraint programming	OPL			cycle, cumulative	retail industry	task, scheduling, activity, order	210	n/a
ChuGNSW13 [204]	7	not-last, edge-finding, not-first			constraint satisfaction, CP, propagation, constraint programming, CSP	CHIP		distributed, precedence	Cardinality constraint, disjunctive, cumulative, alldifferent		resource, job, scheduling, task, machine, order	179	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ChuX05 [205]	15	MINLP			constraint programming, constraint logic programming, CP, propagation	ECLiPSe	single machine	one-machine scheduling, completion-time, Logic-Based Benders Decomposition, due-date, explanation, single-machine scheduling, release-date, Benders Decomposition, Infeasible	cumulative, disjunctive, Disjunctive constraint		scheduling, machine, order, resource, job	300	n/a
ChunCTY99 [206]	8		airport, aircraft		constraint satisfaction, CLP, CSP, CP, constraint programming	Ilog Solver	TMS	reactive scheduling, explanation, distributed, transportation	cycle		scheduling, task, machine, resource, order	382	n/a
ChunS14 [207]	8	sweep	railway, airport	real-world	constraint programming, CSP, constraint satisfaction, constraint logic programming	OPL	TMS	transportation, re-scheduling			task, resource, order, job, scheduling	165	n/a
CireCH13 [209]	7				constraint programming, constraint satisfaction, CP, constraint logic programming	OPL, SCIP, Cplex		tardiness, Benders Decomposition, stochastic, Logic-Based Benders Decomposition, explanation, precedence, make-span	circuit, cumulative		scheduling, task, order, machine, job, resource	180	954

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ClercqPBJ11 [213]	16	time-tabling, edge-finding, sweep, energetic reasoning		benchmark	CP, propagation	Choco Solver, CHIP		due-date, distributed, release-date, completion-time, precedence, Over-constrained	cumulative, alldifferent, SoftCumulative, Cumulatives constraint, SoftCumulativeSum, Cardinality constraint		order, scheduling, resource, activity	211	n/a
CobanH10 [214]	5				CP, constraint programming	OPL, Cplex		make-span, distributed, re-scheduling, preemptive, tardiness, Benders Decomposition, Logic-Based Benders Decomposition, preempt, Infeasible	circuit, disjunctive		order, scheduling, job	229	n/a
CohenHB17 [216]	17	time-tabling, support vector regression, machine learning, simulated annealing	music festival		constraint programming, CP, constraint satisfaction, COP	Cplex, OPL		Infeasible	noOverlap, alternative constraint		machine, order, activity, scheduling, task	106	n/a
ColT19 [218]	17	machine learning, genetic algorithm, large neighborhood search		benchmark, github, real-world	constraint programming, constraint satisfaction, CP, propagation	OR-Tools, CPO, MiniZinc	JSSP	job-shop, make-span, earliness, precedence	noOverlap, disjunctive		scheduling, machine, order, resource, job	69	931
Colombani96 [219]	15	simulated annealing			constraint programming, CLP, CP, constraint satisfaction	CHIP		due-date, job-shop, stochastic, precedence, release-date, preempt	disjunctive		job, scheduling, resource, task, activity, order, machine	410	n/a
CrawfordB94 [221]	6		operating room		propagation			job-shop, distributed, Over-constrained			order, machine, scheduling, resource, job, task	423	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
DannaP03 [226]	5	genetic algorithm, large neighborhood search		benchmark	constraint programming, CP, propagation	Ilog Solver, Ilog Scheduler, Cplex		job-shop, explanation, earliness, tardiness	disjunctive		activity, resource, order, scheduling, machine, job	344	n/a
Davenport10 [229]	5		semiconductor, maintenance scheduling		constraint programming, CP	Cplex		release-date, completion-time, earliness, planned maintenance, tardiness, periodic, due-date			resource, order, scheduling	230	n/a
DavenportKRSH07 [230]	13	large neighborhood search			CP, constraint programming, propagation, constraint satisfaction	Cplex, CHIP		preempt, job-shop, inventory, setup-time, make to order, precedence, sequence dependent setup, Infeasible	disjunctive, bin-packing	steel industry	activity, machine, resource, order, job, scheduling	271	n/a
DejemeppeCS15 [239]	16	not-last, genetic algorithm, not-first, edge-finding, ant colony, Lagrangian relaxation	container terminal	bitbucket, real-world, generated instance, benchmark	constraint programming, propagation, CP		single machine	setup-time, preempt, completion-time, tardiness, make-span, precedence, preemptive, job-shop, sequence dependent setup, release-date	disjunctive, cumulative, cycle		resource, task, activity, scheduling, machine, job, order	143	947
DejemeppeD14 [240]	9	large neighborhood search	patient, medical	bitbucket	propagation, CP, constraint optimization, COP, constraint programming			bi-objective, precedence, job-shop, Pareto, make-span, setup-time, multi-objective	cumulative		resource, scheduling, activity, job, order	166	952

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
DemirovicS18 [243]	18	time-tabling, large neighborhood search, meta heuristic, mat heuristic, simulated annealing, column generation	high school timetabling, airport	benchmark, real-world	CP, constraint programming	Gurobi, MiniZinc		precedence	cumulative, disjunctive, Disjunctive constraint		scheduling, order, resource, task, activity	90	n/a
DerrienP14 [245]	9	sweep, edge-finding, energetic reasoning		random instance	constraint programming, constraint satisfaction, propagation, CP	Choco Solver	CuSP, psplib	make-span	cumulative		resource, order, scheduling, activity	167	n/a
DerrienPZ14 [246]	9	sweep, large neighborhood search		benchmark, real-world, random instance	constraint programming, CP, propagation	Choco Solver, CHIP	RCPSP, CuSP	precedence, make-span, re-scheduling	Cumulatives constraint, cumulative, Balance constraint		job, activity, order, machine, scheduling, resource	168	n/a
DilkinaDH05 [248]	5	systematic local search, simulated annealing			COP, CP, propagation, CSP, constraint optimization	OPL		stochastic, precedence, make-span, job-shop, Infeasible			order, machine, job, scheduling	301	n/a
DilkinaH04 [249]	6	systematic local search, simulated annealing	sports scheduling, tournament, round-robin	real-life	constraint programming, CSP, constraint optimization, constraint satisfaction, propagation			explanation, stochastic, multi-agent	circuit		resource, scheduling	328	n/a
DincbasS91 [251]	13		airport, aircraft		constraint programming, constraint logic programming	CHIP		re-scheduling, online scheduling			resource, scheduling, task	434	n/a
DoRZ08 [253]	5		robot	real-world, industrial partner	propagation			order scheduling, distributed, stochastic, make-span			resource, job, scheduling, machine, order	258	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
DoomsH08 [255]	16				CP		RCPSP	stochastic, explanation, completion-time, online scheduling, job-shop		service industry	activity, resource, order, scheduling, machine, job, task	259	n/a
DoulabiRP14 [259]	9	column generation	medical, patient, nurse, operating room, surgery		constraint programming, CP	Cplex		due-date	Cardinality constraint, bin-packing, Element constraint		activity, scheduling, resource, task, order	169	n/a
DraperJCJ99 [261]	6		hoist, robot, pipeline	real-world	CP, propagation, constraint satisfaction	Claire		cyclic scheduling, precedence, make-span, completion-time, re-scheduling, job-shop	cycle		task, order, scheduling, resource, job	384	n/a
EastonNT02 [262]	13	time-tabling, column generation	travelling tournament problem, sports scheduling, tournament, round-robin	benchmark	propagation, CP, constraint programming	OPL					order, scheduling	356	n/a
EdisO11 [264]	7	meta heuristic, genetic algorithm, Lagrangian relaxation			constraint logic programming, CP, constraint programming	OPL, Cplex	parallel machine	Logic-Based Benders Decomposition, tardiness, due-date, completion-time, lateness, earliness, Benders Decomposition, make-span, flow-time, preempt, Infeasible	bin-packing, noOverlap, cumulative		job, scheduling, task, resource, machine, activity	212	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
EfthymiouY23 [267]	16	neural network, meta heuristic, deep learning, reinforcement learning, machine learning	hoist, pipeline, electroplating, satellite	generated instance, random instance, industrial instance, benchmark, real-life	CP, CSP, constraint programming	OR-Tools, OPL	JSSP, CHSP	make-span, explanation, re-scheduling, setup-time, job-shop	cumulative, disjunctive, cycle		job, order, task, scheduling, machine	7	877
ElhouraniDM07 [270]	6				constraint optimization, constraint satisfaction, COP	OPL		multi-agent, distributed, buffer-capacity	cycle		task	272	n/a
ElkhyariGJ02 [272]	6				CLP, propagation, constraint satisfaction, CP, constraint programming		Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span, explanation, due-date, re-scheduling, breakdown, preempt	table constraint, cumulative, disjunctive		scheduling, machine, activity, resource, task	357	n/a
ElkhyariGJ02a [273]	24	genetic algorithm, time-tabling	high school timetabling	benchmark, real-life	CSP, CP, CLP, constraint satisfaction, constraint programming, propagation, constraint logic programming	OPL	Resource-constrained Project Scheduling Problem, RCPSP, psplib	online scheduling, open-shop, breakdown, due-date, precedence, explanation, re-scheduling, Over-constrained	cumulative, Disjunctive constraint, disjunctive, Arithmetic constraint		order, task, activity, scheduling, resource	358	n/a
EreminW01 [276]	15	Lagrangian relaxation, column generation	tournament, crew-scheduling, travelling tournament problem	real-world, industrial partner, benchmark	CP, propagation, constraint programming, constraint logic programming	ECLiPSe, Cplex, CHIP		explanation, transportation, Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	cumulative, cycle		scheduling, resource, order, task	367	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ErkingerM17 [277]	8		workforce scheduling, nurse	real-life, benchmark	CP, CSP, constraint optimization, constraint satisfaction, constraint programming	MiniZinc, Z3	Resource-constrained Project Scheduling Problem	manpower, explanation			order, machine, scheduling, resource, task	107	n/a
ErtlK91 [278]	12		pipeline	benchmark, real-world	propagation, constraint satisfaction, constraint logic programming			setup-time	cycle		task, resource, order, machine, scheduling	435	n/a
EskeyZ90 [280]	8	machine learning		real-world	CSP, constraint satisfaction			explanation, re-scheduling, job-shop, explainable	cumulative		activity, machine, resource, order, scheduling, job, task	437	n/a
EvenSH15 [283]	18	column generation, sweep, mat heuristic, ant colony	evacuation, emergency service	real-life, real-world	CP, constraint programming	OPL, Choco Solver		transportation, preempt, distributed, preemptive, Benders Decomposition, completion-time	Disjunctive constraint, cumulative, disjunctive		machine, resource, order, scheduling, task	144	n/a
FalqueALM24 [291]	9	column generation, large neighborhood search, lazy clause generation	airport, COVID, aircraft	github, real-world, gitlab, supplementary material	CP, constraint satisfaction, CSP, constraint optimization, constraint programming, COP	Choco Solver, OPL, MiniZinc		periodic, transportation	table constraint, alldifferent		task, order, scheduling, resource, job	2	873
FeldmanG89 [296]	7				constraint satisfaction, propagation, CSP			Infeasible			scheduling, order	440	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FocacciLN00 [300]	10	edge-finding		real-world	CP, propagation, constraint satisfaction, constraint programming, CLP			Pareto, setup-time, precedence, sequence dependent setup, make-span, open-shop, preempt, cmax, due-date, job-shop, distributed	Disjunctive constraint, disjunctive		task, order, machine, scheduling, resource, job, activity	373	n/a
FontaineMH16 [302]	11	column generation, large neighborhood search, meta heuristic, machine learning		benchmark	constraint satisfaction, CP, constraint programming, CLP	MiniZinc, Gurobi, CHIP	parallel machine	Benders Decomposition, make-span, explanation, Logic-Based Benders Decomposition, job-shop, completion-time, precedence	disjunctive		scheduling, machine, job, order, resource, task	124	n/a
FortinZDF05 [304]	15				CP		psplib	stochastic, precedence, temporal constraint reasoning, make-span			resource, task, activity, order, scheduling	302	n/a
FoxAS82 [305]	4		robot					distributed, precedence, job-shop, due-date, re-scheduling, tardiness			job, order, scheduling, machine, task, resource	445	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FoxS90 [306]	14	simulated annealing	telescope, robot	real-world	CLP, CSP, propagation, constraint satisfaction, COP	CHIP	single machine	lateness, earliness, tardiness, flow-time, precedence, re-scheduling, setup-time, reactive scheduling, stochastic, job-shop, unavailability, completion-time, make-span, flow-shop, due-date, Infeasible	disjunctive, Disjunctive constraint		activity, resource, job, scheduling, machine, task, order	438	n/a
FrankDT16 [307]	9		satellite, robot, offshore		constraint programming, CP	Cplex		explanation, re-scheduling, cyclic scheduling, setup-time, Over-constrained	disjunctive, geost, noOverlap		scheduling, task, order, resource, job	125	n/a
FrankK03 [308]	10		astronomy, airport, aircraft, telescope	benchmark				stochastic			order, scheduling	345	n/a
FrankK05 [309]	18		astronomy, satellite, airport, aircraft, telescope	benchmark	CP, propagation			stochastic, periodic, explanation, due-date, precedence, Infeasible	cycle		order, job, resource, scheduling, task	303	n/a
FrimodigS19 [312]	17	large neighborhood search	medical, patient, physician, nurse, radiation therapy, surgery	benchmark, real-world	constraint programming, CP, constraint satisfaction	Cplex, MiniZinc, Gecode		job-shop, stochastic, Benders Decomposition	cumulative, bin-packing, regular expression, Regular constraint		order, machine, job, scheduling, resource, task	70	932

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FrohnerTR19 [314]	9	ant colony, meta heuristic	nurse	benchmark, real-world	constraint optimization, constraint satisfaction, constraint programming, CP, CSP	MiniZinc, Gecode, Gurobi		multi-objective, distributed			order, scheduling	71	n/a
FrostD98 [315]	1		maintenance scheduling		constraint satisfaction, CSP, CP					power industry	scheduling, order	390	n/a
FukunagaHFAMN02 [316]	8	simulated annealing	robot, meeting scheduling	real-world	constraint satisfaction, propagation	OPL		periodic, distributed			machine, scheduling, activity, resource, task, order	359	n/a
GalleguillosKSB19 [317]	18	large neighborhood search, neural network, machine learning	datacenter, supercomputer, high performance computing		constraint programming, CP	OR-Tools	Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, distributed, make-span, stochastic	alternative constraint, cumulative		resource, order, job, machine, activity, scheduling	72	933
GarganiR07 [319]	13	large neighborhood search, column generation	steel mill	real-life, CSPlib	propagation, CP, constraint programming, CSP	OPL		inventory	Element constraint, bin-packing, Channeling constraint	steel industry	machine, resource, order	273	n/a
GayHLS15 [322]	9	edge-finding, time-tabling		bitbucket, benchmark	CP, constraint programming, constraint satisfaction, propagation, CSP		OSP, psplib, RCPSP	precedence, make-span	cumulative, disjunctive		resource, order, scheduling, task, activity	145	948
GayHS15 [323]	9	time-tabling, sweep		bitbucket	propagation, CP, constraint programming	Choco Solver, OR-Tools, Gecode		preemptive, precedence, preempt, Infeasible	cumulative, table constraint, Cumulatives constraint, disjunctive		task, resource, order, scheduling	146	949
GayHS15a [324]	16	not-first, not-last, edge-finding, time-tabling, energetic reasoning, sweep		real-world, benchmark, bitbucket	constraint programming, propagation, CP		psplib, RCPSP	preemptive, manpower, preempt	cumulative, disjunctive, Cumulatives constraint		order, machine, scheduling, task, resource	147	950

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GaySS14 [325]	15	Lagrangian relaxation, meta heuristic, ant colony, large neighborhood search, sweep	steel mill	real-life, CSPlib	propagation, CP, constraint programming, CSP		Partial Order Schedule	setup-time, continuous-process, precedence, manpower, job-shop, completion-time, make-span, Infeasible, Over-constrained	cycle, disjunctive, cumulative		machine, activity, resource, job, order, scheduling	171	n/a
GeibingerKKMMW21 [328	10		medical, patient, nurse, physician, COVID	real-world	CP, constraint programming	MiniZinc, OR-Tools, Gurobi, Cplex, Gecode		distributed	Cardinality constraint	pharmaceutical industry	scheduling	44	910
GeibingerMM19 [330]	16	time-tabling	automotive	real-world, generated instance, benchmark, real-life, industrial partner	CP, constraint programming	Cplex, CPO, Gecode, MiniZinc	RCPSP, Resource-constrained Project Scheduling Problem	precedence, re-scheduling, release-date, completion-time, due-date, multi-objective, make-span	Pulse constraint, alternative constraint, cumulative, endBeforeStart, noOverlap		activity, scheduling, resource, job, order, task	73	n/a
GeibingerMM21 [331]	9	simulated annealing, large neighborhood search, lazy clause generation, time-tabling, machine learning	nurse, train schedule, operating room	real-world, generated instance, github, benchmark, real-life	CP, CLP, constraint programming, constraint logic programming	Chuffed, Cplex, CPO	RCPSP, Resource-constrained Project Scheduling Problem	precedence, release-date, completion-time, tardiness, due-date, Unsatisfiable	disjunctive, cumulative		activity, scheduling, machine, resource, job, order, task	45	911

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GeitzGSSW22 [332]	18	meta heuristic, machine learning, sweep, simulated annealing, not-last, lazy clause generation	robot	real-world, real-life, github	constraint satisfaction, constraint programming, COP, CLP, CP, propagation	OPL	single machine, JSSP, RCPSP	sequence dependent setup, job-shop, transportation, setup-time, lateness, precedence, batch process, make-span, preemptive, completion-time, preempt, producer/consumer	cumulative		job, scheduling, resource, task, order, machine	23	893
GelainPRVW17 [333]	16		meeting scheduling	CSPlib, real-life, benchmark	CP, CSP, constraint optimization, constraint programming, CLP, propagation, constraint satisfaction						order, resource, scheduling	108	n/a
Geske05 [336]	18	genetic algorithm	train schedule, railway	real-life	CSP, propagation, constraint satisfaction, CP, CLP, constraint programming	SICStus, CHIP		re-scheduling, lateness, distributed, job-shop	cumulative	railway industry	task, resource, machine, activity, job, order, scheduling	304	n/a
GetoorOFC97 [337]	6		robot	benchmark	CSP, constraint optimization, constraint programming, constraint logic programming, propagation, constraint satisfaction	SICStus		job-shop, online scheduling, precedence, flow-shop, make-span	span constraint		order, machine, scheduling, resource, job, activity, task	401	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GilesH16 [340]	16		pipeline		constraint programming, constraint satisfaction, CP, constraint optimization	Cplex		transportation, setup-time, inventory	disjunctive, cumulative	chemical industry, processing industry, petrochemical industry, chemical processing industry	task, activity, resource, order, scheduling	126	n/a
GingrasQ16 [341]	7	sweep, edge-finder, edge-finding, energetic reasoning		benchmark	constraint programming, propagation, CP	Choco Solver	psplib, RCPSP, CuSP	make-span, completion-time, precedence	disjunctive, cumulative		scheduling, task, resource, order	127	n/a
GlobusCLP04 [342]	8	genetic algorithm, sweep, simulated annealing	earth observation, telescope, satellite, deep space, tournament, robot	real-world	CP			job-shop, stochastic, flow-shop, Infeasible	cycle		job, resource, task, order, scheduling	329	n/a
GodardLN05 [343]	9	large neighborhood search		benchmark	constraint satisfaction, propagation, CP, constraint programming	Ilog Solver, Ilog Scheduler	Resource-constrained Project Scheduling Problem, JSSP	tardiness, make-span, job-shop, completion-time, earliness, precedence	cumulative, disjunctive, table constraint		order, scheduling, machine, activity, resource, job	305	n/a
GodetLHS20 [345]	8	not-last, lazy clause generation, time-tabling, large neighborhood search	satellite	real-life, benchmark, generated instance, github	constraint programming, propagation, CP	Chuffed, CHIP, Choco Solver	single machine, PMSP, parallel machine	release-date, make-span, completion-time, setup-time, cmax	alldifferent, bin-packing, Disjunctive constraint, cumulative, disjunctive		job, scheduling, task, machine, resource, order	54	919
GokGSTO20 [347]	17	large neighborhood search, GRASP, genetic algorithm, mat heuristic	aircraft, airport	Roadef, real-world	CP, propagation, constraint programming	Gecode, Z3, Gurobi, MiniZinc	Resource-constrained Project Scheduling Problem, RCPSP	multi-agent, stochastic, distributed, job-shop, bi-objective, setup-time, precedence, tardiness	cumulative, circuit, disjunctive		order, activity, task, resource, job, scheduling	55	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GoldwaserS17 [350]	16	column generation, lazy clause generation, simulated annealing	torpedo	github, instance generator, generated instance	constraint programming, propagation, CP, constraint optimization	Gurobi, Gecode		Logic-Based Benders Decomposition, transportation, due-date, Benders Decomposition, Infeasible	cumulative, disjunctive	steel industry	order, resource, scheduling, machine	109	940
Goltz95 [352]	14	edge-finding		benchmark	constraint logic programming, CLP	CHIP		precedence, job-shop, due-date, completion-time	cumulative, disjunctive		task, resource, machine, job, order, scheduling	417	n/a
GomesHS06 [354]	2			real-life	CP, propagation, constraint programming	Ilog Solver		multi-agent, distributed			order, scheduling, task	286	n/a
GrimesH10 [358]	15	genetic algorithm, meta heuristic, simulated annealing, time-tabling, edge-finding		benchmark	constraint logic programming, CSP, CP, propagation, constraint programming, CLP, constraint satisfaction		Open Shop Scheduling Problem	flow-shop, setup-time, no-wait, precedence, make-span, sequence dependent setup, batch process, cmax, job-shop, open-shop, Unsatisfiable	disjunctive, cumulative, cycle, Disjunctive constraint	steel industry	job, scheduling, machine, order, task, resource	231	n/a
GrimesH11 [359]	17	genetic algorithm, meta heuristic, lazy clause generation, large neighborhood search, memetic algorithm, edge-finding		benchmark	CSP, CP, propagation, constraint programming, constraint satisfaction	Cplex, Ilog Solver, OPL, Ilog Scheduler	RCPSP	flow-shop, no-wait, precedence, make-span, tardiness, earliness, due-date, cmax, job-shop, open-shop, completion-time, release-date	disjunctive, cumulative, Disjunctive constraint		job, scheduling, machine, order, task, resource	213	n/a
GrimesHM09 [361]	9	edge-finding, not-last, meta heuristic, particle swarm		benchmark	constraint satisfaction, propagation, CP, constraint programming, CSP	Mistral, Ilog Scheduler, Choco Solver	OSP, Open Shop Scheduling Problem	make-span, job-shop, open-shop, precedence	disjunctive, Balance constraint, Disjunctive constraint		resource, order, job, scheduling, task, machine	242	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GroleazNS20 [365]	17	mat heuristic, ant colony, large neighborhood search, meta heuristic		industrial instance, benchmark	CSP, constraint programming, CP, propagation	CPO, OR-Tools	Resource-constrained Project Scheduling Problem, GCSP	explanation, due-date, job-shop, setup-time, inventory, precedence, release-date, preemptive, preempt, tardiness	noOverlap, circuit, cycle, cumulative	food industry	job, scheduling, resource, machine, order	56	920
GroleazNS20a [364]	9	swarm intelligence, machine learning, ant colony, genetic algorithm, meta heuristic, GRASP		industrial partner, benchmark	propagation, CP	Cplex, CPO	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	multi-objective, release-date, precedence, preemptive, transportation, tardiness, setup-time, preempt, inventory, due-date, distributed	cumulative, cycle, noOverlap	food industry	order, resource, scheduling, machine, job	57	921
GruianK98 [367]	8	genetic algorithm, meta heuristic	pipeline, aircraft	benchmark	CSP, CP, propagation, CLP, constraint logic programming	OPL, CHIP		re-scheduling	cumulative, cycle, diffn, circuit		order, activity, task, resource, scheduling	391	n/a
GuSS13 [368]	7	Lagrangian relaxation, edge-finding, lazy clause generation, time-tabling, meta heuristic, edge-finder, genetic algorithm		benchmark	CP, propagation, constraint programming		Resource-constrained Project Scheduling Problem, single machine	precedence, net present value, make-span, distributed, explanation, single-machine scheduling, Infeasible	cumulative		activity, resource, scheduling, machine, order	181	955
GuSW12 [370]	15	Lagrangian relaxation, lazy clause generation, ant colony		benchmark	CP		Resource-constrained Project Scheduling Problem	precedence, net present value, cmax, make-span, preempt, preemptive	cumulative		activity, resource, job, scheduling, order	196	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HamdiL13 [385]	7			real-life	constraint programming, CP	OPL	single machine, parallel machine	due-date, tardiness, Benders Decomposition, completion-time, flow-shop, Logic-Based Benders Decomposition, preempt, make-span, single-machine scheduling, release-date, Infeasible	cumulative, circuit, disjunctive, noOverlap		order, scheduling, job, task, machine, resource	182	n/a
Hamscher91 [386]	6				propagation, CP		TMS	inventory			machine, order	436	n/a
HanenKP21 [387]	17	energetic reasoning	pipeline	Roadef, generated instance, random instance	propagation, CP, constraint programming	Claire	RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem	due-date, precedence, tardiness, preemptive, completion-time, cmax, lateness, job-shop, preempt, release-date, make-span	cumulative		machine, resource, order, scheduling, task, job	46	912
He0GLW18 [395]	18	quadratic programming	energy-price, real-time pricing	real-world, bitbucket	CP	Gurobi		distributed, precedence, re-scheduling, multi-objective, transportation, multi-agent			order, scheduling, machine	91	938
HebrardALL-CMR22 [396]	7	sweep	round-robin, deep space		CP	Claire		Unsatisfiable	cumulative		order, scheduling, activity	24	n/a
HebrardTW05 [398]	1				constraint programming, CP, constraint satisfaction			job-shop			scheduling, job, order, machine	306	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HechingH16 [400]	11	mat heuristic	patient, medical	real-world	COP, constraint satisfaction, CP, constraint programming	OPL, Cplex		manpower, Logic-Based Benders Decomposition, re-scheduling, Benders Decomposition, stochastic, Infeasible	circuit, noOverlap		scheduling, order, job, task	128	n/a
HeinzB12 [402]	17	GRASP			constraint satisfaction, propagation, CP, COP, constraint programming	OPL, Ilog Scheduler, SCIP, Ilog Solver, Cplex	single machine	Benders Decomposition, Logic-Based Benders Decomposition, explanation, single-machine scheduling, earliness, precedence, due-date, tardiness, completion-time, release-date, Infeasible	Channeling constraint, cycle, cumulative, alternative constraint, IloAlternative		activity, resource, order, scheduling, machine, job	197	n/a
HeinzKB13 [403]	16	meta heuristic			CP, propagation, constraint programming	SCIP, Cplex, OPL	single machine	explanation, Benders Decomposition, release-date, Logic-Based Benders Decomposition, job-shop, tardiness, Infeasible	cumulative, Channeling constraint		machine, order, resource, job, scheduling	183	n/a
HeinzS11 [405]	10	time-tabling, energetic reasoning		benchmark	propagation, CP	SCIP, Cplex	psplib, Resource-constrained Project Scheduling Problem, RCPSP	preempt, explanation, completion-time, Infeasible	cumulative, disjunctive		resource, order, scheduling, machine, job	214	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HentenryckM04 [411]	16	meta heuristic		benchmark	CP, constraint satisfaction, constraint programming			completion-time, tardiness, open-shop, due-date, make-span, precedence, job-shop, Infeasible	cumulative, disjunctive, cycle		resource, job, task, activity, scheduling, machine, order	330	n/a
HentenryckM08 [412]	5	large neighborhood search	steel mill	CSPlib	CSP, CP, constraint programming				bin-packing		order	260	n/a
HermenierDL11 [415]	15	meta heuristic	datacenter		constraint programming, propagation, CP	Choco Solver		precedence, producer/consumer, distributed, periodic, completion-time, explanation, no-wait	bin-packing, disjunctive, cumulative, cycle, table constraint, alldifferent		task, machine, order, resource, scheduling	215	n/a
HillTV21 [418]	19	genetic algorithm, machine learning, lazy clause generation		real-world	CSP, CP, constraint programming, propagation		psplib, Resource-constrained Project Scheduling Problem, RCPSP, single machine	single-machine scheduling, bi-objective, preempt, net present value, preemptive, make-span, release-date, precedence, flow-shop	cycle, cumulative, alternative constraint		activity, order, machine, job, resource, scheduling, task	47	913
HoYCLLCLC18 [420]	6		medical, patient, nurse	real-world	constraint programming			stochastic, re-scheduling, sustainability, distributed			task, order, machine, job, scheduling, resource	92	n/a
HoeveGSL07 [861]	6	edge-finding		benchmark	CP, constraint programming	Cplex, Ilog Scheduler		multi-agent, distributed, job-shop, re-scheduling, precedence	disjunctive		scheduling, resource, job, task, machine, order	274	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Hooker04 [423]	12	MINLP		random instance	constraint satisfaction, constraint programming, CP, constraint logic programming	OPL, Ilog Scheduler, Cplex		release-date, Logic-Based Benders Decomposition, make-span, distributed, precedence, tardiness, Benders Decomposition	disjunctive, cumulative, circuit		machine, task, resource, order, scheduling	331	n/a
Hooker05a [425]	14	MINLP			CP, constraint programming, constraint logic programming	Ilog Scheduler, OPL, Cplex		Benders Decomposition, release-date, Logic-Based Benders Decomposition, make-span, due-date, precedence, tardiness	circuit, cumulative, disjunctive		machine, resource, order, scheduling, task, job	307	n/a
Hooker05b [426]	15	meta heuristic, simulated annealing, GRASP			CP, propagation, constraint programming, constraint satisfaction, constraint logic programming			Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	circuit		order, scheduling, task	308	n/a
Hooker17 [431]	14			benchmark, random instance	constraint programming, CP			due-date, tardiness, Infeasible	circuit		job, resource, order, scheduling	110	n/a
HookerY02 [437]	5				CLP, CP, propagation, constraint programming, constraint satisfaction, constraint logic programming		RCPSP	Benders Decomposition, Logic-Based Benders Decomposition	cumulative, disjunctive		machine, resource, order, scheduling, job	360	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HoundjiSWD14 [439]	16			bitbucket, generated instance	CP, constraint programming, propagation		single machine	precedence, transportation, inventory, due-date, Infeasible, Over-constrained	circuit, Cardinality constraint, Element constraint, GCC constraint		order, resource, scheduling, machine	172	953
Hunsberger08 [441]	5			real-world	CP, propagation			distributed, multi-agent	cycle		order, task, scheduling	261	n/a
IfrimOS12 [443]	16	machine learning, genetic algorithm, neural network	energy-price, datacenter	real-life	CP			periodic, due-date, re-scheduling, stochastic, distributed, sustainability	disjunctive		order, scheduling, task, job, machine, resource	198	n/a
IklassovMR023 [444]	9	neural network, reinforcement learning, deep learning, machine learning	robot	real-world, benchmark, github	CP, constraint programming	OR-Tools		make-span, completion-time, preemptive, precedence, transportation, multi-agent, job-shop, flow-time, tardiness, stochastic, distributed, preempt	disjunctive, cumulative, cycle		task, scheduling, machine, resource, job, order	8	878
JelinekB16 [450]	10			real-life	constraint logic programming, constraint satisfaction, propagation	OPL, SICStus		completion-time, Infeasible	cumulative, table constraint		order, scheduling, task	129	n/a
JoLLH99 [451]	6		airport, aircraft		CSP, constraint satisfaction, constraint logic programming	Ilog Solver, CHIP		breakdown, reactive scheduling, job-shop, explanation, re-scheduling	cycle		task, resource, order, machine, activity, job, scheduling	385	n/a
Johnston05 [212]	7	Lagrangian relaxation	astronomy, deep space, satellite, telescope		propagation, CP	OPL		re-scheduling, Pareto, periodic, stochastic			order, scheduling, task, machine, resource, activity	309	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
JungblutK22 [453]	4			benchmark, real-world, github	constraint programming, CP	MiniZinc		make-span, preempt, distributed	circuit		order, machine, scheduling, resource, task	25	894
Junker00 [454]	6	edge-finder			CSP, CP, constraint satisfaction, propagation	Ilog Scheduler	TMS	job-shop, make-span, precedence, due-date, release-date			activity, resource, order, scheduling, job, task	374	n/a
JuvinHHL23 [456]	16	edge-finding, genetic algorithm, not-last, not-first		github, benchmark, supplementary material	CSP, constraint satisfaction, constraint programming, propagation, CP	CPO, Mistral	JSSP, parallel machine	make-span, cmax, preempt, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, flow-shop, completion-time, precedence, Benders Decomposition, setup-time	disjunctive, Disjunctive constraint, PreemptiveNoOverlap, noOverlap, endBeforeStart, AllDiffPrec constraint, alldifferent, cumulative		job, scheduling, task, machine, resource, order	9	879
JuvinHL23 [458]	16			real-world	CP, constraint programming	Cplex, CPO		precedence, tardiness, completion-time, cmax, stochastic, job-shop, setup-time, breakdown, make-span, flow-shop, Infeasible	endBeforeStart, noOverlap		machine, order, scheduling, task, job	10	880
KamarainenS02 [460]	17	genetic algorithm, simulated annealing, meta heuristic		real-world, benchmark	CP, CSP, propagation, constraint logic programming, constraint satisfaction, constraint programming	ECLiPSe	KRFP	preemptive, earliness, precedence, transportation, job-shop, preempt, Infeasible			activity, scheduling, machine, resource, job, order	361	n/a

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

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KeriK07 [473]	14	edge-finding			CP, propagation		Resource-constrained Project Scheduling Problem, RCPSP	precedence, cmax, job-shop, due-date, earliness, tardiness, temporal constraint reasoning, make-span, Infeasible	cycle		activity, resource, job, order, scheduling	275	n/a
KhemmoudjPB06 [475]	13	meta heuristic		real-world	constraint programming, propagation, CSP, CP	CHIP		distributed, unavailability, stock level	cycle, cumulative		resource, order, scheduling	287	n/a
KimCMLLP23 [476]	16	mat heuristic, meta heuristic, genetic algorithm, Lagrangian relaxation, large neighborhood search		real-world, zenodo, benchmark	propagation, CP, constraint programming	Gurobi, OR-Tools	parallel machine, SCC	tardiness, earliness, make-span, distributed, job-shop, due-date, open-shop, transportation, precedence, setup-time	noOverlap	steel industry	scheduling, machine, job, order	12	882
KinsellaS0OS16 [477]	6		energy-price, pipeline	real-life, real-world	constraint programming, CP	SCIP		inventory, re-scheduling, periodic	cycle		scheduling, order, task	130	n/a
KlankeBYE21 [479]	16			real-life, random instance, benchmark	CP, propagation, constraint logic programming, constraint programming	OR-Tools, Cplex, CHIP, Gurobi		make-span, completion-time, producer/consumer, re-scheduling, due-date, job-shop, batch process	circuit, cumulative, noOverlap, disjunctive	processing industry, food-processing industry	order, machine, job, activity, scheduling, resource, task	48	914
KletzanderM17 [480]	15	genetic algorithm, neural network, simulated annealing, meta heuristic	torpedo		CP		parallel machine	transportation		steel industry	scheduling, machine, resource, order	111	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KletzanderM20 [481]	10	genetic algorithm, GRASP, time-tabling, simulated annealing, column generation, meta heuristic	crew-scheduling	real-world, generated instance, benchmark, instance generator, real-life	CP			bi-objective, transportation, multi-objective			scheduling, resource, order	58	n/a
KletzanderMH21 [482]	9	GRASP, simulated annealing, meta heuristic, time-tabling, column generation, genetic algorithm	crew-scheduling	real-life, real-world, benchmark	CSP, CP	Cplex		Pareto, multi-objective, transportation, bi-objective			scheduling, order, resource	49	n/a
KorbaaYG99 [487]	8		robot, hoist		constraint logic programming, constraint satisfaction, propagation, constraint programming, CSP	Ilog Solver, OZ, CHIP		make-span, periodic, job-shop, flow-shop, cyclic scheduling, transportation	cycle, circuit		scheduling, resource, job, task, machine, order	386	n/a
KoschB14 [489]	16	meta heuristic, column generation	semiconductor	benchmark	CP, constraint programming, propagation	Choco Solver, Cplex	RCPSP, single machine	job-shop, Logic-Based Benders Decomposition, explanation, batch process, due-date, make-span, distributed, lateness, release-date, multi-agent, cmax, Benders Decomposition, completion-time, Infeasible	cumulative, disjunctive, bin-packing		order, machine, job, resource, scheduling	173	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KotaryFH22 [490]	8	deep learning, neural network, machine learning, Lagrangian relaxation	pipeline	github, benchmark	constraint programming, CP, constraint satisfaction	Z3		job-shop, precedence, stochastic, make-span, Infeasible	Disjunctive constraint, disjunctive, cycle		order, job, scheduling, task, machine, resource	26	895
KovacsB07 [491]	15	column generation		benchmark	propagation, constraint programming, CP	Ilog Solver	single machine, parallel machine	preempt, release-date, single-machine scheduling, make-span, preemptive, due-date, flow-shop, tardiness, earliness, completion-time, job-shop	cumulative, Completion constraint		order, activity, scheduling, job, machine, resource	276	n/a
KovacsEKV05 [494]	1			real-life	CP, constraint programming		Resource-constrained Project Scheduling Problem	setup-time, precedence, job-shop			scheduling, resource, job	310	n/a
KovacsTKSG21 [498]	17	neural network, meta heuristic, reinforcement learning, machine learning		github, real-world, supplementary material, benchmark	propagation, CP, constraint optimization, constraint programming	OR-Tools, Cplex, Gurobi	RCPSP, single machine	precedence, job-shop, tardiness, planned maintenance, due-date, flow-shop, re-scheduling, unavailability, breakdown, preempt, inventory, distributed, preemptive, release-date	cumulative		scheduling, machine, job, order, resource, task	50	915
KovacsV04 [496]	15	edge-finding		industrial partner, benchmark, real-life	constraint satisfaction, propagation, constraint programming, CSP, CP	Ilog Scheduler	single machine, Resource-constrained Project Scheduling Problem	make-span, precedence, job-shop, Infeasible	disjunctive, cumulative		scheduling, task, job, machine, resource, order	332	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KovacsV06 [497]	13		automotive	generated instance, industrial partner, benchmark	propagation, constraint programming, CP	Ilog Scheduler	single machine, RCPSP	setup-time, make-span, precedence, tardiness, earliness, job-shop	cumulative	energy industry	scheduling, task, job, machine, resource, order	288	n/a
KreterSS15 [499]	17	lazy clause generation		benchmark	propagation, CP	MiniZinc, Chuffed, Cplex, CHIP	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	unavailability, make-span, periodic, preempt, preemptive, explanation, completion-time, Infeasible	cumulative, Calendar constraint, diffn, Element constraint		order, scheduling, task, machine, resource, activity	148	n/a
KrogtLPHJ07 [860]	13		semiconductor, aircraft	real-world	constraint programming, CP, constraint logic programming	OPL		due-date, job-shop, inventory, precedence	circuit	semiconductor industry	resource, job, activity, order, machine, scheduling	277	n/a
KucukY19 [507]	5	ant colony, time-tabling, genetic algorithm, column generation, simulated annealing, large neighborhood search, meta heuristic	earth observation, satellite	benchmark, generated instance	constraint programming, propagation, CP	Cplex		multi-objective, stochastic, setup-time, distributed, sequence dependent setup	disjunctive, noOverlap, cycle		task, resource, order, scheduling	74	n/a
Kumar03 [505]	15	max-flow, bi-partite matching			CP			producer/consumer	cycle		order, scheduling, activity, resource	346	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KusterJF07 [506]	6	genetic algorithm	airport, aircraft	benchmark, generated instance	constraint programming, propagation, CP		RCPSP, Resource-constrained Project Scheduling Problem	re-scheduling, reactive scheduling, make-span, tardiness, earliness, job-shop, due-date, explanation, precedence, open-shop, Over-constrained			job, scheduling, resource, activity, order	278	n/a
Laborie05 [509]	6	edge-finding, time-tabling, ant colony, meta heuristic		Roadef, benchmark	CP, propagation, constraint programming, constraint satisfaction		RCPSP, Resource-constrained Project Scheduling Problem, psplib	explanation, precedence, cmax, re-scheduling, job-shop, open-shop, make-span	cumulative, disjunctive, Balance constraint		job, machine, resource, order, activity, scheduling	311	n/a
Laborie09 [510]	15	genetic algorithm, large neighborhood search	satellite, aircraft	benchmark, real-world	CP, propagation, constraint programming	CPO, OPL		sequence dependent setup, due-date, preempt, precedence, tardiness, earliness, preemptive, inventory, job-shop, setup-time, breakdown, release-date, Over-constrained	noOverlap, cumulative, disjunctive, endBeforeStart, alternative constraint		task, job, machine, resource, order, activity, scheduling	243	n/a
Laborie18a [511]	9	large neighborhood search, energetic reasoning		real-life, benchmark, real-world	constraint programming, COP, propagation, CP	Ilog Scheduler, OPL, CPO		release-date, Logic-Based Benders Decomposition, due-date, precedence, Benders Decomposition	cumulative, alternative constraint		job, scheduling, task, machine, resource	94	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LacknerMMWW21 [514]	18	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm	semiconductor, oven scheduling	random instance, supplementary material, benchmark, instance generator, real-life, industrial partner	CP, constraint programming	Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	single machine, parallel machine, OSP	flow-shop, lateness, batch process, release-date, tardiness, earliness, setup-time, due-date, make-span	cumulative, endBeforeStart, noOverlap, Element constraint	manufacturing industry, electronics industry, steel industry	scheduling, machine, job, order, task	51	916
LahimerLH11 [516]	14	energetic reasoning, ant colony, genetic algorithm, memetic algorithm		benchmark	CP, propagation, constraint programming	Ilog Scheduler	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP	completion-time, preempt, cmax, explanation, precedence, make-span, preemptive	Disjunctive constraint, disjunctive		machine, job, scheduling, resource, task, order	217	n/a
LarsonJC14 [519]	15	time-tabling	sports scheduling, tournament, round-robin, travelling tournament problem	benchmark, random instance	constraint logic programming, propagation, CP, constraint programming, CSP	MiniZinc, Gecode			AllDiff constraint, cumulative, Cardinality constraint, Regular constraint, regular expression, alldifferent		order, scheduling, machine	174	n/a
LauLN08 [520]	5	Lagrangian relaxation		real-world, benchmark	CP			job-shop, transportation, distributed, inventory, flow-shop			job, order, scheduling, resource, machine	262	n/a
LeeKLKKYHP97 [523]	6		robot	real-world	CP	OPL		make-span, due-date, breakdown, manpower, precedence	cycle		activity, job, order, resource, task, scheduling	402	n/a
LetortBC12 [526]	16	meta heuristic, sweep, edge-finding	datacenter	benchmark, random instance, Roadef	constraint programming, CP, CLP, propagation	Choco Solver, CHIP, SICStus	psplib	precedence, make-span	cumulative, geost, Cumulatives constraint, bin-packing		order, scheduling, task, machine, resource	199	n/a
LetortCB13 [527]	16	energetic reasoning, meta heuristic, sweep, edge-finding		benchmark, random instance, Roadef	constraint programming, CP, propagation	Choco Solver, SICStus	psplib, RCPSP	precedence, make-span	Disjunctive constraint, cumulative, disjunctive, bin-packing		order, scheduling, task, machine, resource	185	957

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LiFJZLL22 [531]	6	machine learning, genetic algorithm, memetic algorithm, meta heuristic	robot	benchmark	constraint programming, CP	OPL	single machine	tardiness, flow-time, batch process, flow-shop, stochastic, completion-time, multi-objective, buffer-capacity, blocking constraint, distributed, job-shop, transportation, setup-time, no-wait, make-span, Infeasible	Blocking constraint		task, machine, order, job, scheduling	27	896
LiLZDZW24 [530]	9	neural network, reinforcement learning, NEH, meta heuristic, machine learning, deep learning		benchmark, github, real-life	CP, constraint programming			distributed, transportation, make-span, flow-shop			machine, order, scheduling, task, job	3	874
LimAHO02a [533]	2	genetic algorithm, time-tabling		real-life	CSP, constraint satisfaction			re-scheduling, stochastic, Infeasible			scheduling, task, order	362	n/a
LimBTBB15 [537]	15	meta heuristic, time-tabling, large neighborhood search, MINLP	meeting scheduling, HVAC	benchmark	constraint programming, CP	OPL		tardiness, earliness, multi-agent, re-scheduling, stochastic, job-shop, Infeasible			scheduling, machine, order, job	149	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LimBTBB15a [536]	8	meta heuristic, MINLP, time-tabling	meeting scheduling, HVAC		constraint programming, CP	OPL, Z3, Gurobi		online scheduling, distributed, energy efficiency, stochastic, multi-objective, re-scheduling, multi-agent, Over-constrained			order, scheduling	150	n/a
LimHTB16 [535]	18	large neighborhood search, meta heuristic	HVAC, meeting scheduling, energy-price, real-time pricing	real-world	constraint programming, constraint satisfaction, CP	OPL		online scheduling, multi-agent, stochastic, distributed, re-scheduling, Infeasible	cumulative		machine, activity, order, scheduling	131	n/a
LimRX04 [534]	5	simulated annealing	container terminal	generated instance	CP, constraint programming			preempt, completion-time, transportation, preemptive, stochastic			scheduling, machine, job, order	333	n/a
Limtanyakul07 [538]	6	energetic reasoning	robot	real-life	CP, propagation, constraint programming	OPL		make-span, due-date, precedence, release-date, Infeasible	cumulative	automobile industry	task, scheduling, machine, resource, job, order	279	n/a
LipovetzkyBPS14 [540]	9		crew-scheduling	real-world, industrial partner, industry partner, benchmark, generated instance, real-life	CP, constraint programming	Cplex		precedence, transportation, make-span, Benders Decomposition, breakdown, Infeasible	disjunctive		scheduling, resource, task, order	175	n/a
LiuCGM17 [546]	17	simulated annealing, column generation		github	constraint programming, constraint satisfaction, constraint optimization, propagation, CSP, CP, COP	OR-Tools, OPL, MiniZinc		transportation, cmax, explanation	Element constraint	tourism industry	order, scheduling, machine, task, activity	112	941

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LiuJ06 [547]	5				propagation			make-span, multi-objective	disjunctive, Disjunctive constraint, cycle		task, order, resource, scheduling	289	n/a
LiuLH18 [541]	16	time-tabling	round-robin, tournament, travelling tournament problem, sports scheduling	CSPlib, real-world	CSP, constraint satisfaction, constraint optimization, CP, constraint programming	Choco Solver	OSP		Element constraint, table constraint		task, activity, order, scheduling	95	n/a
LiuLH19 [543]	9	time-tabling, meta heuristic	tournament	benchmark, CSPlib	CSP, propagation, constraint satisfaction, constraint optimization, CP, constraint programming	Choco Solver			Channeling constraint		resource, order, scheduling	75	n/a
LiuLH19a [542]	11	meta heuristic	steel mill, tournament, sports scheduling	CSPlib, benchmark	CSP, CP, constraint programming, constraint satisfaction, propagation	Choco Solver		distributed, precedence	Reified constraint, alldifferent, table constraint, Arithmetic constraint		order, scheduling, task	76	n/a
LombardiBM15 [549]	16	large neighborhood search		benchmark, real-world	constraint programming, CSP, CP		JSSP, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP, psplib	stochastic, job-shop, completion-time, precedence, make-span, distributed			order, resource, task, scheduling, machine, activity, job	151	n/a
LombardiBMB11 [550]	17		hoist	benchmark, real-life, industrial instance	propagation, CSP, CP		RCPSP	stochastic, periodic, completion-time, cyclic scheduling, make-span, precedence, Infeasible	cycle, cumulative		order, resource, task, activity, scheduling, machine	218	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LombardiM09 [551]	15			real-world, instance generator	CP, propagation	Ilog Solver	Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span, preempt, preemptive, completion-time, stochastic, Infeasible	Balance constraint		order, activity, scheduling, resource, task	244	n/a
LombardiM10 [553]	15			real-world, benchmark	CP, propagation, CSP	Ilog Solver	Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span, completion-time, stochastic, Infeasible	cumulative, Disjunctive constraint, disjunctive		order, activity, scheduling, resource, task	232	n/a
LombardiM13 [556]	2				CP, propagation, CSP		psplib, Resource-constrained Project Scheduling Problem, RCPSP	precedence, make-span			order, activity, scheduling, resource, task	186	n/a
LouieVNB14 [562]	7		patient, robot			OPL		periodic	cycle		resource, activity, order, job, scheduling, task, machine	176	n/a
LozanoCDS12 [563]	17	sweep	pipeline, rectangle-packing	benchmark	constraint programming, COP, CP, propagation	CHIP, OPL, Gecode		distributed, precedence, Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	cumulative, cycle		machine, scheduling, resource, task, order	200	n/a
LudwigKRBMS14 [566]	6	sweep	automotive, robot	real-world	propagation	OZ		precedence, transportation, periodic	cycle		task, scheduling, resource, order	177	n/a
LuoB22 [570]	17		supercomputer, rectangle-packing, railway	real-life, industry partner, real-world, generated instance, github, industrial instance	constraint programming, constraint satisfaction, constraint logic programming, CP, CSP	Cplex, CHIP		re-scheduling, Benders Decomposition, batch process, job-shop, Infeasible	AlwaysConstant, diffn, Element constraint, cumulative, bin-packing, alwaysIn	forging industry, metal industry	scheduling, job, machine, order, resource	28	897

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LuoVLBM16 [569]	4	time-tabling	nurse					job-shop, explanation, precedence			resource, order, activity, scheduling, task, job, machine	132	n/a
Madi-WambaB16 [573]	16			real-world, random instance, generated instance, benchmark	CP, CLP, constraint satisfaction, constraint programming, propagation	CHIP, Choco Solver		explanation, sustainability, precedence	TaskIntersection constraint, cumulative		task, scheduling, resource, job, order	133	n/a
Madi-WambaLOBM17 [574]	8	sweep	datacenter	real-world	constraint satisfaction, CSP, CP, propagation, constraint programming	SICStus		precedence, distributed, re-scheduling	Cumulatives constraint, Element constraint, bin-packing, cumulative		scheduling, order, job, machine, task, activity, resource	113	n/a
Maillard15 [576]	2		earth observation, satellite, telescope	real-world	CP		RCPSP	job-shop			resource, activity, job, scheduling	152	n/a
MakMS10 [577]	5	genetic algorithm			propagation, constraint satisfaction, CP, constraint programming, CSP			due-date, transportation, inventory, precedence	cycle		job, scheduling, task, resource, order, machine, activity	233	n/a
MalapertCGJLR13 [580]	2	meta heuristic, genetic algorithm, ant colony, particle swarm		benchmark, real-life	constraint programming, propagation, CSP, constraint satisfaction, CP	Choco Solver	single machine, Open Shop Scheduling Problem	flow-shop, cmax, open-shop, precedence, preemptive, make-span, preempt, job-shop	disjunctive, cumulative		order, machine, scheduling, resource, task, job	187	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MalapertN19 [582]	17		semiconductor	generated instance, industrial instance, benchmark, Roadef	constraint programming, COP, CP	Cplex, CPO	PMSP, PTC, parallel machine, single machine	bi-objective, sequence dependent setup, breakdown, cmax, flow-time, make-span, completion-time, setup-time, single-machine scheduling	cumulative, noOverlap, alternative constraint, alwaysIn		order, machine, scheduling, resource, job, task	77	n/a
MaraveliasG04 [586]	20					OZ						334	n/a
Mehdizadeh-Somarin23 [592]	14	simulated annealing, machine learning, reinforcement learning, genetic algorithm, meta heuristic	COVID, robot	random instance	CP, constraint programming	Cplex	parallel machine, JSSP, single machine	make-span, preempt, unavailability, completion-time, reactive scheduling, bi-objective, setup-time, stochastic, job-shop, re-scheduling, flow-shop, periodic, multi-agent, tardiness, preemptive, cmax, precedence, sustainability, online scheduling, single-machine scheduling			scheduling, job, order, machine, task	13	883
MelgarejoLS15 [16]	17	ant colony, simulated annealing, meta heuristic, large neighborhood search		real-world, benchmark	constraint programming, propagation, CP	Cplex	single machine	setup-time, one-machine scheduling, tardiness, precedence, transportation, Infeasible	Disjunctive constraint, table constraint, alldifferent, noOverlap, circuit, disjunctive		scheduling, machine, order, resource, job, task	153	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Mercier-AubinGQ20 [602]	13	large neighborhood search, genetic algorithm, lazy clause generation		industrial partner, industrial instance	CSP, constraint programming, constraint satisfaction, CP	OPL, MiniZinc	RCPSP	Logic-Based Benders Decomposition, sequence dependent setup, tardiness, due-date, setup-time, earliness, Benders Decomposition, make-span, preemptive, precedence, completion-time, preempt, job-shop	circuit, cumulative, disjunctive, cycle	manufacturing industry, textile industry	order, job, machine, activity, task, scheduling, resource	59	922
MeskensDHG11 [603]	10		surgery, medical, nurse, operating room, patient	real-life	constraint satisfaction, CP, constraint programming, CSP	Cplex, Choco Solver		cmax, completion-time, make-span, re-scheduling, multi-objective, manpower			scheduling, order, resource	219	n/a
MeyerE04 [605]	12	reinforcement learning, ant colony, time-tabling, genetic algorithm, meta heuristic		real-world, benchmark	CLP, propagation, constraint programming, CP	SICStus	single machine	cmax, due-date, tardiness, release-date, transportation, stochastic, inventory, setup-time, make-span, Infeasible			order, scheduling, job, task, machine	335	n/a
MintonJPL90 [610]	8	neural network, simulated annealing, machine learning	robot, astronomy, telescope	benchmark, real-world	CSP, constraint satisfaction			re-scheduling, explanation, stochastic	cycle		resource, task, order, machine, scheduling	439	n/a
MoffittPP05 [612]	6		meeting scheduling		CSP, CLP, propagation, constraint satisfaction		Temporal Constraint Satisfaction Problem	cmax, make-span	cycle, disjunctive		order, machine, scheduling, resource, activity	313	n/a

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

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MouraSCL08a [620]	8	genetic algorithm, MINLP, meta heuristic	pipeline	benchmark, real-world	constraint satisfaction, constraint programming, CLP, CP, propagation	Ilog Scheduler, Ilog Solver		transportation, inventory, reactive scheduling, re-scheduling, due-date, distributed, Infeasible, Over-constrained	disjunctive, Channeling constraint, cumulative		scheduling, resource, order	264	n/a
MurinR19 [623]	16	large neighborhood search, genetic algorithm, meta heuristic	robot, patient	github, benchmark, real-life	constraint programming, propagation, CP	Cplex, OPL	JSPT	transportation, Benders Decomposition, completion-time, setup-time, job-shop, Logic-Based Benders Decomposition, make-span, precedence	alternative constraint, noOverlap, endBeforeStart		scheduling, task, activity, resource, order, machine, job	78	934
MurphyMB15 [625]	17		meeting scheduling	real-world	constraint programming, constraint optimization, constraint satisfaction, CP	Choco Solver		stochastic, re-scheduling, periodic, Over-constrained	cycle, circuit, Disjunctive constraint, cumulative, disjunctive		activity, order, scheduling, task, machine, resource	154	n/a
MurphyRFSS97 [624]	10	genetic algorithm	train schedule		constraint satisfaction			inventory, due-date	bin-packing, cycle		scheduling, machine, activity, order, resource, task	404	n/a
Muscettola02 [628]	16	max-flow, edge-finding			CP, propagation			job-shop, cmax, stochastic, precedence	cycle, Balance constraint		activity, job, order, resource, scheduling	363	n/a
Muscettola94 [627]	6		robot	benchmark	constraint satisfaction, CP, propagation	OPL		due-date, job-shop, stochastic, precedence	cycle		activity, job, order, resource, scheduling	425	n/a
Musliu05 [629]	2	meta heuristic	workforce scheduling	real-life, benchmark	constraint satisfaction						machine, scheduling	314	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MusliuSS18 [630]	17	column generation	operating room, nurse, workforce scheduling	generated instance, benchmark, real-life	propagation, CP, constraint programming	Gurobi, Gecode, MiniZinc		distributed, cyclic scheduling, manpower, Infeasible	Regular constraint, cycle, Cardinality constraint		activity, order, scheduling, task, machine	96	n/a
NattafM20 [645]	16		semiconductor	industrial instance, benchmark	constraint programming, COP, CP, propagation	CPO, Cplex	PTC, single machine, PMSP, parallel machine	completion-time, bi-objective, setup-time, make-span, flow-time, Infeasible	noOverlap, cumulative		order, resource, job, scheduling, machine	60	923
NishikawaSTT18 [648]	6	genetic algorithm	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex		precedence, make-span, distributed	alternative constraint, endBeforeStart		scheduling, activity, order, resource, task	97	n/a
NishikawaSTT18a [649]	6	genetic algorithm	robot, nurse, pipeline	benchmark, real-life, real-world	CP, constraint programming, propagation	Cplex		make-span, distributed, re-scheduling, precedence	endBeforeStart, alternative constraint		scheduling, resource, task, order, activity	98	n/a
NuijtenA94 [658]	5	time-tabling			constraint satisfaction, propagation, CP, CSP, CLP	Ilog Solver, CPO	JSSP	preempt, make-span, preemptive, job-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	426	n/a
OddiPCC03 [662]	15	meta heuristic	earth observation, satellite	benchmark	constraint satisfaction, CSP, CP, propagation, constraint programming		single machine	distributed, preempt, single-machine scheduling, precedence, completion-time, periodic	cycle		resource, scheduling, task, machine, order, activity	347	n/a
OddiRC10 [664]	2			benchmark	propagation, constraint satisfaction, CSP, CP		Resource-constrained Project Scheduling Problem, RCPSP	precedence, completion-time, make-span, Infeasible	disjunctive		resource, order, scheduling, activity	234	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
OddiRCS11 [665]	6	large neighborhood search, ant colony, genetic algorithm, meta heuristic	robot	benchmark	CSP, CP, propagation		JSSP, FJS	make-span, cmax, no preempt, completion-time, job-shop, preempt, setup-time, precedence, Infeasible	cumulative, cycle, Disjunctive constraint, disjunctive		task, machine, order, activity, resource, job, scheduling	220	n/a
OddiS97 [666]	7		robot		CSP, CP			make-span, precedence, job-shop, release-date, stochastic, due-date	cycle		resource, activity, job, order, scheduling	406	n/a
OuelletQ13 [671]	16	sweep, edge-finding, not-last, edge-finder, energetic reasoning, time-tabling, not-first		benchmark	propagation, CP, constraint programming	Choco Solver	RCPSP, Resource-constrained Project Scheduling Problem, CuSP, psplib	make-span, preempt, preemptive, completion-time, precedence	Cumulatives constraint, cumulative, disjunctive		scheduling, task, resource, order	188	n/a
OuelletQ18 [672]	18	edge-finding, not-last, energetic reasoning, time-tabling, not-first		benchmark, Roadef	propagation, CP	Choco Solver	RCPSP, psplib	make-span, explanation, completion-time, precedence	Cumulatives constraint, cumulative, disjunctive		scheduling, task, resource, order	99	n/a
OuelletQ22 [673]	17	sweep, edge-finding, not-last, lazy clause generation, energetic reasoning, time-tabling, not-first	nurse	github, benchmark, random instance	propagation, CP, constraint programming	MiniZinc, Choco Solver		preempt, completion-time, Unsatisfiable	GCC constraint, Cardinality constraint, Cumulatives constraint, cumulative, disjunctive, SoftCumulative		scheduling, task, resource, activity, order	29	898

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
OujanaAYB22 [674]	6	meta heuristic, genetic algorithm, particle swarm	robot, COVID	real-world, real-life, industrial instance, benchmark	CP, propagation, constraint programming	CPO, OPL	HFF, PMSP, parallel machine, FJS	tardiness, make to order, buffer-capacity, sequence dependent setup, open-shop, distributed, due-date, job-shop, setup-time, precedence, flow-shop, batch process, multi-objective, make-span, completion-time, preempt	span constraint, noOverlap, disjunctive	steel industry, food industry	order, job, scheduling, resource, task, machine	30	899
PachecoPR19 [679]	7	large neighborhood search, reinforcement learning	robot	benchmark, generated instance	CSP, constraint programming, CP, propagation, constraint satisfaction	Claire	SCC	breakdown, explanation, due-date, job-shop, precedence, release-date, make-span, setup-time, Benders Decomposition, Logic-Based Benders Decomposition, sequence dependent setup	cumulative, disjunctive		job, scheduling, resource, task, activity, order	79	n/a
PacinoH11 [680]	6	large neighborhood search, genetic algorithm, not-first, not-last	robot	benchmark	CP, constraint programming			job-shop, open-shop, completion-time, precedence, make-span	cumulative, disjunctive		machine, resource, order, activity, scheduling, job	221	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PapeB97 [684]	20	edge-finder, energetic reasoning, edge-finding		benchmark, real-life	constraint satisfaction, CP, CLP, constraint programming, propagation	Ilog Solver, CHIP, Claire, OPL		precedence, cmax, job-shop, due-date, preempt, make-span, preemptive	Cardinality constraint, disjunctive, cumulative		task, resource, job, order, scheduling, machine, activity	407	n/a
ParkUJR19 [686]	8	meta heuristic		real-world	CP, constraint programming		parallel machine, single machine	tardiness, completion-time, cmax, lateness, stochastic, no preempt, distributed, job-shop, open-shop, preempt, make-span, flow-time, due-date, flow-shop	endBeforeStart, noOverlap, cycle	trade industry	machine, resource, order, scheduling, task, job	80	n/a
PembertonG98 [687]	14		robot, telescope, satellite		propagation, constraint satisfaction, CSP	Ilog Solver, OPL		preemptive, periodic, preempt, stochastic, job-shop, Over-constrained	geost, cycle		scheduling, machine, activity, job, order, resource, task	392	n/a
PerezGSL23 [690]	7	large neighborhood search, mat heuristic, meta heuristic	container terminal, nurse, operating room, steel mill	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, transportation, re-scheduling, make-span, completion-time	table constraint, cumulative		order, scheduling, task, machine, resource, activity	14	884
Perron05 [692]	5	large neighborhood search	sports scheduling, round-robin, tournament		CP, CSP, CLP, constraint programming, propagation				Channeling constraint, table constraint, Cardinality constraint		order, scheduling	316	n/a
PerronSF04 [693]	14	evolutionary computing, large neighborhood search, reinforcement learning			constraint programming, CSP, constraint satisfaction, propagation, COP, CP	Cplex	RCPSP	tardiness, job-shop, earliness			resource, job, order, scheduling	336	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PesantRR15 [695]	16	lazy clause generation	meeting scheduling		constraint programming, CP, constraint satisfaction	Ilog Solver, Gecode, Gurobi		transportation	table constraint, cumulative, Cardinality constraint, Regular constraint		activity, order, scheduling	155	n/a
PoderB08 [701]	8	sweep			propagation, CP	CHIP		release-date, due-date, preemptive, preempt, producer/consumer	cumulative		resource, order, scheduling, task, activity	265	n/a
PolicellaWSO05 [704]	6		robot	real-world, benchmark	constraint programming, CP, propagation	Cplex	psplib, Partial Order Schedule	preempt, due-date, preemptive, precedence, release-date, producer/consumer, distributed, Infeasible, Over-constrained	cumulative		resource, activity, scheduling, order	317	n/a
PopovicCGNC22 [706]	15	machine learning	pipeline, maintenance scheduling		CP, constraint programming	SICStus, Cplex, CHIP	TMS	completion-time, stochastic, make-span, sustainability, bi-objective, transportation, periodic	cumulative, noOverlap, alwaysIn, Balance constraint	electricity industry	order, task, activity, scheduling, machine, resource	31	900
PovedaAA23 [708]	21	simulated annealing, lazy clause generation, meta heuristic, genetic algorithm, large neighborhood search, GRASP	aircraft, automotive	industrial instance, real-world, github, benchmark, real-life	propagation, CP, constraint programming	Cplex, CPO, MiniZinc, Chuffed	RCPSP, Resource-constrained Project Scheduling Problem	unavailability, make-span, preemptive, job-shop, precedence, Benders Decomposition, release-date, preempt, Infeasible	Calendar constraint, cumulative, disjunctive		resource, activity, job, task, order, scheduling	15	885

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Pralet17 [709]	19	genetic algorithm, meta heuristic, large neighborhood search	satellite	benchmark	CP, constraint programming, constraint satisfaction	CPO, Cplex, CHIP	JSSP, psplib, Resource-constrained Project Scheduling Problem, RCPSP	setup-time, job-shop, precedence, due-date, make-span, sequence dependent setup	cycle, cumulative, disjunctive		activity, resource, order, machine, job, scheduling	115	n/a
PraletLJ15 [710]	16	large neighborhood search	earth observation, satellite		constraint programming, propagation, CP	CPO, Cplex	JSSP	job-shop, precedence, make-span, due-date, tardiness	alternative constraint, Regular constraint, noOverlap, cycle		activity, order, job, scheduling, task, resource	156	n/a
Prosser89 [713]	6		robot	real-world	CSP, constraint satisfaction		TMS	precedence, reactive scheduling, due-date, re-scheduling, stochastic, distributed, breakdown, Over-constrained	bin-packing		scheduling, machine, order, task, resource, job	442	n/a
Puget95 [714]	4		airport, maintenance scheduling	benchmark	CSP, propagation, CP, CLP, constraint programming	OPL		transportation, manpower, job-shop, explanation	disjunctive		task, activity, resource, job, order, scheduling	418	n/a
QuSN06 [720]	4				CSP, constraint programming, CP	SICStus		precedence, distributed	circuit		scheduling, task, resource	290	n/a
QuirogaZH05 [721]	6		robot		constraint programming, CP, propagation, constraint satisfaction	Ilog Solver, ECLiPSe, Ilog Scheduler, OPL		breakdown, tardiness, due-date, inventory, flow-time, release-date, completion-time, earliness, precedence, flow-shop, multi-objective, make-span, Infeasible			machine, scheduling, resource, activity, task, order	318	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
RasmussenT06 [724]	15	column generation, time-tabling	sports scheduling, travelling tournament problem, tournament, round-robin	benchmark, generated instance	CP, constraint logic programming, constraint programming	Cplex, OPL		explanation, distributed, Infeasible			scheduling, order	291	n/a
Refalo00 [728]	15	quadratic programming	hoist		constraint programming, constraint satisfaction, propagation, CP, CLP	CHIP, Ilog Solver, Cplex		transportation	Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit		order	375	n/a
RenT09 [729]	5		pipeline	real-world	CP, CLP, constraint programming, constraint logic programming	Cplex, Ilog Scheduler		due-date, explanation, setup-time, batch process, job-shop, Infeasible			scheduling, job, machine, order	246	n/a
RendlPHPR12 [730]	17	genetic algorithm, simulated annealing, memetic algorithm, large neighborhood search, meta heuristic	nurse, tournament, medical, patient	benchmark, real-world, CSPlib	CSP, constraint programming, COP, CP, propagation			transportation, periodic, rescheduling			job, scheduling, machine, order	201	n/a
RiahiNS018 [731]	9	NEH, memetic algorithm, ant colony, GRASP, genetic algorithm, simulated annealing, meta heuristic	high performance computing	real-life, benchmark, real-world	CP			no-wait, flow-shop, completion-time, setup-time, make-span, tardiness, buffer-capacity, sequence dependent setup, blocking constraint, distributed	Blocking constraint	cutting industry, painting industry	order, job, scheduling, machine	100	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Rit86 [734]	6				propagation			precedence, job-shop	Disjunctive constraint, disjunctive		activity, scheduling, resource, job, order, task	444	n/a
RodosekW98 [736]	15		electroplating, hoist	benchmark	constraint satisfaction, propagation, constraint logic programming, CP, constraint programming, CLP	OPL, ECLiPSe, Cplex, CHIP		make-span, transportation, cyclic scheduling	disjunctive, cycle, circuit, Disjunctive constraint		order, scheduling, task, machine, resource, activity, job	393	n/a
Rodriguez07b [739]	14	edge-finding	train schedule, railway		CP, CSP, constraint programming, propagation	Ilog Scheduler, Z3, Ilog Solver		re-scheduling, blocking constraint, no-wait, job-shop, release-date, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint	railway industry	order, resource, task, scheduling, activity, job	281	n/a
RodriguezS09 [741]	14	edge-finding	train schedule, railway		CSP, constraint programming, propagation, constraint satisfaction, CP	Ilog Scheduler, Ilog Solver		blocking constraint, Benders Decomposition, no-wait, Logic-Based Benders Decomposition, job-shop, completion-time, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint		order, resource, task, scheduling, activity, job	247	n/a
RossiTHP07 [747]	15				CP, constraint programming	Choco Solver, OPL		stochastic, inventory, periodic, distributed, stock level	cumulative, cycle		order, scheduling, resource	282	n/a
RoweJCA96 [748]	9		business process	real-world, benchmark	CP, propagation			distributed, stock level, periodic	cycle	manufacturing industry	task, resource, job, scheduling, machine, order, activity	412	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Sadykov04 [754]	7	edge-finding, column generation, genetic algorithm			CLP, CP, propagation, constraint programming		parallel machine, single machine	completion-time, lateness, one-machine scheduling, release-date, due-date, preempt, precedence, Infeasible	disjunctive		machine, scheduling, task, job	337	n/a
Schaerf97 [760]	6	time-tabling	round-robin, tournament, high school timetabling	real-life	constraint logic programming, propagation, constraint satisfaction			re-scheduling, Infeasible			order, activity, scheduling	408	n/a
SchausD08 [761]	6	large neighborhood search		real-life, benchmark	CSP, CP, propagation, constraint programming	Ilog Solver, OPL		preempt, precedence, preemptive	IloPack, bin-packing, cycle, Reified constraint, Element constraint		order, task	266	n/a
SchuttCSW12 [768]	17	lazy clause generation		benchmark	CP, propagation, constraint programming	CHIP	Resource-constrained Project Scheduling Problem	preempt, explanation, net present value, precedence, make-span, preemptive, Infeasible	cumulative		order, scheduling, resource, activity	202	n/a
SchuttFS13 [770]	17	lazy clause generation, energetic reasoning, time-tabling, large neighborhood search		benchmark	CLP, constraint satisfaction, constraint programming, propagation, CP	MiniZinc	FJS, RCPSP	make-span, net present value, job-shop, explanation, completion-time, precedence	disjunctive, Disjunctive constraint, span constraint, alternative constraint, cumulative		job, scheduling, task, machine, resource, activity, order	189	n/a
SchuttFS13a [769]	17	not-last, lazy clause generation, energetic reasoning, edge-finding		benchmark	CSP, constraint programming, CLP, CP, propagation, constraint satisfaction	SCIP, CHIP	psplib, Resource-constrained Project Scheduling Problem, RCPSP	explanation, precedence, make-span, preemptive, completion-time, preempt, Infeasible	disjunctive, circuit, cumulative		scheduling, resource, task, activity, machine, order	190	958

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SchuttFSW09 [771]	16	lazy clause generation, edge-finder		benchmark, real-world	CSP, constraint programming, CP, propagation	ECLiPSe, CHIP, SICStus	psplib, Resource-constrained Project Scheduling Problem	explanation, precedence, make-span, preemptive, preempt, periodic, open-shop	Disjunctive constraint, disjunctive, cumulative		scheduling, resource, task, activity, machine, order, job	248	n/a
SchuttS16 [776]	17	lazy clause generation		benchmark	constraint satisfaction, propagation, constraint programming, CP	Chuffed, MiniZinc, OPL, Ilog Scheduler	RCPSP, Resource-constrained Project Scheduling Problem	preempt, manpower, make-span, producer/consumer, preemptive, net present value, explanation, precedence, inventory, Infeasible	Cumulatives constraint, cumulative, Balance constraint		order, activity, scheduling, machine, resource	134	n/a
SchuttW10 [777]	15	edge-finding, lazy clause generation, not-first, not-last	rectangle-packing	benchmark	propagation, constraint programming, CP	CHIP	CuSP, RCPSP, psplib	preempt, release-date, make-span, preemptive, due-date, explanation, Infeasible	disjunctive, Disjunctive constraint, cumulative		order, activity, scheduling, task, resource	235	n/a
SchuttWS05 [778]	15	not-last		benchmark	constraint programming, CP	CHIP, OPL		preemptive, due-date, release-date, preempt, Infeasible	cumulative, disjunctive		order, scheduling, task, machine, resource	319	n/a
SenderovichBB19 [779]	9	meta heuristic	nurse, robot, business process, medical, patient	github, benchmark, real-world	constraint programming, constraint satisfaction, CP	Cplex		cmax, precedence, preemptive, completion-time, preempt, stochastic, job-shop, make-span, Infeasible	endBeforeStart, cumulative		resource, order, job, scheduling, activity, machine, task	81	935

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SerraNM12 [780]	17	GRASP, meta heuristic		benchmark, real-world	CP, propagation, constraint programming, constraint satisfaction, COP	Cplex, OPL		preempt, explanation, precedence, preemptive, unavailability, inventory, release-date, Over-constrained	cumulative, alwaysIn, cycle		machine, resource, order, activity, scheduling	203	n/a
SialaAH15 [787]	10	large neighborhood search, edge-finding, lazy clause generation, conflict-driven clause learning		github, benchmark	CP, constraint programming, constraint satisfaction, propagation	Mistral	RCPSP, Resource-constrained Project Scheduling Problem, JSSP	cmax, job-shop, open-shop, setup-time, make-span, explanation, precedence, tardiness, earliness	disjunctive, Disjunctive constraint, cumulative		resource, order, scheduling, task, job, machine	157	951
SimoninAHL12 [788]	15	sweep	satellite		CP, constraint programming, propagation	CHIP		preemptive, precedence, periodic, preempt	disjunctive, span constraint, cycle, cumulative		resource, task, activity, scheduling, order	204	959
Simonis95 [791]	4		aircraft		CLP, constraint logic programming, propagation	CHIP		transportation, producer/consumer, precedence	diffn, circuit, Among constraint, cumulative, cycle	food industry	resource, order, scheduling, task, machine	419	n/a
Simonis95a [790]	21		pipeline, aircraft, business process	benchmark, real-life	constraint programming, CLP, constraint logic programming, constraint satisfaction, propagation, CP	CHIP, OPL		precedence, manpower, distributed, stock level, due-date, explanation, inventory, producer/consumer, Over-constrained	cycle, circuit, cumulative, diffn	drawing industry, chemical industry	job, order, scheduling, task, machine, resource	420	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Simonis99 [792]	39	bi-partite matching, meta heuristic	aircraft, pipeline, maintenance scheduling, airport, business process, nurse	benchmark, real-world, real-life	CLP, CP, constraint programming, constraint satisfaction, constraint logic programming, propagation	OPL, SICStus, CHIP, ECLiPSe		stochastic, inventory, transportation, producer/consumer, due-date, manpower, stock level, explanation, precedence, Over-constrained	diffn, circuit, disjunctive, Disjunctive constraint, cumulative, alldifferent, cycle	process industry, chemical industry, food industry	resource, order, activity, scheduling, task, job, machine	387	n/a
SimonisC95 [795]	14		pipeline, maintenance scheduling, aircraft	real-life	constraint programming, CLP, constraint logic programming, constraint satisfaction, propagation, CP	CHIP		transportation, continuous-process, manpower, stock level, job-shop, due-date, flow-shop, inventory, batch process, producer/consumer, Unsatisfiable	cumulative, diffn	food industry	job, order, scheduling, task, machine, resource	421	n/a
SimonisH11 [796]	14	sweep, edge-finding		real-life, real-world	CLP, propagation, CP	Choco Solver, CHIP, Cplex		preemptive, preempt, manpower, producer/consumer	Element constraint, cumulative, CumulativeCost, Cumulatives constraint		order, scheduling, task, resource	222	n/a
SmithC93 [798]	6		telescope, robot	benchmark	propagation, CSP, CP		single machine	tardiness, stochastic, job-shop, precedence, due-date, re-scheduling, Infeasible			order, scheduling, machine, job, resource	432	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SquillaciPR23 [800]	17	meta heuristic, neural network, GRASP, large neighborhood search, simulated annealing, column generation	satellite, earth orbit, airport, earth observation	github, benchmark	constraint programming, CP	Cplex	Earth Observation Scheduling Problem, EOSP, OSP	distributed, multi-objective, periodic, multi-agent, Infeasible, Over-constrained	noOverlap		task, activity, scheduling, resource, order	16	886
SultanikMR07 [804]	6			real-world, benchmark	propagation, COP, CP, constraint optimization, constraint programming			precedence, multi-agent, distributed, stochastic	cycle		scheduling, order, resource, task	283	n/a
SunLYL10 [807]	6	simulated annealing	automotive		constraint programming, CP	Cplex, OPL		distributed, periodic	cycle		order, scheduling, task	236	n/a
SvancaraB22 [809]	8	reinforcement learning, time-tabling	train schedule, railway	benchmark, real-world	constraint satisfaction, constraint programming, CP			batch process, make-span, multi-agent	alternative constraint, noOverlap		order, activity, scheduling, resource, task	32	n/a
SzerediS16 [810]	10	lazy clause generation		benchmark	propagation, CP, constraint programming	MiniZinc, SCIP, Chuffed, Cplex, Gecode	psplib, RCPSP, Resource-constrained Project Scheduling Problem	net present value, preempt, make-span, preemptive, explanation, precedence, Infeasible	cumulative, Element constraint		task, machine, resource, activity, order, scheduling	135	n/a
TanSD10 [813]	6	edge-finding		benchmark, generated instance	propagation, constraint satisfaction, CP, constraint programming	Ilog Scheduler		completion-time, preemptive, make-span, precedence, cmax, job-shop, preempt, Infeasible	cumulative, cycle, disjunctive	process industry	resource, order, machine, job, scheduling	237	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TanT18 [812]	12	genetic algorithm, meta heuristic	medical, operating room, patient, robot	benchmark	constraint satisfaction, constraint programming, constraint logic programming, CP	Cplex	single machine, parallel machine	flow-shop, single-machine scheduling, release-date, precedence, re-scheduling, setup-time, Benders Decomposition, cmax, job-shop, completion-time, make-span, Logic-Based Benders Decomposition, Infeasible	Disjunctive constraint, disjunctive		scheduling, job, machine, task	101	n/a
TangB20 [815]	16	simulated annealing	semiconductor	real-world	CP, constraint programming	CPO, Cplex	2BPHFSP, single machine, HFS	Logic-Based Benders Decomposition, tardiness, due-date, Benders Decomposition, flow-shop, make-span, batch process, two-stage scheduling, precedence, Infeasible	bin-packing, alwaysIn, Cardinality constraint, Element constraint, GCC constraint, span constraint, cycle, endBeforeStart	manufacturing industry	job, scheduling, resource, order, machine	61	924
TardivoDFMP23 [817]	18	lazy clause generation, not-first, edge-finding, time-tabling, sweep, energetic reasoning, not-last		bitbucket, real-world, benchmark, github	CP, CSP, constraint optimization, propagation, constraint satisfaction, constraint programming	CHIP, Gecode, MiniZinc	CuSP, RCPSP, psplib	precedence, preempt, make-span	disjunctive, cumulative, Cumulatives constraint		activity, scheduling, task, resource, order	17	887

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Tassel22 [818]	2	deep learning, machine learning, meta heuristic, neural network, reinforcement learning	aircraft, semiconductor	industrial instance, github, real-world, industrial partner, benchmark	constraint optimization, CP, COP	Gurobi, OR-Tools		job-shop, stochastic, breakdown	cumulative		resource, order, scheduling, machine, job, task	33	901
TasselGS23 [819]	9	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic		industrial instance, real-world, github, benchmark, supplementary material	propagation, CP, constraint programming, constraint optimization	Choco Solver	JSSP	job-shop, flow-shop, completion-time, flow-time, re-scheduling, precedence, tardiness, preempt, make-span, periodic	cumulative, disjunctive, noOverlap		resource, job, order, scheduling, task, machine	18	888
Teppan22 [822]	8	genetic algorithm		benchmark, real-life	constraint programming, propagation, CP, CLP	OR-Tools, OPL	JSSP, parallel machine, PTC, FJS	cmax, flow-shop, setup-time, job-shop, make-span, preempt, distributed, completion-time, Over-constrained	noOverlap, endBeforeStart		scheduling, task, resource, order, machine, job	34	902
Tesch16 [825]	27	large neighborhood search, not-first, sweep, edge-finding, energetic reasoning, not-last, time-tabling		Roadef	propagation, CP, constraint programming	OPL	CuSP, psplib, RCPSP	make-span, precedence, completion-time, Infeasible	cumulative, disjunctive		resource, order, job, scheduling	136	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Tesch18 [826]	17	sweep, edge-finding, energetic reasoning, not-last, time-tabling		Roadef	propagation, CP, constraint programming		Resource-constrained Project Scheduling Problem, CuSP, psplib, RCPSP, single machine	make-span, single-machine scheduling, precedence, preempt, release-date, due-date, completion-time, preemptive, lateness, Infeasible	cumulative		task, resource, order, machine, job, scheduling	102	n/a
ThiruvadyBME09 [827]	15	meta heuristic, ant colony			CP, constraint programming, propagation	Gecode	single machine	due-date, stochastic, open-shop, make-span, setup-time, tardiness, single-machine scheduling, Infeasible	cumulative		resource, machine, job, scheduling, order	249	n/a
ThomasKS20 [829]	18	large neighborhood search	medical, patient	benchmark, bitbucket, CSPlib, generated instance	constraint programming, CSP, propagation, CP	CPO, OR-Tools, OPL, Cplex		transportation, Infeasible	cumulative		order, scheduling, resource, activity	62	925
Thorsteinsson01 [830]	15				constraint logic programming, CLP, constraint programming, propagation, constraint satisfaction, CP	OPL	parallel machine	Benders Decomposition, precedence, due-date, Logic-Based Benders Decomposition, Infeasible	alldifferent, cumulative, Arithmetic constraint, circuit		order, job, scheduling, machine, task	368	n/a
Tom19 [832]	6	simulated annealing, genetic algorithm		real-world	constraint programming, constraint satisfaction	OPL	single machine	tardiness, job-shop, re-scheduling, multi-objective, single-machine scheduling, make-span, transportation			task, activity, scheduling, resource, job, machine	82	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TouatBT22 [836]	8	time-tabling, meta heuristic	robot, satellite, container terminal	generated instance, benchmark	constraint programming, CP	Cplex, OPL	RCPSP, single machine	unavailability, due-date, flow-shop, planned maintenance, precedence, tardiness, earliness, completion-time, multi-objective, no preempt, distributed, job-shop, preempt, release-date, periodic, single-machine scheduling, make-span	noOverlap		job, machine, resource, order, activity, scheduling, task	35	903
Touraivane95 [837]	3		crew-scheduling	real-life	CLP, CP, constraint logic programming, constraint programming						scheduling, order, task	422	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TranB12 [839]	6	column generation, meta heuristic, simulated annealing, ant colony		benchmark	constraint programming, CP	Cplex	PMSP, single machine, parallel machine	setup-time, due-date, release-date, Logic-Based Benders Decomposition, tardiness, completion-time, Benders Decomposition, make-span, single-machine scheduling, sequence dependent setup, distributed, precedence, cmax, Infeasible	circuit, cycle		scheduling, resource, job, order, machine	205	n/a
TranDRFWOVB16 [840]	9	simulated annealing, neural network, deep learning, meta heuristic	aircraft, airport		CP, constraint satisfaction, constraint programming, constraint logic programming, COP	OPL		re-scheduling, job-shop, stochastic, precedence, Infeasible	cycle		activity, scheduling, machine, resource, job, order, task	137	n/a
TranTDB13 [842]	9	ant colony	round-robin	real-world	CP	Cplex	parallel machine	setup-time, make-span, flow-time, flow-shop, cmax, re-scheduling, stochastic, periodic, distributed, Infeasible	cycle		resource, job, scheduling, task, machine, order	191	n/a
TranVNB17a [844]	5		robot, medical	real-world	CP, constraint programming	Cplex		transportation, setup-time, multi-objective	alternative constraint, cumulative		scheduling, task, machine, resource, activity, order	116	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TranWDRFOVB16 [845]	9	neural network, deep learning, simulated annealing, meta heuristic	robot, satellite	benchmark	COP, propagation	Ilog Scheduler, OPL	single machine	precedence, job-shop, single-machine scheduling, stochastic, Infeasible	cumulative, cycle		scheduling, task, activity, machine, job, order	138	n/a
Trick03 [847]	15	time-tabling, bi-partite matching	tournament, sports scheduling, round-robin	real-world	constraint logic programming, CP, constraint programming, propagation	OPL		Infeasible			scheduling, task, order, machine	348	n/a
Valdes87 [855]	5				constraint satisfaction, propagation			precedence, Unsatisfiable	circuit, disjunctive, cycle		order, task	443	n/a
ValleMGT03 [856]	8	edge-finder	robot	real-life	propagation, CP, constraint programming, CSP	Ilog Solver		make-span, job-shop, transportation, precedence			machine, order, scheduling, resource, job, task	349	n/a
VanczaM01 [862]	15	genetic algorithm	robot	real-life, real-world	propagation, constraint programming, CP, constraint satisfaction			multi-objective, Pareto, precedence, Over-constrained	cycle, disjunctive, Disjunctive constraint		machine, resource, order, scheduling, task	369	n/a
VerfaillieL01 [863]	15	genetic algorithm, simulated annealing	earth observation, satellite		CP, CSP, constraint programming, propagation	Cplex, OPL	Open Shop Scheduling Problem	stochastic, open-shop, job-shop	cycle		task, scheduling, job, order	370	n/a
Vilim02 [864]	1	edge-finding			propagation, CP, constraint programming			sequence dependent setup, batch process, setup-time, precedence	cumulative, disjunctive		resource, activity, scheduling	364	n/a
Vilim03 [865]	1	edge-finding, not-last			propagation, constraint satisfaction, CP, constraint programming, CSP			job-shop, open-shop, explanation	cumulative, disjunctive		job, order, scheduling	350	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Vilim04 [866]	13	sweep, edge-finding, not-last		benchmark	propagation, CP, constraint programming			sequence dependent setup, batch process, setup-time, job-shop, precedence, completion-time, Infeasible	cumulative, disjunctive		task, resource, machine, activity, job, order, scheduling	338	n/a
Vilim05 [867]	14	not-last		benchmark	propagation, constraint satisfaction, CP, CSP			make-span, job-shop, preempt, open-shop, precedence, explanation, completion-time, preemptive	cumulative, disjunctive		task, resource, machine, activity, job, order, scheduling	320	n/a
Vilim09 [868]	15	not-first, energetic reasoning, edge-finding, not-last			propagation, CP	CPO		job-shop, preempt, precedence, completion-time, preemptive	cumulative, cycle		resource, activity, job, order, scheduling	250	n/a
Vilim09a [869]	15	edge-finding, energetic reasoning, not-last			constraint programming, propagation, CP	Ilog Scheduler		preemptive, completion-time, preempt	cycle, cumulative		order, scheduling, task, activity, resource	251	n/a
Vilim11 [870]	16	large neighborhood search, sweep, energetic reasoning, edge-finding, not-last, time-tabling		benchmark	propagation, CP, constraint programming		psplib, RCPSP	manpower, preempt, precedence, completion-time, preemptive, Infeasible	cumulative, cycle, disjunctive		task, resource, machine, activity, order, scheduling	223	n/a
VilimBC04 [871]	15	edge-finding, not-first, not-last		benchmark, real-life	CP, propagation, constraint programming			make-span, precedence, completion-time, distributed, job-shop, open-shop, Infeasible	disjunctive, cumulative		scheduling, job, machine, resource, order, activity	339	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
VilimLS15 [873]	17	time-tabling, large neighborhood search, machine learning, genetic algorithm	rectangle-packing	benchmark	CSP, CP, propagation, constraint programming, constraint satisfaction	Cplex, CPO	Resource-constrained Project Scheduling Problem, psplib, RCPSP	explanation, precedence, earliness, completion-time, cmax, job-shop, periodic, make-span, Infeasible	disjunctive, noOverlap, cumulative		machine, resource, order, activity, scheduling, task, job	158	n/a
Wallace06 [878]	32	column generation, genetic algorithm, meta heuristic, Lagrangian relaxation, simulated annealing, ant colony	workforce scheduling, hoist	real-world, benchmark, Roadef	constraint satisfaction, constraint logic programming, CSP, CP, propagation, constraint programming, CLP	CHIP, ECLiPSe, Z3, Cplex, OPL		Logic-Based Benders Decomposition, explanation, tardiness, earliness, job-shop, transportation, Benders Decomposition, cyclic scheduling, Infeasible	Channeling constraint, circuit, cycle		task, resource, job, scheduling, machine, order	292	n/a
WallaceF00 [880]	7		deep space		propagation, CP, CSP			explanation	table constraint		activity, resource, task, order, scheduling	377	n/a
WangB20 [881]	8	genetic algorithm	aircraft, airport	github	CP, constraint programming, propagation	Gurobi	Fixed Job Scheduling, FJS	unavailability, distributed	AllDiff constraint, WeightAllDiff, alldifferent, MinWeightAllDiff		scheduling, task, resource, job, order, machine	63	926
WangB23 [882]	8	genetic algorithm, lazy clause generation	crew-scheduling, operating room, aircraft, airport	random instance, real-world	CP, CSP, constraint programming, propagation	Gurobi	Fixed Job Scheduling, FJS	unavailability, transportation	Channeling constraint, WeightAllDiff, alldifferent, MinWeightAllDiff		scheduling, task, resource, job, order	19	889
WatsonB08 [886]	15	meta heuristic, simulated annealing		real-world, benchmark	constraint satisfaction, propagation, constraint programming, CP	Ilog Scheduler		job-shop, periodic, make-span, explanation, completion-time, cmax	disjunctive		resource, order, scheduling, job, machine	267	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
WatsonBHW99 [885]	8	NEH, genetic algorithm		real-world, benchmark	CP			make-span, preemptive, preempt, job-shop, stochastic, precedence, flow-shop	circuit		order, machine, job, scheduling	388	n/a
WessenCS20 [888]	10		robot	real-world	propagation, CP, constraint programming	Gecode		completion-time, precedence, make-span, multi-agent, job-shop, Infeasible	circuit		order, job, scheduling, task	64	927
WinterMMW22 [891]	18	genetic algorithm, simulated annealing, quadratic programming, large neighborhood search, MIQP, meta heuristic, mat heuristic	farming	supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner	constraint programming, CP	CPO, Gurobi, Cplex	parallel machine, PMSP	setup-time, Pareto, bi-objective, precedence, release-date, completion-time, tardiness, distributed, due-date, Infeasible	noOverlap, alternative constraint	manufacturing industry, agricultural industry	task, machine, order, job, scheduling, resource	36	904
Wolf03 [892]	15	genetic algorithm, sweep, not-last, edge-finding, not-first	pipeline	benchmark	constraint programming, CP, CLP, propagation			job-shop, preempt, preemptive, completion-time, make-span, Infeasible	cumulative, Disjunctive constraint, disjunctive		machine, task, order, activity, resource, job, scheduling	351	n/a
Wolf05 [893]	15	sweep, not-last, edge-finding, not-first		benchmark	constraint programming, CP, CLP, propagation	Ilog Scheduler		job-shop, preempt, preemptive, completion-time, make-span, precedence	cumulative		machine, task, order, activity, resource, job, scheduling	321	n/a
Wolf09 [897]	17	sweep, not-last, edge-finding, not-first	operating room, patient, surgery	real-life	constraint programming, CP, COP, constraint optimization, CLP, propagation	CHIP, SICStus, OPL		job-shop, preempt, preemptive, explanation	Weighted-Sum, Weighted-TaskSum		machine, task, order, resource, job, scheduling	252	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Wolf11 [894]	17	ant colony	medical, physician, operating room, patient, nurse, surgery		constraint programming, CP, constraint optimization, CLP, propagation	CHIP, OPL	single machine	inventory, producer/consumer, preempt, preemptive, transportation, distributed, sequence dependent setup, setup-time	cumulative, alternative constraint, Element constraint, Cumulatives constraint		machine, task, order, activity, resource, scheduling	224	n/a
WolfS05 [896]	14	sweep, energetic reasoning, not-last		real-world	CP, CLP, constraint programming	CHIP		completion-time, preemptive, distributed, preempt	cumulative		activity, task, resource, order, scheduling	322	n/a
WolinskiKG04 [898]	8		pipeline		CSP, propagation, CP		SCC	distributed, precedence	Diff2 constraint, cycle		resource, scheduling, machine, order	341	n/a
WuBB05 [899]	1			benchmark	CP	Ilog Scheduler		release-date, stochastic, make-span			resource, job, scheduling	323	n/a
YangSS19 [901]	10	energetic reasoning, not-last, edge-finding, lazy clause generation	evacuation, rectangle-packing	generated instance	constraint programming, CP, propagation	Choco Solver, OR-Tools, SICStus, Gecode, CHIP, OPL		preempt, explanation, preemptive, completion-time	cumulative, disjunctive		activity, resource, order, scheduling, machine, task	83	n/a
YoshikawaKNW94 [903]	6	genetic algorithm, simulated annealing, time-tabling	high school timetabling	real-world	CSP						scheduling, order, job, task	431	n/a
YoungFS17 [905]	10	lazy clause generation, column generation, time-tabling, Lagrangian relaxation		benchmark, github, instance generator	CP, propagation, constraint programming	Chuffed, MiniZinc	psplib, RCPSP, Resource-constrained Project Scheduling Problem	preemptive, preempt, make-span, explanation, precedence	disjunctive, cumulative		resource, order, activity, scheduling, task, machine	117	942

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
YuraszeckMC23 [909]	6	meta heuristic, ant colony		benchmark, github	constraint programming, CP		OSSP, JSSP	stochastic, cmax, distributed, preempt, open-shop, due-date, make-span, precedence, preemptive, job-shop, flow-time, release-date	noOverlap		job, order, scheduling, machine	20	890
ZampelliVSDR13 [913]	17	meta heuristic, Lagrangian relaxation, large neighborhood search	container terminal	real-world, industrial partner, random instance, industrial instance	constraint programming, propagation, CP	SCIP		lateness, transportation, setup-time, tardiness, distributed, preempt, stochastic, completion-time, preemptive	cycle, cumulative	maritime industry	task, activity, scheduling, order, resource	192	n/a
ZhangBB22 [924]	9	meta heuristic, large neighborhood search, quadratic programming		generated instance, benchmark	constraint satisfaction, COP, CP, propagation, constraint programming	OPL, Gurobi, CPO	single machine	preempt, precedence, make-span, cmax, lateness, completion-time, distributed, one-machine scheduling, job-shop, Infeasible	disjunctive, span constraint, cycle, Disjunctive constraint		scheduling, task, machine, order, resource, job	37	n/a
ZhangJZL22 [923]	6	memetic algorithm, machine learning, meta heuristic, genetic algorithm	semiconductor	benchmark	constraint programming, CP		single machine, parallel machine, HFS	transportation, precedence, stochastic, setup-time, single-machine scheduling, multi-objective, tardiness, make-span, due-date, flow-shop, completion-time, Infeasible	cumulative, noOverlap, endBeforeStart, alternative constraint		resource, job, order, scheduling, task, machine	38	905

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZhangLS12 [927]	4	ant colony, time-tabling			CP, propagation, constraint programming, CSP, constraint satisfaction			cmax			order, scheduling	206	n/a
Zhou96 [929]	15	edge-finding			constraint programming, constraint logic programming, CLP, propagation, constraint satisfaction	Z3		job-shop, due-date, completion-time, precedence, release-date	Disjunctive constraint, disjunctive		task, order, job, scheduling, machine	415	n/a
ZhouGL15 [931]	5	genetic algorithm, meta heuristic, GRASP, particle swarm, NEH	railway	real-world	constraint programming, constraint satisfaction, propagation, CSP, CP	Gecode, CHIP, OR-Tools	HFF, FJS, HFS, parallel machine	distributed, re-scheduling, completion-time, online scheduling, transportation, cmax, tardiness, job-shop, flow-shop, stochastic, setup-time, make-span	cumulative		resource, order, scheduling, machine, job, task	159	n/a
ZhuS02 [932]	5		meeting scheduling		CLP, constraint programming, constraint logic programming, CP			distributed			activity, resource, scheduling	365	n/a
ZibranR11 [934]	4	simulated annealing, genetic algorithm, meta heuristic			CP, constraint programming, constraint satisfaction	Cplex, OPL		Infeasible			order, activity, scheduling	225	n/a
ZibranR11a [935]	10	meta heuristic, time-tabling, genetic algorithm, simulated annealing			propagation, CP, constraint programming, constraint satisfaction	Cplex, OPL		distributed, Infeasible			activity, order, scheduling, resource	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		0					2	580
LiLZDZW24 LiLZDZW24 [530]	Learning to Optimize Permutation Flow Shop Scheduling via Graph-Based Imitation Learning		0					3	694
AalianPG23 AalianPG23 [1]	Optimization of Short-Term Underground Mine Planning Using Constraint Programming		1	n		n		4	446
Bit-Monnot23 Bit-Monnot23 [132]	Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling		1	y		y	-	5	509
EfthymiouY23 EfthymiouY23 [267]	Predicting the Optimal Period for Cyclic Hoist Scheduling Problems		3	n		n	-	7	571
IklassovMR023 IklassovMR023 [444]	On the Study of Curriculum Learning for Inferring Dispatching Policies on the Job Shop Scheduling		2					8	648
JuvinHHL23 JuvinHHL23 [456]	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling		6	ref		y		9	654
JuvinHL23 JuvinHL23 [458]	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty		0	ref		n	-	10	655
KameugneFND23 KameugneFND23 [464]	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density		5	BL PSPlib		n	-	11	658
KimCMLLP23 KimCMLLP23 [476]	Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting		0	y		n	-	12	664
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 [592]	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability		0	n		n	-	13	724
PerezGSL23 PerezGSL23 [690]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports		0	n		n	-	14	761
PovedaAA23 PovedaAA23 [708]	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars		4	y		y		15	768
SquillaciPR23 SquillaciPR23 [800]	Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches		2	y		n	-	16	806
TardivoDFMP23 TardivoDFMP23 [817]	Constraint Propagation on GPU: A Case Study for the Cumulative Constraint		9	PSPLib BL Pack		y	-	17	814
TasselGS23 TasselGS23 [819]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming		0	ref		y	-	18	816
WangB23 WangB23 [882]	Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling		0	(y)		n	[881]	19	848
YuraszeckMC23 YuraszeckMC23 [909]	A competitive constraint programming approach for the group shop scheduling problem		0	ref		n	-	20	863
ArmstrongGOS22 ArmstrongGOS22 [39]	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times		0	(y)		-	[38]	21	461
BoudreaultSLQ22 BoudreaultSLQ22 [160]	A Constraint Programming Approach to Ship Refit Project Scheduling		9			y	-	22	524
GeitzGSSW22 GeitzGSSW22 [332]	Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches		8	y		n	-	23	603

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
JungblutK22 JungblutK22 [453]	Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming		0	y		y	-	25	652
KotaryFH22 KotaryFH22 [490]	Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method		0					26	672
LiFJZLL22 LiFJZLL22 [531]	Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment		0	ref		n	-	27	693
LuoB22 LuoB22 [570]	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem		2	n		n	-	28	715
OuelletQ22 OuelletQ22 [673]	A MinCumulative Resource Constraint		1	y		y	-	29	754
OujanaAYB22 OujanaAYB22 [674]	Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company		0	n		n	-	30	755
PopovicCGNC22 PopovicCGNC22 [706]	Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming		0	n		n	-	31	767
Tassel22 Tassel22 [818]	Adaptive Artificial Intelligence Scheduling Methods for Large-Scale, Stochastic, Industrial Applications		2					33	815
Teppan22 Teppan22 [822]	Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment		0	ref		n	-	34	817
TouatBT22 TouatBT22 [836]	A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints		0	n		n	-	35	824
WinterMMW22 WinterMMW22 [891]	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry		0	y		y	-	36	852
ZhangJZL22 ZhangJZL22 [923]	Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem		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		1	y		y		39	458
ArmstrongGOS21 ArmstrongGOS21 [38]	The Hybrid Flexible Flowshop with Transportation Times		1	y		y	-	40	460
Astrand0F21 Astrand0F21 [51]	Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS		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		3	y		n	-	44	600
GeibingerMM21 GeibingerMM21 [331]	Constraint Logic Programming for Real-World Test Laboratory Scheduling		0	y				45	602
HanenKP21 HanenKP21 [387]	Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors		1	ref		n	-	46	626
HillTV21 HillTV21 [418]	A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects		0	PSPlib		n	-	47	637

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
KlankeBYE21 KlankeBYE21 [479]	Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant		0	n		n	-	48	666
KovacsTKSG21 KovacsTKSG21 [498]	Utilizing Constraint Optimization for Industrial Machine Workload Balancing		2	y		y	-	50	675
LacknerMMWW21 LacknerMMWW21 [514]	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem		3	y		y		51	686
AntuoriHHEN20 AntuoriHHEN20 [31]	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing		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		0	JSON		y	-	54	611
GroleazNS20 GroleazNS20 [365]	Solving the Group Cumulative Scheduling Problem with CPO and ACO		0	-		-	[365]	56	619
GroleazNS20a GroleazNS20a [364]	ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint		0	y		n	-	57	620
Mercier-AubinGQ20 Mercier-AubinGQ20 [602]	Leveraging Constraint Scheduling: A Case Study to the Textile Industry		1	a		a	-	59	726
NattafM20 NattafM20 [645]	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem		7	-		-	[582]	60	744
TangB20 TangB20 [815]	CP and Hybrid Models for Two-Stage Batching and Scheduling		0	n		n	-	61	813
ThomasKS20 ThomasKS20 [829]	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems		3					62	821
WangB20 WangB20 [881]	Global Propagation of Transition Cost for Fixed Job Scheduling		0	y		n	-	63	847
WessenCS20 WessenCS20 [888]	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization		10	n		n	-	64	851
BadicaBIL19 BadicaBIL19 [56]	Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming		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		0	y		y	-	66	491
BogaerdtW19 BogaerdtW19 [859]	Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams		4	n		n	-	68	515
ColT19 ColT19 [218]	Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers		2	y		y	-	69	551
FrimodigS19 FrimodigS19 [312]	Models for Radiation Therapy Patient Scheduling		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		3	y		y		78	737
SenderovichBB19 SenderovichBB19 [779]	Learning Scheduling Models from Event Data		0					81	796

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
BenediktSMVH18 BenediktSMVH18 [117]	Energy-Aware Production Scheduling with Power-Saving Modes		1	y		y	-	88	497
CappartTSR18 CappartTSR18 [180]	A Constraint Programming Approach for Solving Patient Transportation Problems		1					89	532
He0GLW18 He0GLW18 [395]	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing		8	y		y	-	91	627
CappartS17 CappartS17 [179]	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables		1	y		n	-	105	531
GoldwaserS17 GoldwaserS17 [350]	Optimal Torpedo Scheduling		4	y		n	-	109	613
LiuCGM17 LiuCGM17 [546]	NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities		11	n			-	112	702
YoungFS17 YoungFS17 [905]	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem		6					117	862
AmadiniGM16 AmadiniGM16 [27]	Parallelizing Constraint Solvers for Hard RCPSP Instances		3					118	454
BonfiettiZLM16 BonfiettiZLM16 [153]	The Multirate Resource Constraint		1					119	521
CauwelaertDMS16 CauwelaertDMS16 [194]	Efficient Filtering for the Unary Resource with Family-Based Transition Times		2					123	537
CauwelaertLS15 CauwelaertLS15 [195]	Understanding the Potential of Propagators		0					142	538
DejemeppeCS15 DejemeppeCS15 [239]	The Unary Resource with Transition Times		4					143	557
GayHLS15 GayHLS15 [322]	Conflict Ordering Search for Scheduling Problems		0					145	596
GayHS15 GayHS15 [323]	Simple and Scalable Time-Table Filtering for the Cumulative Constraint		2					146	597
GayHS15a GayHS15a [324]	Time-Table Disjunctive Reasoning for the Cumulative Constraint		0					147	598
SialaAH15 SialaAH15 [787]	Two Clause Learning Approaches for Disjunctive Scheduling		5					157	798
DejemeppeD14 DejemeppeD14 [240]	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling		0					166	558
HoundjiSWD14 HoundjiSWD14 [439]	The StockingCost Constraint		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		1	dead			-	181	622
KelarevaTK13 KelarevaTK13 [469]	CP Methods for Scheduling and Routing with Time-Dependent Task Costs		5	ref		-	-	184	660
LetortCB13 LetortCB13 [527]	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint		2	PSPlib		-	-	185	692
SchuttFS13a SchuttFS13a [769]	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint		5	PSPlib AT BL Pack KSD15D PackD		-	-	190	791

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
SimoninAHL12 SimoninAHL12 [788]	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 391)

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	1455	1708
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	1546	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	[711]	2024	Results in Control and Optimization	17	0 0 0	0 149	1609	1709
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	1707	1710
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	1355	1711
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	1356	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	1357	1712
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	1358	1713
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	1360	1714
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	1362	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	1365	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	1417	1715
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	1432	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	1453	1716
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	1456	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

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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	1463	1717
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	1471	1718
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	1473	1719
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	1504	1720
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	1510	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	1531	1721
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	1552	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	1568	1722
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	1569	1723
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	1573	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	1574	1724
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	1575	1725
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	[854]	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	[689]	2023	Computers Operations Research	13	0 3 1	34 36	1601	n/a
ShaikhK23 ShaikhK23	A. A. Shaikh, A. A. Khan	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems	Yes	[781]	2023	Int. J. Electron. Secur. Digit. Forensics	12	0 0 0	0 0	1639	1726
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	[889]	2023	Constraints An Int. J.	34	0 0 0	38 50	1674	1727
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	[911]	2023	IEEE Access	11	0 0 0	0 29	1679	1728
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	[933]	2023	Omega	22	1 1 1	36 50	1694	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	1704	1729
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	[820]	2023	CoRR	9	0 0 0	0 0	1705	1730
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	[691]	2023	CoRR	20	0 0 0	0 0	1706	1731
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	1354	1732
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	1373	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	1412	n/a
BulckG22 BulckG22	D. V. Bulck, D. Goossens	Optimizing rest times and differences in games played: an iterative two-phase approach	Yes	[857]	2022	Journal of Scheduling	11	2 3 3	19 22	1416	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	1418	1733
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	Yes	[208]	2022	Expert Systems with Applications	19	5 11 10	44 52	1425	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	1430	1734
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	1440	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	1442	1735
EtminaniesfahaniGNMS22 EtminaniesfahaniGNMS22	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	1445	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	1452	1736
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	1454	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	Yes	[338]	2022	APPLIED MATHEMATICAL MODELLING	16	4 4 4	46 55	1461	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	1489	1737

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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	1509	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	1558	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	1570	1738
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	1571	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	1572	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	1576	n/a
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[670]	2022	Operational Research	29	0 0 0	0 0	1592	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	[703]	2022	European Journal of Operational Research	16	4 4 4	31 44	1606	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	[783]	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	[803]	2022	Soft Computing	38	5 7 7	86 107	1648	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	[908]	2022	International Journal of Production Research	18	20 36 40	58 64	1678	1739
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	[910]	2022	Mathematics	26	6 9 9	29 37	1680	1740
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	[806]	2022	CoRR	17	0 0 0	0 0	1703	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	1352	1741

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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	1353	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	1361	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	1393	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	1439	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	1451	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	1481	1742
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	1482	1743
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	1503	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	1517	1744
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	1559	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	[681]	2021	J. Supercomput.	29	3 3 3	32 41	1597	n/a
Pinarbasi21 Pinarbasi21	M. Pınarbaşı	New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions	No	[715]	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	[717]	2021	IEEE Trans Autom. Sci. Eng.	12	12 19 0	30 30	1612	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	[722]	2021	International Journal of Management Science and Engineering Management	11	4 4 9	44 46	No	n/a

Table 5: ARTICLE (Total 391)

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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	[746]	2021	European Journal of Operational Research	14	15 15 15	44 51	1624	n/a
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[875]	2021	Computers Industrial Engineering	14	7 18 20	22 36	1669	1745
ZhangYW21 ZhangYW21	L. Zhang, C. Yu, T. N. Wong	A graph-based constraint programming approach for the integrated process planning and scheduling problem	Yes	[925]	2021	Computers Operations Research	10	6 7 8	35 41	1691	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	1702	n/a
AbidinK20 AbidinK20	Z. A. Cil, D. Kizilay	Constraint programming model for multi-manned assembly line balancing problem	Yes	[3]	2020	Computers Operations Research	14	11 14 0	27 35	1351	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	1366	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	1372	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	1374	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	1398	1746
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	1420	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	1422	1747
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	1447	1748
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	1450	1749
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	1478	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	1486	1750
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	1547	1751
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	1555	1752
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	1560	1753
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	1567	n/a
PinarbasiA20 PinarbasiA20	M. Pınarbaşı, H. M. Alakaş	Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models	No	[716]	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	[705]	2020	International Journal of Production Research	18	8 10 11	23 36	1607	1754
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	[718]	2020	European Journal of Operational Research	18	27 30 31	30 35	1610	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	[743]	2020	International Journal of Production Economics	19	24 29 29	43 56	1622	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	[752]	2020	Oper. Res. Forum	33	2 4 5	38 46	1627	1755
WallaceY20 WallaceY20	M. G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[879]	2020	Constraints An Int. J.	19	5 6 5	18 23	1671	1756
ZarandiASC20 ZarandiASC20	M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	n/a
ZouZ20 ZouZ20	X. Zou, L. Zhang	A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic	Yes	[936]	2020	Automation in Construction	10	18 21 19	48 52	1695	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	1363	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	1367	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	1429	1757

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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	1444	n/a
GurEA19 GurEA19	Şeyda Gür, T. Eren, H. M. Alakaş	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study	Yes	[937]	2019	Mathematics	24	19 21 19	30 49	1472	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	1502	1758
KonowalenkoMM19 KonowalenkoMM19	E. Konowalenko, W. Meira, L. Magatao	Constraint Logic Programming Applied to Sequencing Tasks in a Pipeline Network	Yes	[486]	2019	IEEE LATIN AMERICA TRANSACTIONS	9	0 0 0	0 0	1518	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	1580	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	1581	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	1582	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	1584	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	Yes	[699]	2019	Assembly Automation	14	16 18 0	41 68	1603	n/a
SunTB19 SunTB19	D. Sun, L. Tang, R. Baldacci	A Benders decomposition-based framework for solving quay crane scheduling problems	Yes	[805]	2019	European Journal of Operational Research	12	31 34 37	29 31	1649	1759
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	[814]	2019	IEEE Transactions on Automation Science and Engineering	10	40 45 43	40 44	1651	1760
UnsalO19 UnsalO19	O. Unsal, C. Oguz	An exact algorithm for integrated planning of operations in dry bulk terminals	Yes	[853]	2019	Transportation Research Part E: Logistics and Transportation Review	19	44 52 54	27 34	1667	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	[884]	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	[890]	2019	Vietnam. J. Comput. Sci.	22	0 0 0	11 16	1675	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	[904]	2019	Operations research for health care	11	7 7 11	15 26	1677	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	1698	1761

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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	1699	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	1700	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	1701	1762
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	1378	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	1410	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	1415	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	1423	1763
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	1448	1764
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	1460	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	1464	n/a
GoldwaserS18 GoldwaserS18	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[351]	2018	J. Artif. Intell. Res.	32	8 8 9	0 0	1465	1765
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	1466	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	1476	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	1477	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	1524	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	1530	1766
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	[707]	2018	European Journal of Operational Research	12	41 47 48	13 25	1608	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	[784]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9 9 12	31 39	1640	1767
TangLWSK18 TangLWSK18	Y. Tang, R. Liu, F. Wang, Q. Sun, A. A. Kandil	Scheduling Optimization of Linear Schedule with Constraint Programming	Yes	[816]	2018	Comput. Aided Civ. Infrastructure Eng.	28	24 32 30	76 88	1652	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	[841]	2018	Journal of Scheduling	17	8 9 9	26 29	1661	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	[926]	2018	IEEE Trans. Engineering Management	18	49 56 60	28 32	1690	n/a
CarlssonJL17 CarlssonJL17	M. Carlsson, M. Johansson, J. Larson	Scheduling double round-robin tournaments with divisional play using constraint programming	Yes	[189]	2017	European Journal of Operational Research	11	10 11 12	14 42	1421	1768
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	1443	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	1459	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	1467	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	1480	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	1498	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	1523	1769
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	1578	1770
RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[745]	2017	European Journal of Operational Research	17	61 66 65	46 53	1623	n/a
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[744]	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	[765]	2017	Operations Research Perspectives	11	12 18 21	20 37	1635	1771
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	[843]	2017	J. Artif. Intell. Res.	68	12 12 21	0 0	1662	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	1404	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	1407	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	1409	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	1413	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	1426	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	1438	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	1479	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	1487	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	1525	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	1579	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	1583	n/a
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[669]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0 0 0	0 0	1591	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	[719]	2016	Transportation Research Part E: Logistics and Transportation Review	19	17 18 21	40 49	1611	n/a
RiiseML16 RiiseML16	A. Riise, C. Mannino, L. Lamorgese	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling	Yes	[733]	2016	European Journal of Operational Research	10	27 27 26	29 41	1617	n/a
TranAB16 TranAB16	T. T. Tran, A. Araujo, J. C. Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[838]	2016	INFORMS Journal on Computing	13	72 75 80	28 36	1660	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	[914]	2016	Journal of Intelligent Manufacturing	17	28 29 31	14 22	1682	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	1364	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	1376	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	1446	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	1462	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	1468	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	1511	1772
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	1533	1773

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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	1577	1774
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[678]	2015	Journal of Manufacturing Systems	12	27 28 31	17 32	1596	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	[764]	2015	OR Spectrum	21	24 27 31	20 30	1634	1775
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[785]	2015	Constraints An Int. J.	2	4 3 0	0 0	1641	1776
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[789]	2015	Constraints An Int. J.	23	4 4 6	5 8	1642	1777
WangMD15 WangMD15	T. Wang, N. Meskens, D. Duvivier	Scheduling operating theatres: Mixed integer programming vs. constraint programming	Yes	[883]	2015	European Journal of Operational Research	13	36 38 38	33 49	1672	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	1369	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	1403	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	1408	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	1469	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	1485	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	1513	1778
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	1529	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	1587	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	[688]	2014	Discrete Dynamics in Nature and Society	7	5 4 9	13 17	1600	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	[824]	2014	J. Artif. Intell. Res.	38	12 13 17	0 0	1654	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	[828]	2014	J. Heuristics	34	19 20 19	18 24	1655	n/a
ZhaoL14 ZhaoL14	Z. Zhao, X. Li	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming	Yes	[928]	2014	Operations Research for Health Care	8	40 40 50	23 34	1692	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	1370	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	1375	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	1394	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	1490	1779
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	1512	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	1541	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	1557	1780
MeskensDL13 MeskensDL13	N. Meskens, D. Duvivier, A. Lianset	Multi-objective operating room scheduling considering desiderata of the surgical team	Yes	[604]	2013	DECISION SUPPORT SYSTEMS	10	102 102 116	31 39	1563	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[677]	2013	Constraints An Int. J.	36	31 31 34	44 62	1595	1781
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
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	Yes	[802]	2013	Computers Industrial Engineering	7	2 2 4	15 16	1647	n/a
UnsalO13 UnsalO13	O. Unsal, C. Oguz	Constraint programming approach to quay crane scheduling problem	Yes	[852]	2013	Transportation Research Part E: Logistics and Transportation Review	15	44 45 54	25 34	1666	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	1474	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	1491	1783
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	1536	1784
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	1539	1785
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	1540	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	1548	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	Yes	[581]	2012	European Journal of Operational Research	13	43 44 50	24 41	1549	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	1556	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	1586	n/a
OzturkTHO12 OzturkTHO12	C. 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	[675]	2012	IFAC Proceedings Volumes	6	5 4 5	5 10	1594	n/a

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Ribeiro12 Ribeiro12	C. C. Ribeiro	Sports scheduling: Problems and applications	Yes	[732]	2012	INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH	26	47 52 54	59 92	1616	n/a
TerekhovDOB12 TerekhovDOB12	D. Terekhov, M. K. Dogru, U. Özen, J. C. Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[823]	2012	Computers Industrial Engineering	15	8 9 16	48 59	1653	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	Yes	[834]	2012	Expert Systems with Applications	10	31 32 38	34 43	1658	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	Yes	[922]	2012	Computers Operations Research	9	3 3 4	18 25	1689	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	1377	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	1382	1786
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	1390	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	1396	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	1399	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	1428	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	1475	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	1488	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	1514	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	1521	1787
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	1522	1788
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	1537	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	[727]	2011	ACM Trans. Intell. Syst. Technol.	24	3 3 11	8 22	1615	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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Explaining the cumulative propagator	Yes	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790

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TopaloglуO11 TopaloglуO11	S. Topaloglu, I. Ozkarahan	A constraint programming-based solution approach for medical resident scheduling problems	Yes	[833]	2011	Computers Operations Research	10	46 47 59	24 32	1657	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	[849]	2011	Computers Industrial Engineering	7	11 13 12	17 32	1664	n/a
ZeballosNH11 ZeballosNH11	L. J. Zeballos, J. M. Novas, G. P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[920]	2011	Computers Chemical Engineering	17	26 26 28	29 39	1687	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	1381	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	1384	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	1424	n/a
KendallKRU10 KendallKRU10	G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia	Scheduling in sports: An annotated bibliography	Yes	[471]	2010	Computers Operations Research	19	181 186 220	0 0	1515	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	1538	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	1542	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	1543	1791
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	1585	n/a
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	[676]	2010	Electronic Notes in Discrete Mathematics	8	15 15 17	1 3	1593	n/a
Salido10 Salido10	M. A. Salido	Introduction to planning, scheduling and constraint satisfaction	Yes	[758]	2010	Journal of Intelligent Manufacturing	4	22 22 17	1 3	1631	n/a
Zeballos10 Zeballos10	L. J. Zeballos	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems	Yes	[916]	2010	Robotics and Computer-Integrated Manufacturing	19	41 42 51	16 23	1683	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	[917]	2010	Industrial Engineering Chemistry Research	11	22 23 29	30 39	1684	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	[921]	2010	Eng. Appl. Artif. Intell.	20	33 33 43	28 41	1688	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	[772]	2010	CoRR	37	0 0 0	0 0	1697	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	1401	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	1405	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	1419	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	1457	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	1507	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	1565	n/a
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, P. J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[667]	2009	Constraints An Int. J.	35	127 128 198	15 35	1590	n/a
RasmussenT09 RasmussenT09	R. V. Rasmussen, M. A. Trick	The timetable constrained distance minimization problem	Yes	[726]	2009	Annals of Operations Research	15	8 9 9	15 25	1614	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	[749]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9 9 7	27 37	1625	n/a
WuBB09 WuBB09	C. W. Wu, K. N. Brown, J. C. Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[900]	2009	Computers Operations Research	9	42 42 48	5 16	1676	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	Yes	[919]	2009	Industrial Engineering Chemistry Research	13	7 7 7	14 23	1686	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[697]	2009	CoRR	12	0 0 0	0 0	1696	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	1383	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	1427	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	1458	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	1494	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	1520	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	1534	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	1535	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	1550	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	1562	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	1368	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	1385	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	1392	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	1431	n/a

Table 5: ARTICLE (Total 391)

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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	1497	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	1561	n/a
RasmussenT07 RasmussenT07	R. V. Rasmussen, M. A. Trick	A Benders approach for the constrained minimum break problem	Yes	[725]	2007	European Journal of Operational Research	16	60 62 71	16 27	1613	n/a
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[738]	2007	Transportation Research Part B: Methodological	15	117 121 141	6 14	1619	n/a
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[793]	2007	Constraints An Int. J.	30	10 11 19	17 74	1643	1792
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	1406	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	1470	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	1496	1793
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	1516	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	1564	n/a
RussellU06 RussellU06	R. A. Russell, T. L. Urban	A constraint programming approach to the multiple-venue, sport-scheduling problem	Yes	[750]	2006	Computers Operations Research	12	22 22 0	16 22	1626	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	[755]	2006	INFORMS Journal on Computing	9	45 46 38	6 9	1629	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	[808]	2006	Int. J. Parallel Emergent Distributed Syst.	19	12 12 13	23 39	1650	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	1435	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	1495	1794
RoePS05 RoePS05	B. Roe, L. G. Papageorgiou, N. Shah	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling	Yes	[742]	2005	Computers Chemical Engineering	15	48 47 46	15 23	1621	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	[872]	2005	Constraints An Int. J.	23	21 21 32	5 16	1668	1795
ZeballosH05 ZeballosH05	L. J. Zeballos, G. P. Henning	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources	Yes	[918]	2005	Inteligencia Artif.	10	0 0 0	0 0	1685	n/a
HenzMT04 HenzMT04	M. Henz, T. Müller, S. Thiel	Global constraints for round robin tournament scheduling	Yes	[414]	2004	European Journal of Operational Research	10	44 47 0	8 24	1493	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	1551	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	[668]	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	[702]	2004	European Journal of Operational Research	16	7 7 10	8 18	1605	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	1391	n/a
ElfJR03 ElfJR03	M. Elf, M. Jünger, G. Rinaldi	Minimizing breaks by maximizing cuts	Yes	[269]	2003	OPERATIONS RESEARCH LETTERS	7	41 41 45	7 10	1441	n/a
HookerO03 HookerO03	J. N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[434]	2003	Mathematical Programming	28	317 333 371	0 0	1499	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	1526	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	1527	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	1528	n/a
Tsang03 Tsang03	E. P. K. Tsang	Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems	Yes	[850]	2003	Journal of Scheduling	2	1 0 0	0 0	1665	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	1483	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	1508	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	1545	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	[740]	2002	Computers in Railways VIII	10	0 0 0	0 0	1620	n/a
Timpe02 Timpe02	C. Timpe	Solving planning and scheduling problems with combined integer and constraint programming	Yes	[831]	2002	OR Spectrum	18	42 42 54	0 0	1656	n/a
YunG02 YunG02	Y.-S. Yun, M. Gen	Advanced scheduling problem using constraint programming techniques in SCM environment	No	[906]	2002	Computers Industrial Engineering	17	19 20 27	6 19	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	1411	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	1505	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	1553	n/a

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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	1554	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	Yes	[846]	2001	Computers Industrial Engineering	25	7 7 9	9 26	1663	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	1371	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	1379	1796
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	1387	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	1388	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	1414	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	1437	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	1484	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	1492	1797
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	1501	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	1519	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	1544	n/a
SakkoutW00 SakkoutW00	H. E. Sakkout, M. G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[757]	2000	Constraints An Int. J.	30	73 0 105	0 0	1630	1798
SchildW00 SchildW00	K. Schild, J. Würtz	Scheduling of Time-Triggered Real-Time Systems	Yes	[763]	2000	Constraints An Int. J.	23	23 0 32	0 0	1633	1799
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[794]	2000	IEEE Intell. Syst.	7	11 11 6	5 14	1644	n/a
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[799]	2000	INFORMS Journal on Computing	12	7 7 8	14 23	1646	n/a
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[835]	2000	European Journal of Operational Research	12	26 26 26	13 27	1659	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	1380	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	1400	1800
HookerO99 HookerO99	J. N. Hooker, M. Osorio	Mixed logical-linear programming	Yes	[433]	1999	Discrete Applied Mathematics	48	92 95 111	48 75	1500	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	1506	n/a

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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	[694]	1999	European Journal of Operational Research	11	26 28 32	18 24	1602	n/a
RodosekWH99 RodosekWH99	R. Rodosek, M. G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	Yes	[737]	1999	Annals of Operations Research	25	53 0 67	0 0	1618	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	1386	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	1389	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	1397	1801
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	[660]	1998	J. Heuristics	16	42 0 50	0 0	1589	n/a
PapaB98 PapaB98	C. L. Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[685]	1998	Constraints An Int. J.	25	14 0 19	0 0	1598	1802
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	1433	1803
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	1449	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	1532	n/a
PintoG97 PintoG97	J. M. Pinto, I. E. Grossmann	A logic-based approach to scheduling problems with resource constraints	Yes	[700]	1997	Computers Chemical Engineering	18	56 56 60	12 24	1604	n/a
Zhou97 Zhou97	J. Zhou	A Permutation-Based Approach for Solving the Job-Shop Problem	Yes	[930]	1997	Constraints An Int. J.	29	14 0 16	0 0	1693	1804
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	1402	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. H. L. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[659]	1996	European Journal of Operational Research	16	65 65 90	6 21	1588	n/a
PeschT96 PeschT96	E. Pesch, U. A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[696]	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	[753]	1996	Artificial Intelligence	41	95 97 131	17 56	1628	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	[797]	1996	Constraints An Int. J.	20	56 57 61	4 9	1645	n/a
Wallace96 Wallace96	M. G. Wallace	Practical Applications of Constraint Programming	Yes	[877]	1996	Constraints An Int. J.	30	87 89 138	55 143	1670	1805
WeilHFP95 WeilHFP95	G. Weil, K. Heus, P. Francois, M. Poujade	Constraint programming for nurse scheduling	Yes	[887]	1995	IEEE Engineering in Medicine and Biology Magazine	6	56 56 68	9 21	1673	n/a

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BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[111]	1994	Mathematical and Computer Modelling	27	167 169 223	8 21	1395	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	[682]	1994	Intelligent Systems Engineering	34	98 98 103	0 53	1599	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	1359	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	1566	n/a
Schreuder92 Schreuder92	J. A. M. Schreuder	Combinatorial aspects of construction of competition Dutch Professional Football Leagues	Yes	[766]	1992	Discrete Applied Mathematics	12	69 70 81	11 17	1636	n/a
Tay92 Tay92	D. B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	No	[821]	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	1436	n/a
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	Yes	[231]	1987	Artificial Intelligence	51	308 312 332	21 51	1434	n/a

3.2 Extracted Concepts

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AbidinK20 [3]	14	time-tabling, particle swarm, ant colony, meta heuristic, simulated annealing	automotive, container terminal, robot	benchmark	CP, constraint programming	Cplex, OPL, CHIP		completion-time, multi-objective, setup-time, precedence, Infeasible	cumulative, cycle, alternative constraint, endBeforeStart	automotive industry	order, task, resource, job, scheduling	1050	n/a
AbohashimaEG21 [4]	14	genetic algorithm, ant colony, memetic algorithm, machine learning, meta heuristic		real-world, generated instance, github	CP	Gurobi	parallel machine	setup-time, multi-objective, stochastic, explanation, cmax, transportation	cycle		machine, scheduling, order, resource	1029	1741
AbreuAPNM21 [232]	20	mat heuristic, meta heuristic, genetic algorithm, simulated annealing, particle swarm, large neighborhood search	medical, patient, automotive	generated instance, benchmark, real-world	CP, constraint programming	Cplex	parallel machine, OSSP, single machine, Open Shop Scheduling Problem	multi-objective, make-span, open-shop, preempt, multi-agent, breakdown, cmax, tardiness, periodic, no-wait, job-shop, distributed, order scheduling, release-date, preemptive, completion-time, setup-time, stochastic, precedence, flow-shop	cycle, noOverlap	oil industry	order, machine, scheduling, job, resource, task	1030	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AbreuN22 [233]	20	meta heuristic, simulated annealing, mat heuristic, large neighborhood search, Lagrangian relaxation, ant colony, particle swarm, genetic algorithm	medical	real-world, benchmark	CP, constraint programming	Cplex	OSSP, single machine, Open Shop Scheduling Problem	make-span, flow-time, distributed, batch process, cmax, preemptive, tardiness, multi-objective, completion-time, no-wait, open-shop, transportation, stochastic, job-shop, flow-shop, bi-objective, preempt, inventory, setup-time	cumulative, noOverlap, cycle	chips industry	resource, order, scheduling, machine, job, task	999	1732
AbreuNP23 [234]	20	genetic algorithm, mat heuristic, meta heuristic, simulated annealing, time-tabling, large neighborhood search	medical	real-world, benchmark	CP, constraint programming	Cplex, OPL	OSSP, parallel machine, Open Shop Scheduling Problem	completion-time, distributed, job-shop, preempt, setup-time, no-wait, make-span, tardiness, earliness, two-machine scheduling, energy efficiency, flow-shop, cmax, blocking constraint, stochastic, transportation, open-shop, Infeasible	noOverlap, Blocking constraint	oil industry	order, resource, job, scheduling, machine	964	1711

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AbreuPNF23 [5]	12	lazy clause generation, meta heuristic, ant colony, NEH, large neighborhood search, mat heuristic, simulated annealing, genetic algorithm	medical, robot	real-life, benchmark, real-world	constraint programming, propagation, CP	Cplex, OPL	RCPSP, parallel machine, OSSP, Open Shop Scheduling Problem	distributed, preemptive, job-shop, due-date, no-wait, flow-shop, completion-time, stochastic, sustainability, setup-time, open-shop, order scheduling, multi-objective, transportation, bi-objective, make-span, periodic, tardiness, earliness, preempt	cumulative, disjunctive, noOverlap		order, job, scheduling, machine, resource	965	n/a
Adelgren2023 [11]	12	MINLP, column generation	drone, crew-scheduling, aircraft, operating room, pipeline	benchmark, real-life, github, generated instance, supplementary material	CP, constraint programming, propagation	Gurobi, Cplex	parallel machine	setup-time, preempt, inventory, distributed, preemptive, release-date, sequence dependent setup, job-shop, transportation, periodic, batch process, completion-time, re-scheduling, make-span	disjunctive		order, resource, task, scheduling, machine, job	966	1712

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AfsarVPG23 [12]	14	reinforcement learning, genetic algorithm, meta heuristic, memetic algorithm, neural network, particle swarm		benchmark, real-life, supplementary material, real-world	constraint programming, propagation, CP	Cplex		transportation, bi-objective, precedence, stochastic, setup-time, multi-objective, preempt, make-span, job-shop, due-date, flow-shop, completion-time, open-shop	disjunctive		job, task, machine, scheduling, resource, activity, order	967	1713
AggounB93 [13]	17	simulated annealing	perfect-square, rectangle-packing	real-world	constraint satisfaction, constraint logic programming, propagation, CLP	CHIP, OPL		job-shop, due-date, flow-shop, precedence	Cardinality constraint, circuit, Arithmetic constraint, disjunctive, Disjunctive constraint, bin-packing, Among constraint, cumulative		resource, order, activity, scheduling, task, job, machine	1345	n/a
AkramNHRSA23 [19]	16	genetic algorithm, reinforcement learning, machine learning, deep learning, GRASP, ant colony, simulated annealing	agriculture, medical	benchmark	CP, constraint programming, propagation	OR-Tools		periodic, completion-time, preempt, distributed	cycle, bin-packing		resource, task, scheduling, machine, order	968	1714
Alaka21 [21]	11	meta heuristic, genetic algorithm		real-life	CP, constraint programming, propagation			precedence, multi-objective, stochastic, completion-time, cyclic scheduling	cycle		task, resource, order, machine, scheduling	1031	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AlakaP23 [22]	14	meta heuristic, ant colony, time-tabling, genetic algorithm	robot	real-life	CP, constraint programming, propagation	Cplex		make-span, cyclic scheduling, precedence, stochastic, multi-objective	cycle	garment industry	resource, order, scheduling, machine, task	969	n/a
AlakaPY19 [23]	9	genetic algorithm		real-life	CP, constraint programming	Cplex		precedence, stochastic, completion-time, cyclic scheduling, multi-objective	bin-packing, cycle		scheduling, machine, order, task, resource	1078	n/a
AlesioBNG15 [24]	37	meta heuristic, genetic algorithm, Lagrangian relaxation, memetic algorithm	aircraft, satellite, telescope, automotive	benchmark, industrial partner	constraint optimization, constraint programming, CP, propagation	Cplex, Ilog Solver, OPL		multi-objective, open-shop, preempt, periodic, job-shop, distributed, preemptive, completion-time, Infeasible			order, machine, scheduling, resource, job, activity, task	1148	n/a
AlfieriGPS23 [25]	13	NEH, memetic algorithm, ant colony, meta heuristic, mat heuristic, particle swarm	surgery, patient	benchmark	constraint programming, propagation, CP	Cplex	single machine, parallel machine	stochastic, flow-time, completion-time, precedence, earliness, transportation, tardiness, make-span, inventory, flow-shop, Benders Decomposition, multi-objective, setup-time, single-machine scheduling, distributed, no-wait, job-shop			scheduling, machine, job, order, resource	970	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AntunesABD20 [30]	31	column generation, genetic algorithm, meta heuristic	workforce scheduling, maintenance scheduling	real-world, industrial partner	CP, COP, constraint programming	Cplex		precedence, earliness, transportation, periodic, planned maintenance, due-date, re-scheduling, Benders Decomposition, distributed, lateness, stochastic, Infeasible	bin-packing	electricity industry	scheduling, activity, order, task	1052	n/a
ArkhipovBL19 [37]	10	sweep, time-tabling		benchmark	constraint programming, propagation, constraint satisfaction, CP	Z3	parallel machine, Resource-constrained Project Scheduling Problem, psplib, RCPSP	cmax, preemptive, completion-time, release-date, precedence, job-shop, make-span, preempt, lateness, Infeasible	cycle, Cumulatives constraint, cumulative, disjunctive		task, scheduling, machine, job, order, resource	1079	n/a
ArtiguesF07 [44]	25	large neighborhood search, meta heuristic, edge-finding, genetic algorithm	semiconductor	benchmark	propagation, constraint satisfaction, constraint programming, CP	Ilog Scheduler	single machine, Resource-constrained Project Scheduling Problem	precedence, batch process, sequence dependent setup, make-span, preempt, cmax, tardiness, job-shop, preemptive, completion-time, setup-time, one-machine scheduling, Infeasible	cycle, disjunctive, Disjunctive constraint		order, machine, scheduling, resource, job	1255	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ArtiguesL14 [46]	17	energetic reasoning, lazy clause generation, column generation			propagation, constraint programming, CSP, CP		CECSP, CuSP, RCPSP	precedence, make-span, preempt, re-scheduling, due-date, transportation, release-date, preemptive, Infeasible	cumulative		task, order, scheduling, resource, activity	1161	n/a
ArtiguesLH13 [47]	11	energetic reasoning, column generation	electroplating, hoist	real-world	CP, constraint programming, CSP, constraint satisfaction, propagation	Cplex, OPL	CuSP, PMSP, parallel machine, single machine	setup-time, preempt, preemptive, release-date, precedence, periodic, tardiness, completion-time, due-date, make-span, unavailability, Infeasible	circuit, cumulative		order, resource, task, activity, scheduling, machine, job	1173	n/a
ArtiguesR00 [48]	20	simulated annealing			CP		RCMPSP, RCPSP	no preempt, lateness, precedence, make-span, preempt, cmax, re-scheduling, due-date, job-shop, transportation, release-date, completion-time, setup-time, earliness	cumulative, cycle, disjunctive		order, machine, scheduling, resource, job, activity	1302	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
AstrandJZ20 [53]	13	large neighborhood search, meta heuristic, genetic algorithm	robot	benchmark, real-world, real-life	constraint satisfaction, constraint programming, CP, propagation, CSP	Gecode	parallel machine, Resource-constrained Project Scheduling Problem	stochastic, precedence, flow-shop, make-span, completion-time, breakdown, periodic, re-scheduling, unavailability, due-date, open-shop, net present value, job-shop, setup-time, Infeasible	disjunctive, cycle, alldifferent, Disjunctive constraint	potash industry, mineral industry, mining industry	task, order, machine, job, activity, scheduling, resource	1053	n/a
AwadMDMT22 [54]	22	simulated annealing, meta heuristic, genetic algorithm	crew-scheduling	real-life, benchmark	propagation, CP, constraint programming	OPL, Cplex	parallel machine	cmax, tardiness, earliness, preempt, make-span, preemptive, job-shop, due-date, no-wait, flow-shop, completion-time, lateness, inventory, batch process, breakdown, precedence, release-date, stochastic, setup-time	cumulative, disjunctive, span constraint, noOverlap, endBefor-eStart, cycle, alternative constraint, alwaysIn	pharmaceutical industry	order, scheduling, task, machine, activity, resource, job	1000	n/a
BadicaBI20 [55]	17	meta heuristic	business process	benchmark, real-world	constraint programming, CLP, constraint logic programming, constraint satisfaction, propagation, CP	Gecode, ECLiPSe	psplib, Resource-constrained Project Scheduling Problem	precedence, make-span, manpower, distributed, completion-time, stochastic	bin-packing, Reified constraint, Arithmetic constraint, cycle		scheduling, task, machine, resource, activity, order	1054	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BajestaniB13 [58]	36	meta heuristic, reinforcement learning, machine learning	railway, maintenance scheduling, aircraft		propagation, CP, constraint programming, CSP	Cplex	single machine, parallel machine	transportation, tardiness, make-span, setup-time, preempt, single-machine scheduling, inventory, due-date, re-scheduling, Benders Decomposition, stochastic, breakdown, preemptive, precedence, earliness, Logic-Based Benders Decomposition, job-shop, periodic, reactive scheduling, Infeasible	GCC constraint, alwaysIn, circuit, IloPulse, Cardinality constraint, cumulative, IloAlwaysIn		scheduling, machine, job, order, resource	1174	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BajestaniB15 [59]	16	genetic algorithm, meta heuristic	railway, robot, semiconductor, maintenance scheduling	real-world	CP, constraint programming	Cplex	single machine	completion-time, tardiness, make-span, unavailability, planned maintenance, setup-time, preempt, single-machine scheduling, due-date, distributed, flow-shop, Benders Decomposition, stochastic, breakdown, flow-time, preemptive, precedence, sequence dependent setup, Logic-Based Benders Decomposition, job-shop, periodic	circuit, disjunctive, cumulative, Disjunctive constraint	semiconductor industry	scheduling, machine, activity, job, order, resource	1149	n/a
BandaSC11 [236]	18			benchmark, CSPlib, random instance	constraint optimization, CSP, CP, constraint programming	Ilog Solver		precedence			order, scheduling, task	1200	n/a
BaptisteB18 [64]	10	lazy clause generation, time-tabling, edge-finding, edge-finder, Lagrangian relaxation			CP, propagation, constraint satisfaction, constraint programming	CHIP	psplib, Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	preempt, manpower, preemptive, precedence, make-span	cumulative, bin-packing		machine, scheduling, job, resource, task, order	1102	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BaptisteP00 [69]	21	energetic reasoning, edge-finding, edge-finder		benchmark	CP, CSP, propagation, constraint satisfaction, constraint programming	Claire, CHIP, Ilog Scheduler	RCPSP	preempt, cmax, rescheduling, due-date, preemptive, job-shop, precedence, release-date, flow-shop, make-span	cumulative, Disjunctive constraint, disjunctive		scheduling, job, activity, resource, task, order	1303	1796
BaptistePN99 [66]	29	energetic reasoning, edge-finding		benchmark, real-life	constraint programming, CLP, propagation, constraint satisfaction, CP	Claire	Resource-constrained Project Scheduling Problem, CuSP, RCPSP	cmax, preemptive, release-date, precedence, due-date, flow-shop, re-scheduling, make-span, setup-time, preempt, job-shop	cumulative, disjunctive		task, activity, scheduling, machine, job, order, resource	1318	n/a
BartakCS10 [77]	31			real-life, real-world, benchmark	constraint satisfaction, propagation, CP, CSP	SICStus	RCPSP	job-shop, flow-shop, precedence, setup-time	disjunctive		scheduling, activity, resource, job, task, machine, order	1219	n/a
BartakS11 [78]	5			random instance, real-world, real-life	CSP, CP, propagation, constraint programming, constraint optimization, constraint satisfaction, COP	OPL	Resource-constrained Project Scheduling Problem	multi-agent, distributed, explanation	cumulative	software industry	resource, order, scheduling, task	1201	1786

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BartakSR08 [83]	11	not-last, meta heuristic, edge-finding, not-first	robot	real-life, real-world	constraint programming, CSP, constraint satisfaction, propagation, CP		single machine	precedence, release-date, stochastic, cmax, tardiness, lateness, preempt, make-span, preemptive, job-shop, flow-shop, completion-time, open-shop	Disjunctive constraint, cumulative, disjunctive		job, task, machine, order, scheduling, activity, resource	1246	n/a
BartakSR10 [79]	31	sweep, machine learning, not-last, meta heuristic, edge-finding, not-first	meeting scheduling, robot	real-life, real-world	constraint programming, CSP, CLP, constraint satisfaction, propagation, CP	CPO, Choco Solver, OPL	single machine, TCSP, Temporal Constraint Satisfaction Problem	precedence, release-date, stochastic, temporal constraint reasoning, cmax, tardiness, lateness, multi-agent, preempt, make-span, distributed, preemptive, job-shop, due-date, flow-shop, explanation, completion-time, open-shop	Disjunctive constraint, cumulative, disjunctive		job, task, machine, order, scheduling, activity, resource	1220	n/a
Beck07 [87]	29	systematic local search, machine learning, meta heuristic, genetic algorithm		benchmark	CP, propagation, constraint programming, constraint satisfaction	Ilog Scheduler		explanation, tardiness, flow-shop, precedence, stochastic, job-shop, periodic, make-span	disjunctive, Disjunctive constraint		order, activity, resource, job, scheduling, machine	1256	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeckDDF98 [89]	37	edge-finding, column generation, simulated annealing, genetic algorithm	robot, telescope	real-world	constraint satisfaction, COP, CSP, CP, propagation, constraint programming, constraint optimization, CLP	OPL	single machine	breakdown, release-date, make-span, distributed, due-date, preempt, precedence, tardiness, flow-time, reactive scheduling, earliness, preemptive, multi-agent, lateness, rescheduling, stochastic, inventory, job-shop, transportation	cumulative, disjunctive		activity, scheduling, task, job, machine, resource, order	1324	n/a
BeckF00 [97]	51	not-last, not-first, edge-finding	robot	real-world, benchmark	CLP, constraint programming, CSP, propagation, constraint satisfaction, CP		single machine	precedence, job-shop, explanation, due-date, preempt, release-date, stochastic, make-span, transportation, preemptive, reactive scheduling, inventory, Over-constrained	disjunctive, cumulative, Disjunctive constraint, Cardinality constraint		task, machine, activity, resource, job, order, scheduling	1304	n/a
BeckF00a [96]	40	not-last, not-first, edge-finding	robot	real-world	constraint programming, constraint satisfaction, propagation, CSP, CP, CLP	Ilog Solver, Ilog Scheduler		job-shop, stochastic, make-span, explanation, distributed, precedence, re-scheduling, Over-constrained	disjunctive, Disjunctive constraint, cumulative		activity, resource, order, scheduling, machine, job, task	1305	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeckF98 [94]	30	deep learning, machine learning, simulated annealing, genetic algorithm, column generation, edge-finding	robot, business process	real-world, benchmark	CLP, CSP, COP, propagation, constraint satisfaction, CP		single machine	precedence, job-shop, explanation, due-date, preempt, re-scheduling, release-date, tardiness, make-span, preemptive, multi-agent, distributed, inventory	disjunctive, circuit, cumulative		task, machine, activity, resource, job, order, scheduling	1325	n/a
BeckFW11 [93]	14	machine learning, meta heuristic, simulated annealing, reinforcement learning		benchmark, real-world	constraint programming, constraint satisfaction, propagation, CP	Ilog Scheduler		cmax, breakdown, job-shop, preempt, periodic, make-span, explanation, precedence, completion-time	disjunctive, table constraint, cumulative		resource, order, scheduling, machine, job	1202	n/a
BeckR03 [99]	23	genetic algorithm, column generation, edge-finder	hoist	benchmark	constraint programming, constraint logic programming, propagation, constraint satisfaction, CP	Ilog Scheduler, Ilog Solver, Cplex		job-shop, explanation, due-date, re-scheduling, completion-time, earliness, release-date, tardiness, make-span, flow-time, breakdown, inventory, flow-shop, precedence	disjunctive		machine, activity, resource, job, order, scheduling	1281	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeckW07 [102]	50	column generation, edge-finder, edge-finding	robot, telescope	benchmark	constraint programming, propagation, constraint optimization, CP	Ilog Scheduler	RCPSP, single machine, Resource-constrained Project Scheduling Problem	job-shop, explanation, multi-objective, preempt, re-scheduling, no preempt, tardiness, stochastic, make-span, flow-time, reactive scheduling, distributed, flow-shop, precedence	Balance constraint		task, machine, activity, resource, job, order, scheduling	1257	n/a
Bedhief21 [103]	7	meta heuristic, genetic algorithm	robot, medical	real-life	propagation, constraint programming, CP	Cplex, OPL	single machine, parallel machine, HFS	preempt, setup-time, no-wait, make-span, sequence dependent setup, due-date, flow-shop, tardiness, completion-time, release-date, no preempt, transportation, Infeasible	noOverlap		scheduling, machine, job, order	1032	n/a
BegB13 [104]	23		pipeline	benchmark	CP, propagation, constraint programming		TMS	re-scheduling, breakdown, completion-time, distributed	cycle		resource, scheduling, machine, task, order	1175	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeldiceanuC94 [111]	27		car manufacturing, pipeline	real-world, benchmark, real-life	CP, propagation, constraint logic programming	CHIP, CPO, OZ, OPL		precedence, completion-time	circuit, Element constraint, Among constraint, Atmost constraint, diffn, Arithmetic constraint, cycle, bin-packing, cumulative, alldifferent		task, scheduling, machine, resource, order	1343	n/a
BeldiceanuCDP11 [109]	24	sweep, energetic reasoning, edge-finding	rectangle-packing, perfect-square	benchmark	constraint programming, propagation, CP	SICStus, CHIP		cmax, preemptive, preempt	disjunctive, diffn, bin-packing, geost, cumulative		scheduling, task, resource, order	1203	n/a
BelhadjiI98 [113]	9			real-life	CSP, constraint satisfaction		JSSP, Temporal Constraint Satisfaction Problem, TCSP	explanation, due-date, job-shop, precedence, release-date, preemptive, preempt	Disjunctive constraint, disjunctive		job, scheduling, resource, task, order, machine	1326	1801
BenediktMH20 [116]	19		robot	benchmark, generated instance, random instance, github	propagation, CP, constraint programming	Gurobi	single machine	preemptive, sustainability, energy efficiency, re-scheduling, preempt, single-machine scheduling, job-shop, Infeasible	noOverlap, endBeforeStart		task, scheduling, machine, job, order	1056	1746

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BeniniLMR11 [123]	27	column generation, machine learning	pipeline	real-world, benchmark, instance generator	CP, propagation, CSP, constraint programming	Cplex, Ilog Scheduler	SCC, single machine	one-machine scheduling, Benders Decomposition, Logic-Based Benders Decomposition, precedence, make-span, preempt, tardiness, periodic, re-scheduling, explanation, release-date, energy efficiency, preemptive, Infeasible, Over-constrained	table constraint, circuit, cumulative		task, order, machine, scheduling, resource, activity	1204	n/a
BensanaLV99 [125]	7		satellite, earth observation	benchmark	constraint satisfaction, constraint programming, CP, CSP, constraint optimization	Ilog Solver, Cplex		explanation	cycle		order	1319	1800
BidotVLB09 [130]	30	edge-finder, edge-finding	telescope, robot	real-world, real-life	propagation, CP, constraint programming	Ilog Scheduler, OPL	Resource-constrained Project Scheduling Problem, JSSP	job-shop, due-date, inventory, breakdown, re-scheduling, reactive scheduling, precedence, release-date, stochastic, tardiness, make-span, periodic, distributed, Infeasible	cumulative, disjunctive		activity, order, job, scheduling, task, machine, resource	1234	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BlazewiczDP96 [173]	33	neural network, edge-finding, simulated annealing, machine learning, energetic reasoning, Lagrangian relaxation, genetic algorithm	robot	benchmark	CSP, CP, constraint satisfaction, constraint programming, propagation	CHIP, OPL	single machine, parallel machine	stochastic, due-date, distributed, preempt, make-span, precedence, preemptive, flow-shop, no-wait, lateness, inventory, job-shop, setup-time, release-date, one-machine scheduling, completion-time, single-machine scheduling	disjunctive, cumulative, cycle, Disjunctive constraint		task, activity, scheduling, machine, resource, job, order	1336	n/a
BlomBPS14 [135]	19	MINLP	offshore	benchmark, industry partner	CP	Cplex		net present value, stochastic, transportation, Benders Decomposition, distributed, precedence	disjunctive	mineral industry	task, order, resource, scheduling	1162	n/a
BlomPS16 [136]	26	genetic algorithm, Lagrangian relaxation, MINLP	pipeline, offshore	industry partner, benchmark	CP	Cplex		distributed, precedence, producer/consumer, batch process, rescheduling, transportation, Infeasible	disjunctive	process industry	activity, resource, order, scheduling, machine, task	1132	n/a
BocewiczBB09 [137]	19	not-last	robot		CLP, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming			precedence, transportation, periodic, tardiness, multi-agent, distributed, job-shop, completion-time	cycle		scheduling, machine, job, order, resource, task	1235	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BockmayrP06 [140]	10			real-world	constraint programming, CLP, CP, propagation	CHIP		due-date, release-date, completion-time, Infeasible	cycle, cumulative		scheduling, resource, task, order, machine	1264	n/a
Bonfietti16 [146]	13		pipeline	benchmark	constraint programming, CP			distributed, precedence, periodic	cumulative, disjunctive, circuit		activity, scheduling, resource, task, order	1133	n/a
BonfiettiLBM14 [149]	28	time-tabling, sweep	hoist, medical, pipeline, robot	benchmark, real-world, generated instance, industrial instance	CSP, constraint satisfaction, propagation, constraint programming, CP	Ilog Solver	Partial Order Schedule, RCPSP	precedence, buffer-capacity, distributed, make-span, cyclic scheduling, periodic, job-shop, Infeasible	cycle, circuit, cumulative		task, activity, machine, scheduling, order, resource, job	1163	n/a
BoothTNB16 [156]	8		robot	real-world, random instance	constraint logic programming, propagation, CP, constraint programming	OPL, Cplex	parallel machine	job-shop, completion-time, setup-time, Infeasible	noOverlap, Disjunctive constraint, cumulative, disjunctive		scheduling, task, machine, activity, resource, job, order	1134	n/a
BorghesiBLMB18 [157]	13	machine learning	high performance computing, supercomputer	real-life, benchmark	constraint programming, CP, propagation, constraint satisfaction			distributed, make-span, re-scheduling, Infeasible	cycle, cumulative		scheduling, order, activity, machine, job, resource, task	1103	n/a
BosiM2001 [158]	26	meta heuristic, edge-finding	crew-scheduling	real-life, real-world	constraint satisfaction, CP, propagation, constraint programming, CLP, constraint logic programming	Ilog Scheduler, CHIP	single machine	explanation, single-machine scheduling, precedence, make-span, due-date, cmax, release-date, one-machine scheduling, job-shop, Infeasible	cumulative, Among constraint		scheduling, machine, order, task, resource, job	1296	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BourreauGGLT22 [162]	19	large neighborhood search, meta heuristic, column generation, genetic algorithm	workforce scheduling, crew-scheduling, maintenance scheduling, airport, nurse	real-world, benchmark	CP, constraint programming	Choco Solver, CHIP, Cplex		re-scheduling, manpower, no-wait, precedence, transportation	disjunctive, alldifferent, diffn, Disjunctive constraint, cycle	printing industry	scheduling, order, resource, job	1001	n/a
BridiBLMB16 [166]	14	large neighborhood search, meta heuristic, genetic algorithm, machine learning	medical, supercomputer	real-world, real-life	CP, propagation, constraint programming			energy efficiency, make-span, tardiness, re-scheduling, sustainability, distributed, stochastic, Pareto, Infeasible	circuit, cycle, cumulative		machine, order, job, scheduling, resource, activity	1135	n/a
BruckerK00 [169]	8	meta heuristic, column generation		benchmark	propagation, CP	Cplex	RCPSP, Resource-constrained Project Scheduling Problem, psplib	make-span, cmax, preempt, no preempt, preemptive, completion-time, precedence, release-date			resource, activity, order, scheduling	1306	n/a
BukchinR18 [171]	12	machine learning, time-tabling	robot	benchmark	constraint programming, CP	Cplex		precedence, Infeasible	cycle, bin-packing		scheduling, task, machine, job, order	1104	n/a
BulckG22 [857]	11	memetic algorithm, meta heuristic, time-tabling, large neighborhood search	round-robin, travelling tournament problem, tournament, sports scheduling	real-life, benchmark	CP, constraint programming	Gurobi, Cplex		Logic-Based Benders Decomposition, distributed, unavailability, Benders Decomposition, Infeasible			order, scheduling	1002	n/a
Caballero23 [175]	1				CP		Resource-constrained Project Scheduling Problem, RCPSP				scheduling, resource	971	1715

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
CampeauG22 [178]	18	column generation, edge-finding		real-life, real-world	CP, constraint programming	Cplex	RCPSP, Resource-constrained Project Scheduling Problem, RCPSPDC	explanation, completion-time, precedence, stochastic, make-span, net present value	noOverlap, endBeforeStart, cumulative, alwaysIn, cycle	mining industry	activity, order, job, scheduling, task, resource	1003	1733
CarchraeB09 [181]	26	reinforcement learning, meta heuristic, machine learning, sweep, large neighborhood search		benchmark, real-world	constraint programming, CP, propagation, constraint satisfaction	Ilog Scheduler, OPL		make-span, tardiness, job-shop, explanation, earliness, precedence, Infeasible	cumulative		order, machine, scheduling, resource, job, task	1236	n/a
CarlierPSJ20 [187]	9	energetic reasoning		Roadef	CP, constraint programming, propagation		CuSP, RCPSP	make-span, preempt, preemptive, release-date, job-shop, cmax, Infeasible	cumulative		scheduling, machine, job, order, resource, task	1057	n/a
CarlssonJL17 [189]	11	lazy clause generation, time-tabling	sports scheduling, travelling tournament problem, tournament, round-robin	github, benchmark, random instance	constraint programming, CSP, constraint satisfaction, propagation, COP, CP, constraint optimization	Gecode, MiniZinc, CHIP, Chuffed		explanation, Infeasible	Cardinality constraint, regular expression, Channeling constraint, alldifferent, AllDiff constraint, table constraint		task, activity, scheduling, machine, order	1120	1768

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
CauwelaertDS20 [197]	19	edge-finding, Lagrangian relaxation, not-last, not-first	patient, container terminal	real-life, generated instance, benchmark, bitbucket	constraint programming, CP, constraint logic programming, CLP, propagation			completion-time, preemptive, job-shop, batch process, sequence dependent setup, precedence, transportation, make-span, preempt, setup-time, Infeasible, Unsatisfiable	cycle, Cardinality constraint, cumulative, disjunctive		resource, job, task, activity, machine, scheduling, order	1058	1747
CauwelaertLS18 [196]	36	meta heuristic, time-tabling, sweep, large neighborhood search, not-last, not-first, energetic reasoning, edge-finding		benchmark, bitbucket	CSP, propagation, constraint programming, CP, constraint logic programming	OPL, Gecode, CHIP	RCPSP, Resource-constrained Project Scheduling Problem, psplib	job-shop	bin-packing, table constraint, circuit, alldifferent, cumulative, disjunctive, Reified constraint, GCC constraint		task, activity, machine, scheduling, order, resource, job	1105	1763

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ChenGPSH10 [203]	10	particle swarm, not-last, energetic reasoning, genetic algorithm, time-tabling, neural network		real-life	constraint programming, CSP, constraint optimization, constraint satisfaction, propagation, COP, CP	Ilog Scheduler, Ilog Solver	JSSP	precedence, Benders Decomposition, stochastic, open-shop, re-scheduling, preempt, manpower, make-span, job-shop, due-date, completion-time, lateness, producer/consumer, preemptive, transportation, Infeasible, Over-constrained	Disjunctive constraint, cumulative, disjunctive, diffn, cycle	semiprocess industry, chemistry industry, process industry, chemical industry	activity, job, order, scheduling, task, machine, resource	1221	n/a
CilKLO22 [208]	19	genetic algorithm, memetic algorithm, edge-finding, meta heuristic, ant colony, particle swarm, simulated annealing	robot, tournament	generated instance, real-life, real-world, benchmark	CP, CLP, constraint programming, constraint satisfaction, propagation	Ilog Solver, Cplex, Z3, OPL		explanation, setup-time, sustainability, precedence, multi-objective, completion-time, stochastic, Infeasible	table constraint, noOverlap, endBeforeStart, cycle		order, machine, job, resource, scheduling, task, activity	1004	n/a
CireCH16 [210]	12	mat heuristic			constraint programming, constraint satisfaction, CP	Cplex		tardiness, Benders Decomposition, stochastic, Logic-Based Benders Decomposition, make-span, breakdown, Infeasible	cumulative		scheduling, task, order, resource	1136	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ClautiauxJCM08 [211]	16	sweep, energetic reasoning		benchmark	constraint programming, CP, propagation	Z3, SICStus		preempt, preemptive	bin-packing, disjunctive, cumulative, Disjunctive constraint		scheduling, order, activity, job, resource, task	1247	n/a
CobanH11 [215]	28	time-tabling	round-robin, tournament, sports scheduling	random instance	CP, constraint logic programming, CLP, constraint programming, propagation	OPL, Cplex	single machine	stochastic, make-span, distributed, due-date, re-scheduling, preemptive, completion-time, release-date, tardiness, Benders Decomposition, Logic-Based Benders Decomposition, preempt, Infeasible	cumulative, circuit, noOverlap		resource, order, scheduling, machine, job, task	1205	n/a
ColT2019a [223]	7	machine learning, genetic algorithm, large neighborhood search		benchmark, github, real-world	propagation, constraint programming, CLP, constraint satisfaction, CP	OPL, CPO, MiniZinc, OR-Tools	PTC	open-shop, job-shop, make-span, earliness	noOverlap, cumulative		order, resource, job, scheduling, machine	1080	1757

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ColT22 [224]	19	machine learning, genetic algorithm, particle swarm, memetic algorithm, simulated annealing, large neighborhood search	robot, semiconductor, oven scheduling	supplementary material, benchmark, generated instance, github, real-life, real-world	constraint programming, constraint satisfaction, constraint logic programming, COP, CLP, CP, CSP, propagation	OR-Tools, CPO, OPL, MiniZinc, Cplex	Open Shop Scheduling Problem, FJS, single machine, PMSP, JSSP, OSSP, parallel machine	setup-time, batch process, breakdown, job-shop, one-machine scheduling, completion-time, make-span, no preempt, due-date, distributed, preempt, explanation, preemptive, multi-objective, open-shop, lateness, tardiness, transportation, flow-shop, precedence	alldifferent, circuit, cumulative, noOverlap, Arithmetic constraint, disjunctive		scheduling, machine, task, order, resource, job	1005	1734
CorreaLR07 [220]	20	column generation	workforce scheduling, container terminal	real-world	constraint logic programming, constraint satisfaction, constraint programming, propagation, CP, CSP	OPL, Cplex, Choco Solver, Ilog Solver	parallel machine	make-span, Logic-Based Benders Decomposition, precedence, Benders Decomposition, transportation, release-date, Infeasible	disjunctive	heavy industry	task, machine, order, scheduling	1258	n/a
CzerniachowskaWZ23 [222]	14	meta heuristic, particle swarm	robot, automotive	real-world, benchmark, Roadef	constraint programming, constraint satisfaction, CP	CPO, OPL, Cplex	JSSP, PTC, parallel machine	periodic, make-span, transportation, flow-shop, job-shop, sustainability, multi-objective, Pareto, setup-time, completion-time	endBeforeStart, noOverlap	pharmaceutical industry, manufacturing industry, automotive industry	activity, task, resource, scheduling, machine, order, job	972	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Darby-DowmanLMZ97 [228]	20		pipeline, workforce scheduling, aircraft	benchmark, real-life, real-world	constraint logic programming, CLP, CP, propagation, CSP, constraint programming	ECLiPSe, Cplex	single machine, MGAP	make-span, Infeasible	disjunctive, Element constraint, span constraint, Disjunctive constraint		scheduling, resource, order, machine, task	1331	1803
Davis87 [231]	51		robot		constraint satisfaction, CP, propagation			Infeasible	disjunctive, circuit, cycle		machine, task, job, order, scheduling	1350	n/a
DemasseyAM05 [242]	14	edge-finding, energetic reasoning, Lagrangian relaxation, column generation		benchmark	CP, CSP, constraint logic programming, constraint programming, propagation, constraint satisfaction	Cplex	Resource-constrained Project Scheduling Problem, psplib, RCPSP, single machine	preempt, preemptive, completion-time, release-date, precedence, job-shop, make-span, Infeasible	cumulative, disjunctive, cycle		order, resource, task, activity, scheduling, machine, job	1272	n/a
DincbasSH90 [252]	19			real-life	constraint programming, CLP, constraint logic programming, propagation	CHIP, OPL		job-shop, distributed, precedence, Infeasible	Disjunctive constraint, disjunctive, circuit		job, task, order, machine, scheduling, resource	1349	n/a
Dorndorf2000 [258]	52	edge-finding, energetic reasoning			constraint optimization, constraint logic programming, constraint programming, CSP, constraint satisfaction, propagation, COP	Ilog Scheduler	parallel machine, OSP, Open Shop Scheduling Problem, single machine	explanation, setup-time, preempt, single-machine scheduling, due-date, open-shop, stochastic, breakdown, preemptive, precedence, sequence dependent setup, job-shop, cmax, completion-time, make-span, Infeasible	disjunctive, cumulative, Disjunctive constraint		order, resource, task, scheduling, machine, job	1307	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
DoulabiRP16 [260]	17	genetic algorithm, column generation	medical, patient, nurse, operating room, rectangle-packing, surgery, steel mill, crew-scheduling, robot	real-world, generated instance	constraint programming, CP, propagation	Cplex, OPL	single machine	distributed, transportation, stochastic, single-machine scheduling, Infeasible	cycle, bin-packing, Element constraint		scheduling, resource, order, machine	1137	n/a
Edis21 [263]	20	MINLP, simulated annealing, meta heuristic, genetic algorithm, particle swarm, ant colony, reinforcement learning	crew-scheduling, medical, robot	benchmark	propagation, constraint optimization, constraint programming, COP, CP, CSP	Cplex, Z3, OPL		precedence, stochastic, Pareto, distributed, preempt, preemptive, multi-objective	disjunctive, cycle		resource, job, scheduling, task, order	1034	n/a
ElciOH22 [268]	15		patient, crew-scheduling, aircraft, operating room, surgery	benchmark, random instance, real-life	propagation, constraint programming, CP, constraint logic programming	Cplex	single machine	due-date, tardiness, Benders Decomposition, transportation, stochastic, Logic-Based Benders Decomposition, make-span, single-machine scheduling, distributed, Infeasible	cumulative, disjunctive		resource, order, scheduling, job, task, machine	1006	n/a
ElfJR03 [269]	7	time-tabling	round-robin, break minimization problem, tournament, sports scheduling	real-world, random instance	constraint programming, CP	Cplex			circuit		task, machine, order, scheduling	1282	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
EmdeZD22 [274]	30		pipeline, drone, semiconductor, yard crane, automotive	github, random instance	constraint logic programming, constraint programming, constraint satisfaction, CP	Cplex	single machine, parallel machine	flow-time, distributed, inventory, precedence, batch process, no-wait, release-date, transportation, tardiness, Benders Decomposition, completion-time, open-shop, stochastic, job-shop, Logic-Based Benders Decomposition, make-span, single-machine scheduling, bi-objective, Infeasible	noOverlap, bin-packing	automotive industry	resource, order, machine, job, scheduling, task	1007	1735

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
EmeretlisTAV17 [275]	24	edge-finding, machine learning, meta heuristic, genetic algorithm	pipeline	real-life, generated instance	constraint programming, CP, constraint optimization, propagation			stochastic, Logic-Based Benders Decomposition, completion-time, re-scheduling, periodic, explanation, sequence dependent setup, precedence, release-date, tardiness, distributed, multi-objective, make-span, Benders Decomposition, preempt, setup-time, Infeasible, Over-constrained	cycle, circuit, disjunctive		resource, job, task, machine, scheduling, order	1121	n/a
EscobetPQPRA19 [279]	10	MINLP, meta heuristic	energy-price, dairy		constraint programming, CP, constraint satisfaction	OPL, Cplex		release-date, Pareto, distributed, multi-objective, due-date, reactive scheduling, periodic, job-shop, batch process	cycle, alternative constraint, noOverlap, circuit	food industry, manufacturing industry, dairy industry	task, activity, machine, scheduling, order, resource, job	1082	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
EtminaniesfahaniGNMS22 [282]	10	lazy clause generation, memetic algorithm, mat heuristic, ant colony, Lagrangian relaxation, meta heuristic, large neighborhood search, particle swarm, genetic algorithm	crew-scheduling, aircraft	real-world	CP, constraint programming	Cplex, OR-Tools	RCPSP, Resource-constrained Project Scheduling Problem, psplib, parallel machine	earliness, cmax, open-shop, preemptive, job-shop, preempt, precedence, tardiness, net present value, stochastic, make-span			order, resource, job, machine, activity, task, scheduling	1008	n/a
EvenSH15a [284]	16	ant colony, mat heuristic, meta heuristic, column generation, sweep	emergency service, evacuation	real-world, real-life	constraint programming, CP	Choco Solver, OPL		distributed, transportation, Benders Decomposition, preempt, preemptive, completion-time	disjunctive, Disjunctive constraint, cumulative		resource, order, scheduling, task, machine	1150	n/a
FachiniA20 [285]	18	meta heuristic, sweep, large neighborhood search, particle swarm, column generation, mat heuristic, simulated annealing	robot, operating room, satellite	supplementary material, real-world, github, benchmark, real-life	CP, constraint programming, constraint logic programming	Gurobi, OR-Tools	HFF	distributed, Logic-Based Benders Decomposition, transportation, Benders Decomposition, inventory, Infeasible	cycle, cumulative		resource, order, scheduling, task, machine	1059	1748

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FahimiOQ18 [287]	22	time-tabling, not-first, sweep, edge-finding, not-last, lazy clause generation		benchmark, random instance	propagation, CP, constraint programming, constraint satisfaction	Choco Solver	Resource-constrained Project Scheduling Problem, psplib, RCPSP	explanation, completion-time, batch process, open-shop, precedence, setup-time, make-span, lateness, preempt, sequence dependent setup, distributed, preemptive, job-shop, due-date, Unsatisfiable	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, alldifferent, Cumulatives constraint		order, job, scheduling, task, machine, resource	1106	1764
FalaschiGMP97 [289]	27				constraint programming, constraint logic programming, CLP			Unsatisfiable	Arithmetic constraint		scheduling, order	1332	n/a
FallahiAC20 [290]	18	Lagrangian relaxation, sweep, simulated annealing, memetic algorithm, large neighborhood search, column generation, neural network, meta heuristic	nurse, container terminal, workforce scheduling, robot, medical	real-life, github	COP, constraint logic programming, propagation, constraint satisfaction, constraint programming, CP, CSP, constraint optimization	OR-Tools		transportation, Infeasible	cycle		resource, task, order, scheduling	1060	1749

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FanXG21 [292]	15	simulated annealing, neural network, ant colony, max-flow, machine learning, meta heuristic	semiconductor, tournament	benchmark	CP	Cplex, ECLiPSe, Gurobi	single machine, parallel machine	tardiness, multi-objective, stochastic, completion-time, no preempt, breakdown, flow-shop, make-span, flow-time, reactive scheduling, batch process, distributed, precedence, setup-time, job-shop, unavailability, due-date, preempt, earliness, one-machine scheduling	cycle	manufacturing industry	task, resource, job, order, machine, scheduling	1035	n/a
FarsiTM22 [293]	14	time-tabling, ant colony, genetic algorithm, meta heuristic	physician, nurse, patient, operating room, surgery, robot, medical	supplementary material	CP, constraint programming	Cplex		tardiness, earliness, re-scheduling, stochastic, Benders Decomposition, completion-time, multi-objective, periodic, Logic-Based Benders Decomposition, distributed, bi-objective, continuous-process, Pareto, no-wait, make-span, Infeasible	alldifferent, circuit		task, resource, scheduling	1009	1736

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Fatemi-AnarakiTFV23 [294]	15	ant colony, mat heuristic, meta heuristic, time-tabling	electroplating, COVID, robot, hoist, semiconductor	random instance, github, real-world	CP, constraint programming, propagation	Cplex, OPL	parallel machine, single machine	multi-agent, cmax, no-wait, completion-time, re-scheduling, distributed, job-shop, single-machine scheduling, breakdown, transportation, setup-time, cyclic scheduling, make-span, Infeasible	bin-packing, circuit, cycle, disjunctive	food industry	machine, resource, order, scheduling, job, task	974	1716
FetgoD22 [298]	32	not-first, not-last, edge-finding, lazy clause generation, edge-finder, time-tabling, energetic reasoning, sweep		real-world, benchmark	CP, constraint optimization, COP, CSP, constraint programming, constraint satisfaction, propagation	CHIP, Choco Solver	Resource-constrained Project Scheduling Problem, RCPSP, CuSP	explanation, preempt, make-span, precedence, cmax, completion-time	cumulative		resource, order, scheduling, task	1010	n/a
ForbesHJST24 [303]	15	genetic algorithm	emergency service, surgery, airport, patient, operating room	benchmark, real-life, github	constraint satisfaction, propagation, CP, constraint logic programming, constraint programming	Gurobi, OPL		Logic-Based Benders Decomposition, job-shop, re-scheduling, make-span, distributed, Benders Decomposition, stochastic, release-date, Infeasible	cumulative		scheduling, machine, job, order, resource, task	960	1708

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
FrimodigECM23 [311]	38	large neighborhood search, lazy clause generation, column generation	patient, nurse, surgery, radiation therapy, medical, operating room, physician	real-world, benchmark, instance generator	CP, propagation, constraint satisfaction, constraint programming	Chuffed, Cplex, Gecode, MiniZinc		unavailability, setup-time, Pareto, stochastic, distributed, multi-objective	bin-packing, cumulative		scheduling, task, activity, machine, resource, order	975	n/a
GarridoAO09 [320]	30		airport	benchmark	CP, propagation, constraint satisfaction, CSP, constraint programming	OPL, Choco Solver, CPO		multi-objective, re-scheduling, precedence, make-span, explanation	disjunctive		task, order, scheduling, resource	1237	n/a
GarridoOS08 [321]	11			real-world	CSP, constraint programming, CP, propagation, constraint satisfaction	CPO, Choco Solver		explanation, make-span			scheduling, resource, activity, task, order, machine	1248	n/a
GedikKBR17 [327]	18	meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing	medical, tournament, nurse	real-world, benchmark	constraint programming, propagation, CP	OR-Tools, Cplex, Gecode	parallel machine	sequence dependent setup, explanation, setup-time, transportation, Infeasible	alternative constraint, cumulative, noOverlap		resource, order, job, scheduling, task, machine	1122	n/a
GedikKEK18 [326]	11	meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing, genetic algorithm	medical, nurse, sports scheduling	benchmark	constraint programming, propagation, CP	Cplex	parallel machine, single machine, PMSP	preemptive, completion-time, stochastic, setup-time, breakdown, multi-objective, transportation, make-span, cmax, due-date, tardiness, preempt, sequence dependent setup, Infeasible	cumulative, noOverlap	manufacturing industry	resource, order, job, scheduling, task, machine	1107	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GhandehariK22 [338]	16	column generation, meta heuristic	patient, surgery, COVID, medical, crew-scheduling, operating room	real-world, generated instance	CP, constraint satisfaction, constraint programming	Cplex, OPL		precedence, re-scheduling, cyclic scheduling, lateness, job-shop, setup-time, completion-time, tardiness, earliness, stochastic, multi-objective	disjunctive, bin-packing, noOverlap		task, activity, scheduling, machine, resource, job, order	1011	n/a
GoelSHFS15 [346]	12	large neighborhood search	pipeline		constraint programming, propagation, CP	OPL, Cplex, CPO		precedence, inventory, setup-time, unavailability, transportation, Infeasible	cumulative, disjunctive, noOverlap, alwaysEqual constraint, alwaysIn	gas industry, transportation industry	order, scheduling, task, machine, activity, resource	1151	n/a
GokPTGO23 [348]	36	machine learning, genetic algorithm, meta heuristic, reinforcement learning, large neighborhood search	offshore, workforce scheduling, airport, aircraft	real-world, github	constraint satisfaction, CP, propagation, constraint programming	OPL	RCPSP, Resource-constrained Project Scheduling Problem	completion-time, multi-objective, distributed, bi-objective, setup-time, Pareto, precedence, make-span, tardiness, multi-agent, re-scheduling, stochastic, inventory, job-shop, transportation, Infeasible	circuit, alldifferent, disjunctive, cumulative, cycle	airline industry	order, activity, task, resource, job, scheduling, machine	977	1717

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GokgurHO18 [349]	17	mat heuristic, not-last, meta heuristic, edge-finding, energetic reasoning, genetic algorithm, not-first	robot, semiconductor	real-life, real-world	CLP, constraint satisfaction, propagation, CP, constraint programming, CSP	OPL, CHIP	parallel machine, single machine	setup-time, cmax, tardiness, earliness, preempt, make-span, preemptive, job-shop, due-date, flow-shop, explanation, completion-time, transportation, precedence, release-date, Infeasible	cumulative, disjunctive, alternative constraint, Channeling constraint, Disjunctive constraint		task, machine, order, scheduling, activity, resource, job	1108	n/a
GoldwaserS18 [351]	32	sweep, column generation, lazy clause generation, simulated annealing, time-tabling	torpedo	github, instance generator, benchmark, generated instance	constraint programming, propagation, CP, constraint optimization	Gurobi, CHIP, Gecode, Chuffed		Logic-Based Benders Decomposition, transportation, explanation, due-date, flow-shop, Benders Decomposition, Infeasible, Unsatisfiable	cumulative	steel industry	order, resource, task, scheduling, machine	1109	1765

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GombolayWS18 [353]	20	simulated annealing, genetic algorithm, edge-finding, meta heuristic	robot, patient, aircraft, crew-scheduling	real-world, instance generator, benchmark	propagation, CP, constraint programming, constraint satisfaction	OPL, Gurobi	Resource-constrained Project Scheduling Problem, OSP	re-scheduling, open-shop, make-span, breakdown, setup-time, multi-agent, preempt, distributed, flow-shop, Benders Decomposition, preemptive, precedence, Logic-Based Benders Decomposition, job-shop, periodic, completion-time, Infeasible	cumulative, disjunctive		scheduling, machine, job, order, resource, task	1110	n/a
GomesM17 [355]	10	genetic algorithm, meta heuristic, simulated annealing, Lagrangian relaxation, ant colony			CP	Cplex	parallel machine, PMSP, single machine	Pareto, Logic-Based Benders Decomposition, inventory, setup-time, make-span, single-machine scheduling, distributed, release-date, due-date, tardiness, Benders Decomposition, completion-time, transportation, stochastic, Infeasible	cycle		machine, resource, order, scheduling, job	1123	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GrimesH15 [360]	17	genetic algorithm, not-first, meta heuristic, not-last, simulated annealing, time-tabling, large neighborhood search, particle swarm, memetic algorithm, edge-finding	semiconductor	real-world, benchmark	CSP, CP, propagation, constraint programming, constraint optimization, constraint satisfaction, COP	Choco Solver, Mistral, Ilog Scheduler, CPO	OSP, Open Shop Scheduling Problem, JSSP	preempt, flow-shop, setup-time, no-wait, precedence, make-span, tardiness, earliness, preemptive, sequence dependent setup, due-date, batch process, cmax, lateness, job-shop, open-shop, completion-time, release-date, distributed, Unsatisfiable	noOverlap, disjunctive, IloNoOverlap, cumulative, Balance constraint, endBeforeStart, Disjunctive constraint	semiconductor industry	job, scheduling, machine, order, task, resource	1152	n/a
GrimesIOS14 [362]	16	machine learning	energy-price, real-time pricing, HVAC	real-world, real-life	CP, constraint programming	Cplex, CHIP		completion-time, preempt, periodic, rescheduling, sustainability, due-date, distributed, stochastic, preemptive	disjunctive		machine, activity, scheduling, resource, task, order	1164	n/a
Gronkvist06 [366]	17	column generation, Lagrangian relaxation	aircraft, crew-scheduling, railway, airport	real-world	CP, CSP, constraint logic programming, propagation, constraint satisfaction, constraint programming	Ilog Solver, Cplex		transportation, Infeasible	cycle, GCC constraint, Cardinality constraint		scheduling, activity, resource, order	1265	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GuoZ23 [373]	29	machine learning, column generation, ant colony	railway, drone, medical, physician, operating room, patient, vaccine, COVID, automotive	real-world, supplementary material, benchmark, github	constraint programming, constraint optimization, CP	Cplex, Gurobi, SCIP, OPL	parallel machine	sequence dependent setup, setup-time, stochastic, Benders Decomposition, inventory, job-shop, unavailability, make-span, Logic-Based Benders Decomposition, transportation, distributed, multi-objective, Infeasible	bin-packing, cycle, Balance constraint	automotive industry, garment industry	activity, resource, job, scheduling, machine, task, order	979	1718
GurEA19 [937]	24	meta heuristic, ant colony, Lagrangian relaxation	medical, surgery, patient, operating room	real-life	CP, constraint programming	Cplex		multi-objective, stochastic, re-scheduling, completion-time, Pareto, distributed, job-shop		service industry	order, scheduling, resource, job	1083	n/a
GurPAE23 [374]	25	neural network, meta heuristic, machine learning	patient, operating room, physician, surgery, nurse, COVID	real-life	constraint programming, propagation, CP	Cplex, OPL		re-scheduling, multi-objective, bi-objective, stochastic, distributed, inventory	cumulative		order, scheduling, machine, resource	980	1719

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
GuyonLPR12 [375]	25	time-tabling, column generation, Lagrangian relaxation, energetic reasoning	satellite	generated instance, benchmark, instance generator	CP, COP, constraint programming	Cplex	parallel machine, single machine	precedence, Benders Decomposition, cmax, release-date, preempt, manpower, unavailability, make-span, Logic-Based Benders Decomposition, preemptive, job-shop, flow-shop, completion-time	disjunctive, cycle		order, scheduling, task, machine, resource, activity, job	1185	n/a
HachemiGR11 [376]	16	column generation, meta heuristic	forestry, crew-scheduling		constraint programming, CP, propagation, constraint satisfaction	OPL, Cplex, Ilog Scheduler		precedence, make-span, Benders Decomposition, Logic-Based Benders Decomposition, explanation, job-shop, transportation	GCC constraint, Cardinality constraint, alldifferent, cycle	food industry, airline industry, forest industry	task, order, scheduling, resource, job, activity	1207	n/a
Ham18 [383]	14	genetic algorithm, meta heuristic	semiconductor, robot, drone, aircraft		constraint programming, constraint satisfaction, CP, CSP, propagation	Cplex, OPL	parallel machine	cmax, inventory, distributed, batch process, due-date, precedence, make-span, transportation, completion-time, job-shop, sequence dependent setup	endBeforeStart, cumulative, disjunctive, cycle, noOverlap	taxi industry	scheduling, resource, job, order, machine, task	1111	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Ham18a [377]	10	meta heuristic	semiconductor, drone, robot	real-world	CP, CSP, propagation, constraint programming, constraint satisfaction	Cplex, CPO, OPL	parallel machine	setup-time, inventory, batch process, cmax, job-shop, completion-time, make-span, tardiness, due-date	cycle, noOverlap, alternative constraint, disjunctive, circuit		resource, job, scheduling, machine, task, order	1112	n/a
Ham20a [378]	9	large neighborhood search, machine learning, meta heuristic	semiconductor, drone, robot, deep space	benchmark, generated instance	CP, propagation, constraint programming	Cplex, Choco Solver, OPL	parallel machine	precedence, multi-agent, inventory, batch process, job-shop, completion-time, make-span, transportation, Infeasible	cycle, noOverlap, endBeforeStart, cumulative		resource, job, scheduling, machine, task, order	1063	n/a
HamC16 [384]	6	particle swarm, meta heuristic, genetic algorithm	semiconductor	benchmark	CP, propagation, constraint programming, constraint satisfaction	Cplex, OPL	FJS	multi-objective, sequence dependent setup, precedence, setup-time, batch process, cmax, bi-objective, job-shop, completion-time, make-span, transportation	alwaysEqual constraint, cycle, endBeforeStart	pharmaceutical industry	resource, job, scheduling, machine, task, order	1138	n/a
HamFC17 [380]	8	meta heuristic, genetic algorithm	semiconductor, robot, drone	benchmark	CP, constraint programming	Cplex, OPL	parallel machine, single machine	batch process, job-shop, preempt, tardiness, due-date, completion-time, preemptive, inventory, make-span, single-machine scheduling	cycle, alwaysEqual constraint, bin-packing	semiconductor industry	order, machine, job, scheduling, resource	1124	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HamP21 [381]	8	large neighborhood search, machine learning	semiconductor, drone, robot, aircraft	real-world, benchmark, github	CP, propagation, constraint programming	Cplex, CPO, OPL	FJS	distributed, precedence, cmax, job-shop, completion-time, make-span, Infeasible	noOverlap, endBeforeStart		resource, job, scheduling, machine, task, order	1036	1742
HamPK21 [382]	12	genetic algorithm, simulated annealing, swarm intelligence, particle swarm, ant colony, Lagrangian relaxation, meta heuristic	semiconductor, agriculture, robot	benchmark, github	CP, constraint programming, propagation	OPL, Cplex	single machine, FJS, parallel machine	tardiness, multi-objective, completion-time, flow-shop, make-span, single-machine scheduling, sequence dependent setup, distributed, precedence, cmax, setup-time, job-shop, re-scheduling, bi-objective	noOverlap, cycle, endBeforeStart		scheduling, task, resource, order, machine, job	1037	1743
HarjunkoskiG02 [388]	20	simulated annealing, genetic algorithm			CLP, constraint programming, CP, propagation, constraint logic programming, constraint satisfaction	ECLiPSe, Ilog Scheduler, CHIP, Ilog Solver, Cplex, OPL		setup-time, single-stage scheduling, flow-shop, due-date, release-date, job-shop, Infeasible	cumulative		scheduling, order, activity, machine, job, resource, task	1288	n/a
HarjunkoskiJG00 [389]	7	MINLP			propagation, constraint satisfaction, CP, constraint logic programming, CLP	OPL, ECLiPSe, Ilog Solver, Cplex, CHIP	parallel machine	due-date, job-shop, Infeasible	disjunctive		scheduling, machine, order, job	1308	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HarjunkoskiMBC14 [390]	33	simulated annealing, particle swarm, column generation, MINLP, large neighborhood search, meta heuristic	dairy, airport, semiconductor, automotive, pipeline	benchmark, real-world, real-life	CLP, propagation, constraint programming, constraint logic programming, CP, COP	ECLiPSe, CHIP, Gurobi, Cplex, Gecode, SCIP, OPL	single machine	distributed, Benders Decomposition, precedence, lateness, unavailability, release-date, setup-time, due-date, breakdown, Pareto, continuous-process, batch process, reactive scheduling, make-span, manpower, stochastic, make to stock, re-scheduling, multi-objective, earliness, job-shop, Logic-Based Benders Decomposition, inventory, periodic, transportation, cyclic scheduling, tardiness, Infeasible	circuit, cycle, disjunctive	petrochemical industry, oil industry, chemical industry, paper industry, pharmaceutical industry, dairy industry, process industry	task, activity, job, machine, order, resource, scheduling	1165	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HauderBRPA20 [394]	14	particle swarm, genetic algorithm, meta heuristic	aircraft	industry partner, benchmark, real-world, supplementary material	constraint programming, propagation, CP	OPL, Cplex	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	setup-time, bi-objective, no-wait, job-shop, stochastic, completion-time, precedence, earliness, transportation, tardiness, make-span, explanation, inventory, due-date, flow-shop, multi-objective, breakdown, manpower	cumulative, cycle	automobile industry, food-processing industry, steel industry, processing industry	order, resource, task, machine, activity, scheduling, job	1064	1750
HebrardHJMPV16 [397]	10		satellite, earth observation	industrial partner			parallel machine	online scheduling, cmax, make-span, distributed, completion-time	cumulative		scheduling, order, machine, job, resource, task	1139	n/a
HeckmanB11 [401]	20	simulated annealing, edge-finding, genetic algorithm, meta heuristic, edge-finder		benchmark, real-world	CSP, constraint satisfaction, constraint programming, propagation, CP	Ilog Scheduler		Pareto, make-span, tardiness, job-shop, flow-shop, explanation, precedence	disjunctive, Completion constraint		order, job, scheduling, machine, resource, activity	1208	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HeinzNVH22 [407]	16	meta heuristic, genetic algorithm, Lagrangian relaxation	high performance computing, robot, crew-scheduling	real-world, generated instance, benchmark, gitlab	CP, constraint programming	Gurobi	parallel machine	re-scheduling, bi-objective, preempt, sequence dependent setup, unavailability, make-span, distributed, flow-shop, completion-time, preemptive, explanation, precedence, setup-time, Infeasible	cumulative, noOverlap, alternative constraint		scheduling, task, machine, resource, activity, job, order	1012	1737
HeinzSB13 [406]	36	edge-finding, time-tabling	satellite	benchmark	constraint programming, constraint optimization, CSP, constraint satisfaction, COP, CP, propagation	MiniZinc, SCIP, Cplex	psplib, single machine, RCPSP, Resource-constrained Project Scheduling Problem	completion-time, release-date, preempt, precedence, due-date, explanation, Infeasible	disjunctive, cumulative		order, resource, job, scheduling, machine	1176	1779
HeinzSSW12 [404]	12	large neighborhood search, column generation	steel mill	CSPlib, real-world	constraint programming, constraint satisfaction, CP	Cplex		explanation, inventory	bin-packing	steel industry, process industry	order, task	1186	1783
HeipckeCCS00 [409]	8			instance generator, benchmark	CP, constraint programming, propagation		RCPSP, single machine, Resource-constrained Project Scheduling Problem	preemptive, release-date, precedence, job-shop, completion-time, due-date, make-span, preempt	disjunctive, cumulative, Disjunctive constraint		resource, task, activity, scheduling, machine, job, order	1309	1797
HenzMT04 [414]	10	time-tabling	round-robin, tournament	benchmark	constraint programming, constraint satisfaction, propagation, CSP	Ilog Solver		Over-constrained	Regular constraint		order, scheduling, task	1277	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HladikCDJ08 [419]	18	genetic algorithm, simulated annealing, neural network	automotive, robot, aircraft	benchmark	constraint programming, CLP, CP, constraint logic programming, propagation, constraint satisfaction	Choco Solver		distributed, Pareto, cyclic scheduling, precedence, multi-objective, preemptive, completion-time, preempt, Benders Decomposition, Logic-Based Benders Decomposition, periodic, explanation	cycle		activity, task, order, machine, scheduling, resource	1249	n/a
Hooker05 [424]	17	MINLP, edge-finding		random instance	constraint satisfaction, propagation, constraint programming, CP, constraint logic programming, CLP	OPL, Ilog Scheduler, Cplex		release-date, Logic-Based Benders Decomposition, make-span, explanation, distributed, precedence, due-date, tardiness, Benders Decomposition, Infeasible	disjunctive, cumulative, circuit		machine, job, task, resource, order, scheduling	1273	1794
Hooker06 [427]	19	MINLP		random instance	constraint satisfaction, constraint programming, CP, constraint logic programming	OPL, Ilog Scheduler, Cplex		release-date, Logic-Based Benders Decomposition, make-span, precedence, due-date, tardiness, Benders Decomposition	disjunctive, cumulative, circuit		machine, job, task, resource, order, scheduling	1266	1793

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

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

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HookerO03 [434]	28			generated instance	CLP, CP, constraint programming, constraint satisfaction, constraint logic programming	Ilog Scheduler, OPL, Cplex		one-machine scheduling, Benders Decomposition, release-date, Logic-Based Benders Decomposition, due-date, Infeasible, Unsatisfiable	circuit, cumulative, disjunctive		machine, resource, order, scheduling, task, job	1283	n/a
HookerO99 [433]	48	MINLP			CLP, CP, propagation, constraint programming, constraint satisfaction, constraint logic programming	CHIP, Cplex, Ilog Solver		stochastic, job-shop, Benders Decomposition, make to order, Logic-Based Benders Decomposition, make-span, explanation, Infeasible	Disjunctive constraint, disjunctive	chemical industry	machine, resource, order, scheduling, task, job	1320	n/a
HookerOTK00 [435]	20	MINLP	hoist		CSP, constraint logic programming, constraint programming, CLP, CP, propagation, constraint satisfaction	Cplex, Ilog Solver, CHIP, OPL		explanation, job-shop, transportation, stochastic, Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	cumulative, Element constraint, disjunctive, Cardinality constraint		order, machine, job, scheduling, resource, task	1310	n/a
HoundjiSW19 [438]	27	sweep, column generation, max-flow		random instance, benchmark, bitbucket	constraint programming, CP, constraint logic programming		single machine	BOM, due-date, transportation, inventory	alldifferent, GCC constraint, circuit, Cardinality constraint, cumulative		scheduling, resource, task, order, machine	1085	1758

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HubnerGSV21 [440]	22	large neighborhood search, meta heuristic, mat heuristic, genetic algorithm, simulated annealing	automotive, tournament	real-life, benchmark	CP, constraint programming	Cplex, Gurobi, OPL	RCPSPDC, Resource-constrained Project Scheduling Problem, RCPSP	completion-time, stochastic, precedence, reactive scheduling, preempt, cmax, tardiness, due-date, no-wait, transportation, inventory, make-span, preemptive, Infeasible	cumulative, cycle, alternative constraint, endBeforeStart	dismantling industry	task, order, machine, scheduling, resource, job, activity	1038	n/a
IsikYA23 [445]	28	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	robot, medical	benchmark, generated instance, real-life, real-world	constraint programming, constraint satisfaction, propagation, CP, constraint logic programming	OPL, Cplex	single machine, parallel machine, HFS	tardiness, energy efficiency, multi-objective, completion-time, flow-shop, no-wait, job-shop, blocking constraint, explanation, earliness, bi-objective, preempt, batch process, setup-time, due-date, make-span, distributed, release-date, transportation, precedence, cmax, sequence dependent setup, breakdown	noOverlap, endBeforeStart, Calendar constraint, circuit, Blocking constraint, cumulative	steel industry	scheduling, task, order, machine, job, resource	981	1720

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
JainG01 [448]	19	column generation, MINLP	crew-scheduling		propagation, constraint satisfaction, constraint logic programming, CP, CLP, constraint programming	Ilog Solver, ECLiPSe, CHIP, OPL, Ilog Scheduler, Cplex	single machine, parallel machine	job-shop, release-date, due-date, Benders Decomposition, Infeasible	disjunctive, cumulative		job, order, scheduling, task, resource, machine, activity	1298	n/a
JainM99 [447]	45	Lagrangian relaxation, edge-finder, memetic algorithm, simulated annealing, meta heuristic, GRASP, neural network, genetic algorithm, machine learning	semiconductor, robot	real-world, benchmark, real-life	propagation, constraint satisfaction, constraint optimization, CP, CLP, CSP	OPL	single machine	flow-shop, preempt, one-machine scheduling, open-shop, release-date, precedence, cmax, tardiness, stochastic, due-date, re-scheduling, completion-time, preemptive, lateness, make-span, single-machine scheduling, distributed, inventory, job-shop, Infeasible	disjunctive, cycle		job, order, scheduling, task, resource, machine	1321	n/a
Jans09 [449]	14	column generation, meta heuristic	offshore, business process	benchmark	CP	Cplex	single machine, parallel machine	distributed, sequence dependent setup, setup-time, multi-agent, inventory, Infeasible		foundry industry, tire industry, fashion industry, process industry	scheduling, resource, job, machine, order	1238	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
JussienL02 [455]	25	genetic algorithm, time-tabling, neural network	satellite	benchmark, real-life	constraint programming, CSP, CLP, constraint logic programming, constraint satisfaction, propagation, CP		Open Shop Scheduling Problem, TMS	precedence, stochastic, preempt, make-span, preemptive, job-shop, explanation, open-shop, Infeasible			job, task, machine, order, scheduling, resource	1290	n/a
JuvinHL22 [457]	32	meta heuristic, simulated annealing, genetic algorithm		benchmark	CP, constraint programming, constraint satisfaction	Cplex, CPO	parallel machine, single machine, JSSP, FJS	precedence, preemptive, completion-time, cmax, re-scheduling, distributed, job-shop, Benders Decomposition, setup-time, Pareto, release-date, Logic-Based Benders Decomposition, make-span, preempt, flow-shop	endBeforeStart, disjunctive, Disjunctive constraint, noOverlap, circuit, cumulative		machine, resource, order, activity, scheduling, task, job	1014	n/a
JuvinHL23a [459]	17	genetic algorithm, machine learning, simulated annealing, meta heuristic	vaccine, drone, operating room, COVID	benchmark	constraint satisfaction, constraint programming, CP	CPO, Cplex	FJS, JSSP, parallel machine, single machine	make-span, preempt, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, flow-shop, precedence, Benders Decomposition, stochastic, setup-time, re-scheduling, release-date, Pareto	noOverlap, endBeforeStart, bin-packing, cumulative, circuit, disjunctive, Disjunctive constraint		task, machine, resource, activity, order, job, scheduling	982	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Kameugne15 [462]	2	not-last, not-first, edge-finding			propagation, constraint programming			preemptive, completion-time, preempt	cumulative		resource, scheduling, task	1153	1772
KameugneF13 [465]	21	not-first						release-date	cumulative		order, task	1177	n/a
KameugneFSN14 [467]	27	edge-finding, not-first, edge-finder, time-tabling, energetic reasoning, not-last		random instance, benchmark	CP, CLP, propagation, constraint programming	CHIP, Gecode	RCPSP, psplib, CuSP, Resource-constrained Project Scheduling Problem	completion-time, preemptive, precedence, job-shop, release-date, preempt, make-span, Infeasible	disjunctive, cumulative		scheduling, resource, job, order, task	1166	1778
KelbelH11 [470]	10	edge-finder, large neighborhood search, edge-finding		generated instance, benchmark, random instance	CSP, CP, propagation, constraint programming, constraint satisfaction	Cplex, Ilog Solver, OPL	JSSP	due-date, preempt, precedence, tardiness, earliness, inventory, job-shop, completion-time, release-date, make-span, distributed	cumulative, disjunctive		machine, resource, order, scheduling, task, job	1209	n/a
KendallKRU10 [471]	19	memetic algorithm, ant colony, simulated annealing, time-tabling, genetic algorithm, meta heuristic, GRASP, machine learning, column generation	travelling tournament problem, robot, tournament, round-robin, break minimization problem, crew-scheduling, sports scheduling	real-world, generated instance, real-life, CSPlib, benchmark	propagation, constraint satisfaction, CP, constraint logic programming, constraint programming, CSP	Cplex, OPL	Resource-constrained Project Scheduling Problem	multi-agent, distributed, re-scheduling, Benders Decomposition, multi-objective, stochastic, bi-objective, Logic-Based Benders Decomposition, Pareto, Infeasible	cycle		activity, job, order, resource, task, scheduling, machine	1222	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KhayatLR06 [474]	15	genetic algorithm		real-life, benchmark	constraint satisfaction, constraint logic programming, CP, constraint programming	OPL, Cplex		cmax, preempt, make-span, job-shop, due-date, preemptive, precedence, setup-time			order, scheduling, task, machine, resource, activity, job	1267	n/a
KoehlerBFFH-PSSS21 [483]	51	ant colony, genetic algorithm, particle swarm, simulated annealing	cable tree, automotive, robot	real-world, benchmark, github	constraint satisfaction, CSP, constraint programming, propagation, CP, constraint optimization	MiniZinc, OPL, Cplex, Gurobi, OR-Tools, Chuffed, Z3	CTW, single machine	flow-shop, tardiness, multi-objective, single-machine scheduling, make-span, precedence, job-shop, lateness, one-machine scheduling, flow-time, Infeasible, Unsatisfiable	Channeling constraint, alldifferent, Disjunctive constraint, circuit, cumulative, cycle, disjunctive		job, task, scheduling, resource, order, machine	1039	1744
KonowalenkoMM19 [486]	9	meta heuristic	pipeline, automotive, maintenance scheduling	real-world	constraint logic programming, CLP, constraint programming, CP	OPL, Cplex	parallel machine	setup-time, flow-shop, BOM, sequence dependent setup, inventory	noOverlap	automotive industry	scheduling, machine, task, resource	1086	n/a
KorbaaYG00 [488]	10											1311	n/a
KovacsB08 [492]	7	genetic algorithm, sweep	aircraft	benchmark	propagation, constraint programming, CSP, CP	Ilog Solver, Ilog Scheduler	single machine	preempt, release-date, single-machine scheduling, preemptive, tardiness, completion-time	disjunctive, Disjunctive constraint, bin-packing, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint		order, activity, scheduling, job, machine, resource	1250	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KovacsB11 [493]	24	edge-finding, column generation		benchmark	propagation, constraint programming, CP	Ilog Solver, Ilog Scheduler	single machine, parallel machine, Resource-constrained Project Scheduling Problem	preempt, release-date, single-machine scheduling, make-span, flow-time, preemptive, due-date, flow-shop, precedence, tardiness, earliness, completion-time, distributed, job-shop, Infeasible	disjunctive, Disjunctive constraint, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint, Channeling constraint		order, activity, scheduling, job, machine, resource	1210	1787
KovacsK11 [495]	24				constraint satisfaction, COP, propagation, constraint programming, constraint optimization, CSP, CP	Cplex, Ilog Solver, Gecode	single machine	Benders Decomposition, breakdown, Pareto, release-date, sequence dependent setup, due-date, flow-shop, stochastic, tardiness, earliness, completion-time, Logic-Based Benders Decomposition, job-shop, transportation, Infeasible	cycle, Reified constraint		order, scheduling, task, job, machine, resource	1211	1788

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KreterSS17 [500]	31	edge-finding, lazy clause generation		benchmark	constraint programming, propagation, CP	MiniZinc, Chuffed, CPO, Cplex, CHIP	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	unavailability, make-span, periodic, preempt, preemptive, explanation, completion-time, precedence, Infeasible	IloPulse, cumulative, IloForbidEnd, Pulse constraint, Reified constraint, Calendar constraint, alwaysIn, diffn, cycle, IloAlwaysIn, Element constraint		order, scheduling, task, machine, resource, activity	1126	1769
KreterSSZ18 [501]	15	genetic algorithm, particle swarm, GRASP, lazy clause generation, Lagrangian relaxation		benchmark	constraint programming, CP, propagation	Chuffed, Cplex, MiniZinc	Resource-constrained Project Scheduling Problem, RCPSP, psplib	precedence, release-date, preemptive, completion-time, preempt, unavailability, tardiness, periodic, explanation, Infeasible	cumulative, Element constraint, Calendar constraint		activity, task, order, machine, scheduling, resource	1113	n/a
KuB16 [502]	9	meta heuristic, genetic algorithm		benchmark	constraint programming, constraint satisfaction, CP	Ilog Scheduler, Cplex, SCIP, Gurobi		earliness, precedence, make-span, tardiness, completion-time, job-shop	Disjunctive constraint, disjunctive		job, order, machine, scheduling	1140	n/a
Kuchcinski03 [503]	29	genetic algorithm, meta heuristic, edge-finding	pipeline	benchmark	constraint logic programming, constraint programming, CLP, propagation, CP, CSP, constraint optimization	SICStus, CHIP		completion-time, precedence, periodic, rescheduling, multi-objective, distributed, job-shop	Reified constraint, Disjunctive constraint, Arithmetic constraint, diffn, cumulative, circuit, Element constraint, disjunctive, Diff2 constraint, cycle		task, scheduling, job, order, resource	1284	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KuchcinskiW03 [504]	15		pipeline	benchmark	CP, CSP, constraint programming, propagation, constraint logic programming			distributed, precedence	cycle, circuit, Diff2 constraint		scheduling, resource, order	1285	n/a
Laborie03 [508]	38	edge-finding, not-first, not-last, time-tabling, energetic reasoning		benchmark	CP, propagation, constraint programming, constraint satisfaction	Ilog Scheduler		preempt, precedence, preemptive, cmax, rescheduling, inventory, job-shop, setup-time, release-date, make-span	cumulative, disjunctive, table constraint, cycle, Balance constraint, Disjunctive constraint		task, job, machine, resource, order, activity, scheduling	1286	n/a
LaborieR14 [513]	10	column generation, large neighborhood search, machine learning	satellite, aircraft	benchmark, real-world	constraint programming, propagation, CP	Cplex	single machine, Partial Order Schedule, RCPSP	single-machine scheduling, breakdown, transportation, net present value, tardiness, earliness, preempt, Logic-Based Benders Decomposition, job-shop, due-date, flow-shop, precedence, Benders Decomposition	disjunctive, span constraint, noOverlap, endBeforeStart, cumulative, alternative constraint		order, job, scheduling, task, machine, resource, activity	1167	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LaborieRSV18 [512]	41	edge-finding, large neighborhood search	semiconductor, satellite, aircraft, robot, pipeline, shipping line, railway, container terminal	CSPlib, benchmark, real-world	CSP, constraint programming, propagation, CP	Ilog Scheduler, OPL, CHIP, Choco Solver, Gecode, Ilog Solver, Cplex, CPO	Resource-constrained Project Scheduling Problem, psplib, RCPSP, parallel machine	Benders Decomposition, multi-objective, breakdown, manpower, setup-time, distributed, Logic-Based Benders Decomposition, job-shop, net present value, batch process, stochastic, release-date, precedence, earliness, sequence dependent setup, transportation, periodic, tardiness, make-span, explanation, inventory, due-date, flow-shop, re-scheduling, Infeasible, Over-constrained, explainable	endBeforeStart, noOverlap, alternative constraint, cumulative, disjunctive, span constraint, cycle, Reified constraint, AlwaysConstant, Disjunctive constraint, alwaysEqual constraint, Arithmetic constraint, Calendar constraint, alwaysIn	petrochemical industry, chemical industry	order, resource, task, scheduling, machine, activity, job	1114	1766

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LacknerMMWW23 [515]	42	ant colony, GRASP, simulated annealing, large neighborhood search, time-tabling, particle swarm, meta heuristic, genetic algorithm	semiconductor, oven scheduling	zenodo, random instance, benchmark, instance generator, real-life, industrial partner	CP, constraint optimization, constraint programming	Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	single machine, parallel machine, OSP	explanation, lateness, batch process, job-shop, release-date, tardiness, earliness, setup-time, Pareto, due-date, multi-objective, make-span, Infeasible	disjunctive, bin-packing, alternative constraint, cumulative, endBeforeStart, noOverlap, Element constraint	manufacturing industry, electronics industry, steel industry	scheduling, machine, job, order, task	983	1721
LammaMM97 [518]	15		railway, train schedule	real-life	CP, propagation, CLP, CSP, constraint logic programming, constraint satisfaction	ECLiPSe, OPL, CHIP		distributed, job-shop, no-wait, precedence	Disjunctive constraint, circuit, disjunctive		order, resource, job, scheduling, task	1333	n/a
LetortCB15 [528]	52	energetic reasoning, large neighborhood search, meta heuristic, sweep, edge-finding		generated instance, benchmark, random instance, Roadef	constraint programming, CP, CLP, propagation	Choco Solver, CHIP, SICStus	Resource-constrained Project Scheduling Problem, psplib	precedence, make-span	cumulative, Cumulatives constraint, cycle, bin-packing		job, order, scheduling, task, machine, resource	1154	1773
LiW08 [529]	18	Lagrangian relaxation	tournament, travelling tournament problem, astronomy	real-world	constraint programming, constraint satisfaction, CP, CSP, propagation, constraint logic programming	Ilog Solver, Cplex, ECLiPSe, CHIP, OPL	RCPSP	setup-time, no preempt, explanation, due-date, precedence, make-span, preempt, completion-time, job-shop, re-scheduling, open-shop, Benders Decomposition, Infeasible	disjunctive, bin-packing, cycle		activity, scheduling, resource, job, order, machine, task	1251	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LiessM08 [532]	12	edge-finding, meta heuristic, large neighborhood search, column generation		benchmark	CP, constraint programming, constraint satisfaction, propagation		psplib, Resource-constrained Project Scheduling Problem, RCPSP	job-shop, make-span, preempt, precedence, preemptive, cmax, Infeasible	cumulative, disjunctive		activity, resource, order, machine, job, scheduling, task	1252	n/a
LimtanyakulS12 [539]	32	not-last, not-first, genetic algorithm, energetic reasoning, edge-finding	robot, automotive	real-life, generated instance, industrial partner, benchmark, random instance	constraint optimization, constraint programming, propagation, CP, COP, CSP, constraint satisfaction	Ilog Scheduler, Cplex	Resource-constrained Project Scheduling Problem	precedence, release-date, tardiness, Benders Decomposition, due-date, stochastic, completion-time, Infeasible	bin-packing, disjunctive, table constraint, Cardinality constraint, cumulative	automotive industry	activity, machine, scheduling, order, resource, job	1187	1784
LiuW11 [545]	10	simulated annealing, time-tabling, genetic algorithm, neural network, ant colony	robot, train schedule		propagation, constraint programming, constraint satisfaction, CP, CSP		Resource-constrained Project Scheduling Problem, RCPSP	periodic, stochastic, inventory, completion-time, transportation, due-date, distributed, preempt, preemptive, multi-objective, precedence	cumulative		machine, task, order, resource, activity, scheduling	1212	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LombardiM10a [552]	30	genetic algorithm, sweep	business process	benchmark, real-life, real-world	propagation, constraint satisfaction, CP, constraint programming, CSP	Cplex	TCSP, Resource-constrained Project Scheduling Problem	preemptive, completion-time, precedence, make-span, preempt, due-date, distributed, re-scheduling, Benders Decomposition, stochastic, release-date, Logic-Based Benders Decomposition, Infeasible	Disjunctive constraint, cycle, table constraint, span constraint, cumulative, disjunctive		task, scheduling, machine, activity, job, order, resource	1224	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LombardiM12 [555]	35	large neighborhood search, lazy clause generation, energetic reasoning, meta heuristic, edge-finding, genetic algorithm	aircraft	real-world, benchmark	CP, propagation, CSP, constraint satisfaction, constraint programming	OR-Tools	psplib, Partial Order Schedule, parallel machine, Resource-constrained Project Scheduling Problem, RCPSP	precedence, flow-shop, reactive scheduling, sequence dependent setup, make-span, preempt, tardiness, re-scheduling, due-date, distributed, manpower, explanation, energy efficiency, preemptive, job-shop, transportation, completion-time, setup-time, earliness, Benders Decomposition, Logic-Based Benders Decomposition, inventory, stochastic	circuit, cycle, cumulative, Disjunctive constraint, disjunctive	chemical industry	order, machine, job, activity, scheduling, resource, task	1188	1785
LombardiM12a [554]	10			benchmark	CP, constraint programming, CSP	Ilog Solver	psplib, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	completion-time, precedence, make-span, producer/consumer, stochastic	disjunctive		scheduling, activity, order, resource	1189	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LombardiMB13 [557]	14		pipeline, medical	benchmark, real-world	propagation, constraint satisfaction, CP, constraint programming, CSP	Gecode, Ilog Solver, OR-Tools	SCC, RCPSP	cmax, preemptive, completion-time, precedence, periodic, make-span, energy efficiency, explanation, preempt, distributed, re-scheduling, multi-objective, stochastic, Infeasible, Over-constrained	cycle, cumulative, circuit		task, scheduling, activity, order, resource	1178	n/a
LombardiMRB10 [558]	31	genetic algorithm, simulated annealing	pipeline, semiconductor	real-life, real-world, benchmark	constraint programming, propagation, constraint logic programming, CP, constraint satisfaction	ECLiPSe, Cplex	SCC	stochastic, periodic, Benders Decomposition, completion-time, tardiness, Logic-Based Benders Decomposition, distributed, no preempt, preempt, make-span, precedence, preemptive, re-scheduling, producer/consumer, release-date, Infeasible	table constraint, cumulative, Disjunctive constraint, circuit, disjunctive, cycle, bin-packing	semiconductor industry	resource, task, activity, scheduling, order	1225	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LopesCSM10 [559]	39	meta heuristic, MINLP, genetic algorithm, max-flow	pipeline	real-world, benchmark	propagation, CP, constraint programming, CLP	Ilog Scheduler, Ilog Solver, OPL		distributed, stock level, job-shop, due-date, explanation, transportation, reactive scheduling, precedence, inventory, multi-objective, re-scheduling, make-span, Infeasible, Over-constrained	table constraint, cycle, alldifferent, disjunctive	oil industry	activity, resource, job, order, scheduling, task	1226	1791
LopezAKYG00 [560]	4											1312	n/a
LorigeonBB02 [561]	8				CP	Cplex, OPL	parallel machine, Open Shop Scheduling Problem	cmax, completion-time, make-span, unavailability, setup-time, preempt, flow-shop, open-shop			resource, scheduling, machine, activity, job, order	1291	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LuZZYW24 [564]	36	evolutionary computing, genetic algorithm, memetic algorithm, meta heuristic, ant colony, particle swarm, simulated annealing, large neighborhood search, column generation	energy-price, maintenance scheduling, train schedule, automotive, container terminal, railway	real-life, real-world	CP, constraint programming, constraint satisfaction, propagation	Cplex, OPL	Resource-constrained Project Scheduling Problem, single machine	job-shop, explanation, single-machine scheduling, bi-objective, inventory, sustainability, distributed, transportation, precedence, energy efficiency, multi-objective, Benders Decomposition, completion-time, flow-shop, stochastic, Infeasible	cumulative, alwaysIn, disjunctive, noOverlap	shipping industry	order, machine, job, resource, scheduling, task	961	n/a
LunardiBLRV20 [567]	20	meta heuristic, genetic algorithm, large neighborhood search	high performance computing	benchmark, github, random instance, generated instance	constraint programming, CP	Cplex	FJS	job-shop, tardiness, setup-time, preempt, make-span, unavailability, completion-time, flow-shop, re-scheduling, bi-objective, due-date, precedence, Infeasible	endBeforeStart, noOverlap	printing industry, glass industry	resource, job, order, activity, scheduling, machine	1066	1751

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MalapertCGJLR12 [579]	17	meta heuristic, genetic algorithm, not-first, not-last, ant colony, edge-finding, particle swarm		benchmark	constraint programming, propagation, CSP, constraint satisfaction, CP	Choco Solver	OSP, Open Shop Scheduling Problem	transportation, flow-shop, cmax, open-shop, precedence, completion-time, preemptive, make-span, preempt, job-shop, Infeasible	disjunctive, cycle, Disjunctive constraint, cumulative		order, activity, machine, scheduling, resource, task, job	1190	n/a
MalapertGR12 [581]	13	column generation, simulated annealing, genetic algorithm	robot, pipeline, semiconductor	real-world, generated instance, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint programming	Cplex, OPL, Choco Solver	single machine	tardiness, batch process, completion-time, due-date, make-span, setup-time, lateness, release-date, precedence, sequence dependent setup, Infeasible	Channeling constraint, bin-packing, circuit		scheduling, machine, job, order, resource, task	1191	n/a
MalikMB08 [584]	18	edge-finding	pipeline	benchmark	propagation, constraint programming, constraint logic programming			precedence, distributed	cycle, Cardinality constraint		machine, resource, order, scheduling	1253	n/a
MaraveliasCG04 [585]	29	MINLP, edge-finding			constraint satisfaction, constraint programming, CP, propagation	Cplex, OPL		manpower, inventory, make-span, continuous-process, flow-shop, re-scheduling, due-date, Infeasible	Balance constraint, cycle, disjunctive	chemical industry	resource, task, scheduling, order, activity, job	1278	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MarliereSPR23 [587]	22	quadratic programming, timetabling, Lagrangian relaxation, machine learning, meta heuristic	railway, robot, train schedule	benchmark, real-world	propagation, constraint satisfaction, constraint programming, CP	Cplex	rtRTMP, RTMP	precedence, transportation, job-shop, energy efficiency, distributed, multi-objective, explanation, no-wait, rescheduling, Infeasible	disjunctive, alternative constraint, cumulative, cycle, Disjunctive constraint, circuit, table constraint, noOverlap		machine, resource, job, order, task, activity, scheduling	984	n/a
MartinPY01 [589]	17		train schedule, railway, aircraft	real-life	propagation, CP, constraint programming, CLP, constraint logic programming, constraint satisfaction	ECLiPSe, Ilog Solver		breakdown, transportation, rescheduling	circuit	sugar industry	order, scheduling, task, machine, resource	1299	n/a
Mason01 [591]	38	Lagrangian relaxation, column generation	railway, airport, crew-scheduling, workforce scheduling, nurse		CP	Cplex, OPL		cyclic scheduling, transportation		airline industry	order, activity, scheduling, task	1300	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MejiaY20 [593]	13	simulated annealing, ant colony, GRASP, particle swarm, genetic algorithm, meta heuristic	agriculture, robot	supplementary material, benchmark, generated instance	constraint programming, propagation, CP	Cplex, ECLiPSe	OSSP, Open Shop Scheduling Problem, parallel machine	cmax, sequence dependent setup, due-date, re-scheduling, preemptive, tardiness, completion-time, no-wait, open-shop, release-date, transportation, multi-agent, multi-objective, job-shop, bi-objective, preempt, setup-time, make-span, distributed	disjunctive, Disjunctive constraint		resource, order, scheduling, machine, job	1067	1752
MenciaSV12 [595]	32	edge-finding, genetic algorithm, energetic reasoning, memetic algorithm, time-tabling, simulated annealing	steel mill	benchmark, real-life	constraint satisfaction, constraint programming, propagation, CP, constraint optimization		JSSP, single machine	lateness, preempt, sequence dependent setup, flow-time, preemptive, job-shop, completion-time, precedence, setup-time, cmax, multi-objective, make-span, distributed	cycle, Disjunctive constraint, disjunctive		resource, job, order, scheduling, task, machine	1192	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MenciaSV13 [596]	11	edge-finding, genetic algorithm, energetic reasoning, time-tabling, simulated annealing, meta heuristic	steel mill	benchmark, real-life, supplementary material	constraint satisfaction, constraint programming, propagation, CP, constraint optimization		JSSP, single machine	lateness, preempt, sequence dependent setup, flow-time, preemptive, job-shop, flow-shop, completion-time, precedence, setup-time, cmax, multi-objective, make-span	cycle, Disjunctive constraint, disjunctive		resource, job, order, scheduling, task, machine	1179	1780
MengGRZSC22 [597]	13	meta heuristic, genetic algorithm, memetic algorithm	semiconductor	benchmark	propagation, constraint programming, CP	Cplex, Gurobi, OPL	parallel machine, FJS, HFS, PMSP	no-wait, distributed, job-shop, transportation, setup-time, Benders Decomposition, Pareto, bi-objective, precedence, flow-shop, multi-objective, make-span, tardiness			job, task, order, machine, scheduling	1016	n/a
MengLZB21 [598]	14	NEH, particle swarm, memetic algorithm, meta heuristic, simulated annealing, genetic algorithm	semiconductor	benchmark	propagation, CP	Cplex, OPL, Gurobi	parallel machine, FJS, HFS	flow-shop, tardiness, earliness, completion-time, multi-agent, cmax, distributed, job-shop, transportation, multi-objective, setup-time, make-span, sequence dependent setup, due-date	endBeforeStart, noOverlap, circuit, alternative constraint, cumulative		machine, resource, order, scheduling, task, job	1040	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MengZRZL20 [599]	13	genetic algorithm, ant colony, particle swarm, simulated annealing, meta heuristic	robot, semiconductor	benchmark, supplementary material	propagation, CP, constraint programming	OR-Tools, Gecode, OPL, Gurobi, Cplex	parallel machine, FJS, OSP, Open Shop Scheduling Problem, HFS	job-shop, no-wait, flow-shop, completion-time, batch process, open-shop, energy efficiency, flow-time, transportation, precedence, Benders Decomposition, cyclic scheduling, setup-time, cmax, multi-objective, tardiness, earliness, preempt, sequence dependent setup, make-span, blocking constraint, distributed, no preempt, Infeasible	alternative constraint, Blocking constraint, noOverlap, endBeforeStart		resource, job, task, machine, order, scheduling	1068	1753
MercierH07 [601]	27	not-last, edge-finder, edge-finding, energetic reasoning, not-first		benchmark	constraint programming, CLP, constraint satisfaction, propagation, CP	CHIP	JSSP	transportation, precedence, release-date, job-shop, due-date, explanation, completion-time, Infeasible	cumulative, disjunctive	steel industry	job, order, scheduling, task, machine, activity, resource	1260	n/a
MercierH08 [600]	11	edge-finder, edge-finding			constraint programming, CLP, CP			preemptive, release-date, preempt, job-shop, due-date	cumulative, disjunctive		job, order, scheduling, task, resource	1254	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MeskensDL13 [604]	10	column generation, meta heuristic	surgery, robot, medical, patient, nurse, operating room	real-life	constraint satisfaction, constraint programming, CP, propagation, CSP	Choco Solver		multi-objective, make-span, preempt, cmax, re-scheduling, cyclic scheduling, job-shop, setup-time, stochastic	circuit		order, job, activity, scheduling, resource	1180	n/a
MilanoW06 [608]	45	column generation, edge-finder, meta heuristic, time-tabling, large neighborhood search, Lagrangian relaxation	crew-scheduling	benchmark	constraint logic programming, constraint satisfaction, CP, propagation, constraint programming, CSP	CHIP, ECLiPSe, Cplex, OPL	single machine, parallel machine	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, preempt, setup-time, explanation, single-machine scheduling, tardiness, preemptive, due-date, lateness, stochastic, transportation, Benders Decomposition, completion-time, Infeasible, Over-constrained	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		resource, job, scheduling, task, machine, order, activity	1268	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MilanoW09 [609]	40	column generation, edge-finder, meta heuristic, lazy clause generation, time-tabling, large neighborhood search, Lagrangian relaxation	crew-scheduling	benchmark	constraint logic programming, constraint satisfaction, CP, propagation, constraint programming, CSP	CHIP, SCIP, ECLiPSe, Cplex, OPL	single machine	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, preempt, setup-time, explanation, single-machine scheduling, tardiness, preemptive, due-date, lateness, stochastic, transportation, Benders Decomposition, completion-time, Infeasible, Over-constrained	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		resource, job, scheduling, task, machine, order, activity	1239	n/a
MintonJPL92 [611]	45	neural network	robot, astronomy, telescope	benchmark, real-world	CSP, constraint satisfaction	OPL		re-scheduling, distributed, explanation, job-shop, stochastic, periodic, Over-constrained	cycle, cumulative		job, resource, task, order, machine, scheduling	1346	n/a
Mokhtarzadehtnf20 [613]	14	simulated annealing, time-tabling, meta heuristic, particle swarm	robot, crew-scheduling	real-world, generated instance	CP, constraint programming	Cplex	parallel machine	distributed, multi-agent, setup-time, manpower, no-wait, make-span, precedence, completion-time	alldifferent, circuit, cycle	circuit boards industry	order, job, machine, task, scheduling, resource	1069	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MontemanniD23 [617]	13	machine learning, swarm intelligence, meta heuristic, ant colony, mat heuristic	robot, drone	benchmark, supplementary material	constraint programming, CP	OPL, OR-Tools, Gurobi		distributed, sustainability	circuit		resource, order, task, scheduling, machine	985	1722
MontemanniD23a [616]	20	meta heuristic, mat heuristic, ant colony	drone	benchmark	constraint programming, CP	OR-Tools		explanation, completion-time, sustainability, transportation	circuit		task, scheduling, order	986	1723
MullerMKP22 [622]	18	reinforcement learning, neural network, meta heuristic, genetic algorithm, deep learning, machine learning	robot, semiconductor	random instance, benchmark, github, real-world	CP, propagation, constraint programming	Chuffed, Choco Solver, OPL, OR-Tools, Cplex, MiniZinc, Gecode	Resource-constrained Project Scheduling Problem, FJS	bi-objective, precedence, batch process, multi-objective, make-span, preempt, breakdown, cmax, sustainability, due-date, no-wait, preemptive, job-shop, completion-time, setup-time, online scheduling, stochastic	circuit, disjunctive		order, machine, scheduling, job, activity, resource, task	1017	1738

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NaderiBZ22 [633]	29	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-life	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	1018	n/a
NaderiBZ22a [631]	19	genetic algorithm, simulated annealing, ant colony, meta heuristic	nurse, automotive, crew-scheduling, robot, operating room	benchmark	constraint programming, CP	CPO, Cplex	parallel machine	job-shop, distributed, transportation, precedence, flow-shop, multi-objective, make-span, preemptive, completion-time, setup-time, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, re-scheduling, sequence dependent setup, preempt, tardiness	Disjunctive constraint, noOverlap, disjunctive, endBeforeStart		job, task, order, machine, scheduling, resource	1019	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NaderiBZ23 [634]	32	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-world	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	987	n/a
NaderiBZR23 [632]	15	large neighborhood search, meta heuristic, mat heuristic	nurse, surgery, automotive, crew-scheduling, medical, patient, operating room	supplementary material, benchmark, real-world, real-life, generated instance	constraint programming, CP, constraint logic programming, propagation	Cplex	parallel machine	distributed, transportation, precedence, completion-time, setup-time, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, re-scheduling, bi-objective, breakdown, periodic, Infeasible	bin-packing		job, activity, task, order, machine, scheduling, resource	988	1724

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NaderiRR23 [637]	27	genetic algorithm, large neighborhood search, meta heuristic	operating room, automotive, crew-scheduling, airport	github, benchmark	propagation, CP, constraint programming, constraint satisfaction	CPO, Z3, Gurobi, SCIP, Cplex	Open Shop Scheduling Problem, PMSP, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, OSP, PTC, single machine, FJS	tardiness, flow-shop, earliness, preemptive, transportation, no-wait, completion-time, precedence, Benders Decomposition, setup-time, open-shop, cmax, re-scheduling, bi-objective, preempt, sequence dependent setup, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date	Disjunctive constraint, cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint		resource, job, order, scheduling, task, machine	989	1725
NaqviAIAAA22 [638]	18	simulated annealing, time-tabling	tournament, round-robin, pipeline, sports scheduling, travelling tournament problem	real-life, real-world	CP, constraint programming		TMS	distributed, multi-objective, unavailability	cumulative		order, task, scheduling, machine, job	1021	n/a
NattafAL15 [640]	21	sweep, energetic reasoning		generated instance	propagation, constraint programming, CSP, CP	Cplex	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	release-date, preempt, make-span, due-date, preemptive, Infeasible	cumulative		scheduling, task, resource, activity, order	1155	1774
NattafAL17 [641]	18	edge-finding, energetic reasoning		real-world	propagation, constraint programming, CSP, CP	Cplex	CECSP	release-date, make-span, energy efficiency, Infeasible	disjunctive, cumulative		scheduling, task, resource, activity, job, order	1127	1770

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NattafALR16 [642]	34	sweep, energetic reasoning		generated instance	propagation, constraint programming, CP, CSP	Cplex	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	preemptive, no preempt, precedence, make-span, preempt, due-date, explanation, release-date, Infeasible	cumulative		task, order, scheduling, activity, resource	1141	n/a
NattafDYW19 [643]	16	simulated annealing, memetic algorithm, meta heuristic, genetic algorithm	semiconductor	benchmark	constraint satisfaction, constraint programming, CP	OPL, Cplex	parallel machine, single machine, PTC	job-shop, completion-time, setup-time, stochastic, make-span, cmax, periodic, single-machine scheduling	noOverlap, alternative constraint	lumber industry, semiconductor industry	order, machine, scheduling, job, resource	1087	n/a
NattafHKAL19 [644]	16	energetic reasoning		real-life, benchmark	CP, CSP, propagation	Cplex	RCPSP, single machine, CECSP, Resource-constrained Project Scheduling Problem	preempt, single-machine scheduling, preemptive, release-date, make-span	cumulative		order, resource, task, activity, scheduling, machine	1088	n/a
NishikawaSTT19 [650]	16	genetic algorithm, large neighborhood search	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex	parallel machine	online scheduling, precedence, make-span, preempt, distributed, re-scheduling, preemptive	alternative constraint, cumulative		scheduling, activity, machine, order, resource, task	1089	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NovaraNH16 [651]	17			benchmark, CSPlib	constraint programming, CSP, constraint logic programming, constraint satisfaction, CP	OPL, Cplex		precedence, setup-time, re-scheduling, tardiness, sequence dependent setup, manpower, make-span, due-date, completion-time, earliness, batch process	cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint	pharmaceutical industry	job, order, scheduling, task, machine, activity, resource	1142	n/a
Novas19 [652]	13	meta heuristic, swarm intelligence, genetic algorithm, particle swarm	medical, semiconductor, robot, train schedule	benchmark	CP, constraint programming, constraint satisfaction	OPL, Cplex	parallel machine, HFS, FJS	precedence, cmax, job-shop, multi-objective, due-date, completion-time, lateness, release-date, tardiness, make-span, flow-time, transportation, sequence dependent setup, no-wait, distributed, inventory, setup-time, flow-shop, Infeasible	cycle, noOverlap, cumulative, endBeforeStart	solar cell industry	scheduling, task, resource, machine, activity, job, order	1090	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NovasH10 [653]	20	meta heuristic	pipeline		constraint programming, CSP, CP	OPL, Ilog Scheduler		unavailability, precedence, batch process, due-date, re-scheduling, tardiness, completion-time, no-wait, breakdown, periodic, multi-objective, reactive scheduling, setup-time, manpower, make-span, earliness, lateness			order, scheduling, machine, job, task, activity, resource	1227	n/a
NovasH12 [654]	17		hoist, electroplating, container terminal, semiconductor, robot		constraint programming, CP	OPL, Ilog Solver, Ilog Scheduler		precedence, completion-time, no-wait, transportation, breakdown, reactive scheduling, make-span	cycle	semiconductor industry, electroplating industry	order, scheduling, machine, job, task, activity, resource	1193	n/a
NovasH14 [655]	14	ant colony, genetic algorithm	robot	benchmark	constraint programming, constraint satisfaction, CP	OPL, Ilog Solver, Ilog Scheduler	single machine, parallel machine	unavailability, precedence, completion-time, transportation, multi-objective, job-shop, reactive scheduling, make-span, buffer-capacity			order, scheduling, machine, job, task, activity, resource	1168	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NuijtenA96 [659]	16	time-tabling			constraint satisfaction, propagation, CP, constraint programming, CSP, CLP	CPO	JSSP	preempt, make-span, preemptive, job-shop, flow-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	1337	n/a
NuijtenP98 [660]	16	simulated annealing, edge-finding	satellite	real-life	constraint satisfaction, propagation, CP, constraint programming, CSP, CLP	Ilog Solver, OPL, Ilog Scheduler	single machine, JSSP	preempt, manpower, make-span, preemptive, job-shop, flow-shop, completion-time, transportation, reactive scheduling, precedence, setup-time, single-machine scheduling, Infeasible	disjunctive, Disjunctive constraint		scheduling, task, machine, resource, job, order	1329	n/a
OhrimenkoSC09 [667]	35	lazy clause generation		benchmark	constraint satisfaction, constraint programming, propagation, CSP, CP	Gecode	Open Shop Scheduling Problem	completion-time, explanation, open-shop, make-span, Unsatisfiable	Reified constraint, Arithmetic constraint, alldifferent, Cardinality constraint, disjunctive		scheduling, machine, order, resource, job	1240	n/a
OrnekO16 [669]	25	genetic algorithm, meta heuristic, neural network, edge-finding		real-life, real-world	constraint satisfaction, propagation, CP, constraint programming	Cplex, OPL	parallel machine	preempt, inventory, setup-time, make-span, earliness, distributed, precedence, cmax, due-date, preemptive, tardiness, completion-time, bill of material, release-date, BOM, multi-objective, job-shop, Infeasible	Disjunctive constraint, cumulative, Element constraint, disjunctive		activity, resource, order, scheduling, machine, job	1143	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
OrnekOS20 [670]	29	genetic algorithm, time-tabling, large neighborhood search, particle swarm, meta heuristic, simulated annealing	aircraft, airport	generated instance, real-world	CP, constraint programming	Cplex	parallel machine	explanation, stochastic, distributed, multi-objective, Pareto, periodic, Infeasible, Over-constrained	disjunctive, noOverlap		machine, resource, order, scheduling	1022	n/a
OzturkTHO10 [676]	8		robot		constraint programming, CP	Ilog Scheduler, OPL, Ilog Solver, Cplex	SBSFM-MAL	setup-time, precedence, make-span, completion-time, cmax	disjunctive		job, activity, scheduling, resource, task, order, machine	1228	n/a
OzturkTHO12 [675]	6	edge-finding			constraint programming, CP, propagation	OPL, Cplex		cyclic scheduling, job-shop, setup-time, precedence, make-span, preemptive, completion-time, preempt, distributed	disjunctive, Element constraint, cycle, cumulative		job, activity, scheduling, resource, task, order, machine	1194	n/a
OzturkTHO13 [677]	36	genetic algorithm, large neighborhood search, column generation, edge-finding		real-world, real-life	constraint logic programming, constraint satisfaction, constraint programming, CLP, CP, propagation, CSP	CHIP, OPL, Ilog Solver, Cplex	SBSFM-MAL	cyclic scheduling, setup-time, precedence, flow-shop, make-span, preemptive, completion-time, preempt, breakdown, cmax	Disjunctive constraint, disjunctive, Channeling constraint, cycle, cumulative		job, activity, scheduling, resource, task, order, machine	1181	1781
OzturkTHO15 [678]	12	large neighborhood search		real-life	constraint satisfaction, constraint programming, CP, propagation	OPL, Cplex	SBSFM-MAL	cyclic scheduling, setup-time, inventory, precedence, make-span, preemptive, completion-time, preempt, breakdown, distributed	disjunctive, circuit, cycle, cumulative		job, activity, scheduling, resource, task, order, machine	1156	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PandeyS21a [681]	29	quadratic programming, column generation, mat heuristic	semiconductor	benchmark	constraint logic programming, constraint satisfaction, propagation, CP, constraint programming, CSP	OPL, Cplex	PMSP, parallel machine, single machine	unavailability, make-span, distributed, flow-shop, completion-time, energy efficiency, re-scheduling, precedence, single-machine scheduling	cumulative, Pulse constraint, endBeforeStart, alternative constraint		scheduling, activity, resource, job, task, machine, order	1042	n/a
PapaB98 [685]	25	edge-finder, energetic reasoning, edge-finding	hoist	benchmark	constraint satisfaction, CP, CLP, constraint programming, propagation, CSP	Ilog Solver, CHIP, Claire	PJSSP, Resource-constrained Project Scheduling Problem, JSSP	reactive scheduling, flow-shop, distributed, cmax, setup-time, job-shop, due-date, preempt, re-scheduling, make-span, completion-time, preemptive	cumulative, table constraint, Disjunctive constraint, Cardinality constraint, disjunctive		machine, activity, task, resource, job, order, scheduling	1330	1802
Pape94 [682]	34				propagation, constraint programming, constraint satisfaction, constraint logic programming, CP, CLP			stochastic, multi-agent, inventory, job-shop, due-date, distributed, release-date, precedence, re-scheduling	cumulative, disjunctive		machine, task, order, activity, resource, scheduling, job	1344	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PengLC14 [688]	7	genetic algorithm		real-life, benchmark	CP, constraint optimization, COP, CSP, constraint programming, constraint satisfaction, propagation		single machine	stochastic, job-shop, earliness, preempt, setup-time, make-span, distributed, precedence, sequence dependent setup, due-date, preemptive, tardiness, completion-time			machine, job, resource, order, scheduling, task	1169	n/a
PenzDN23 [689]	13	memetic algorithm, meta heuristic, ant colony, simulated annealing	maintenance scheduling, semiconductor		CP, COP	Cplex	parallel machine, single machine	periodic, job-shop, single-machine scheduling, earliness, preempt, setup-time, sustainability, make-span, flow-time, one-machine scheduling, release-date, unavailability, breakdown, preemptive, tardiness, completion-time, stochastic		semiconductor industry	activity, machine, job, resource, order, scheduling	991	n/a
PesantGPR99 [694]	11	time-tabling		real-life, benchmark	constraint logic programming, propagation, constraint programming, CLP, CP	Ilog Solver, ECLiPSe		job-shop, transportation, make-span, re-scheduling, distributed, inventory, Infeasible			task, order, scheduling, job, resource	1322	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PinarbasiAY19 [699]	14	time-tabling, genetic algorithm, particle swarm, meta heuristic, ant colony	robot	benchmark, real-life	constraint satisfaction, constraint programming, propagation, COP, CSP, CP, constraint optimization	OPL, Ilog Solver, Cplex		completion-time, stochastic, multi-objective, precedence, inventory, Infeasible	cycle, bin-packing, cumulative		resource, job, task, scheduling, machine, order	1091	n/a
PintoG97 [700]	18	MINLP			CP	OPL		setup-time, manpower, earliness, batch process, due-date, completion-time, flow-shop, Infeasible	Disjunctive constraint, disjunctive		resource, order, scheduling, machine, job, task	1334	n/a
PoderBS04 [702]	16				constraint satisfaction, CP, constraint programming	CHIP	RCPSP	release-date, preempt, precedence, producer/consumer, preemptive, due-date	cumulative	chemical industry	order, activity, resource, scheduling, task, machine	1280	n/a
PohlAK22 [703]	16	simulated annealing, large neighborhood search, column generation	airport, aircraft	benchmark, real-world	constraint programming, propagation, CP	Cplex, Gurobi	single machine, SCC	lateness, release-date, transportation, precedence, sequence dependent setup, rescheduling, tardiness, completion-time, stochastic, single-machine scheduling, earliness, inventory, setup-time	cumulative, noOverlap		job, resource, scheduling, activity, order, machine	1023	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Polo-MejiaALB20 [705]	18	mat heuristic, meta heuristic, particle swarm		github, Roadef	CP, constraint programming, propagation	Cplex, CPO	RCPSP, Resource-constrained Project Scheduling Problem	setup-time, cmax, precedence, due-date, tardiness, preemptive, make-span, completion-time, periodic, multi-objective, preempt, earliness, Benders Decomposition, release-date	alternative constraint, Calendar constraint, endBeforeStart, alwaysIn, Disjunctive constraint, cumulative, noOverlap, disjunctive		activity, machine, scheduling, resource, task, job, order	1071	1754
PourDERB18 [707]	12	genetic algorithm, meta heuristic, ant colony	maintenance scheduling, railway, crew-scheduling	real-world, generated instance, real-life, benchmark	COP, constraint satisfaction, propagation, CP, constraint optimization, constraint programming, CSP	OR-Tools, Cplex		multi-objective, stochastic, transportation, Infeasible			order, job, scheduling, task, machine	1115	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PrataAN23 [711]	17	mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, time-tabling, large neighborhood search, particle swarm	dairy, robot, energy-price, aircraft	real-life, benchmark, real-world	CP, constraint programming	CHIP	single machine, Open Shop Scheduling Problem, parallel machine	multi-objective, setup-time, release-date, no-wait, single-machine scheduling, Logic-Based Benders Decomposition, make-span, bi-objective, order scheduling, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, lateness, re-scheduling, stochastic, inventory, distributed, job-shop, open-shop, Benders Decomposition	circuit, cumulative	manufacturing industry	order, activity, scheduling, task, job, machine, resource	962	1709

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
QinDCS20 [718]	18	meta heuristic, GRASP, particle swarm	shipping line, container terminal, yard crane	real-life, benchmark	constraint programming, CSP, CP	Cplex, OPL	parallel machine	tardiness, completion-time, transportation, cmax, Benders Decomposition, Logic-Based Benders Decomposition, setup-time, make-span, explanation, precedence, Infeasible	noOverlap, endBeforeStart, cycle	maritime industry, shipping industry	order, scheduling, machine, job, task, activity, resource	1072	n/a
QinDS16 [719]	19	simulated annealing, meta heuristic, column generation	sports scheduling, container terminal, crew-scheduling		CP, constraint programming, COP, propagation, constraint satisfaction	OPL, SCIP, Cplex	parallel machine	Logic-Based Benders Decomposition, explanation, stochastic, completion-time, transportation, Benders Decomposition, periodic, Pareto, make-span, stock level, bi-objective, Infeasible	alwaysIn, noOverlap		job, order, scheduling, task, resource, machine, activity	1144	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
QinWSLS21 [717]	12	particle swarm, ant colony, memetic algorithm, meta heuristic, machine learning, genetic algorithm	tournament, agriculture, semiconductor		CP	OPL, Cplex	single machine	job-shop, completion-time, multi-objective, single-machine scheduling, order scheduling, preempt, flow-shop, make-span, two-stage scheduling, tardiness, preemptive, batch process, cmax, lateness		semiconductor industry	order, job, scheduling, machine	1044	n/a
RasmussenT07 [725]	16	time-tabling	sports scheduling, break minimization problem, travelling tournament problem, tournament, round-robin	benchmark	CP, constraint logic programming, constraint programming	Cplex, OPL		Benders Decomposition, Logic-Based Benders Decomposition, Infeasible	alldifferent		scheduling, machine, order	1261	n/a
RasmussenT09 [726]	15	column generation, simulated annealing, time-tabling, meta heuristic	sports scheduling, break minimization problem, travelling tournament problem, tournament, round-robin	benchmark	CP, constraint logic programming, constraint programming	Ilog Solver, Cplex, OPL		distributed, Benders Decomposition			scheduling, order	1241	n/a
ReddyFIBKAJ11 [727]	24		satellite, deep space, robot, telescope		CP, CSP, constraint optimization, constraint satisfaction			distributed, precedence, tardiness, Infeasible	table constraint, bin-packing, cycle		task, activity, scheduling, machine, resource, order	1213	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Ribeiro12 [732]	26	genetic algorithm, time-tabling, GRASP, memetic algorithm, meta heuristic, column generation, simulated annealing	round-robin, crew-scheduling, tourna-ment, break minimiza-tion problem, travelling tournament problem, sports scheduling	random instance, benchmark, real-life	constraint program-ming, CP, constraint satisfaction	Cplex, OPL		multi-objective, Logic-Based Benders Decomposi-tion, Benders Decomposi-tion, Infeasible			machine, order, scheduling	1195	n/a
RiiseML16 [733]	10	meta heuristic, column generation, genetic algorithm	nurse, sports scheduling, operating room, surgery, patient, medical	real-life, real-world	constraint program-ming, CP	Cplex	Resource-constrained Project Scheduling Problem, RCPSP	stochastic, Benders Decomposi-tion, Logic-Based Benders Decomposi-tion, job-shop, preempt, setup-time, make-span, due-date, Infeasible	bin-packing		resource, job, order, activity, scheduling, task	1145	n/a
RodosekWH99 [737]	25		hoist, pipeline, crew-scheduling	benchmark	constraint program-ming, CLP, CP, constraint logic pro-gramming, propaga-tion, constraint satisfaction	Cplex, ECLiPSe			disjunctive, cycle, Disjunctive constraint		task, order, machine, scheduling, resource	1323	n/a
Rodriguez07 [738]	15	GRASP, meta heuristic	railway, satellite, train schedule	real-life	constraint program-ming, CP, propagation	Ilog Solver, Z3, Ilog Scheduler, Cplex		blocking constraint, explana-tion, due-date, job-shop, transporta-tion, precedence, preemptive, preempt	Disjunctive constraint, disjunctive, circuit, Blocking constraint		job, scheduling, resource, task, activity, order	1262	n/a
RodriguezDG02 [740]	10	edge-finding	railway, train schedule		constraint program-ming, propaga-tion, CP			completion-time, transporta-tion	circuit, disjunctive		resource, order, activity, scheduling	1293	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
RoePS05 [742]	15	time-tabling, MINLP	maintenance scheduling		constraint programming, propagation, constraint logic programming, constraint satisfaction, CLP	ECLiPSe, CHIP		setup-time, job-shop, due-date, continuous-process, re-scheduling, tardiness, make-span, lateness, inventory, flow-shop, periodic, batch process, distributed, precedence, Infeasible	disjunctive, Balance constraint, cumulative, Disjunctive constraint		machine, task, resource, job, order, scheduling	1274	n/a
RoshanaeiBAUB20 [743]	19	genetic algorithm, column generation, meta heuristic	operating room, nurse, patient, surgery	real-world, benchmark, generated instance	CP, constraint logic programming, constraint programming, propagation	Cplex	parallel machine	stochastic, sequence dependent setup, Logic-Based Benders Decomposition, Benders Decomposition, job-shop, setup-time, bi-objective, distributed, re-scheduling, Infeasible	bin-packing, noOverlap, disjunctive		activity, machine, scheduling, resource, order, job	1073	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
RoshanaeiLAU17 [745]	17	meta heuristic, column generation	operating room, patient, medical, surgery, nurse	real-world	constraint logic programming, constraint programming, CP, propagation	Cplex, Gurobi	single machine, parallel machine	Benders Decomposition, stochastic, Logic-Based Benders Decomposition, breakdown, job-shop, tardiness, sequence dependent setup, transportation, make-span, release-date, setup-time, distributed, re-scheduling, Infeasible	bin-packing		resource, task, scheduling, order, machine, job	1128	n/a
RoshanaeiN21 [746]	14	genetic algorithm, meta heuristic, column generation	automotive, operating room, patient, surgery	benchmark	CP, constraint logic programming, constraint programming	Cplex, CPO	parallel machine, OSSP	due-date, distributed, online scheduling, re-scheduling, Benders Decomposition, stochastic, setup-time, Logic-Based Benders Decomposition, job-shop, completion-time, explanation, inventory, Infeasible	cumulative, noOverlap		job, order, resource, scheduling, machine	1046	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
RuggieroBBMA09 [749]	14	genetic algorithm	pipeline, satellite	instance generator, real-life	CP, CSP, constraint satisfaction, constraint programming	Ilog Solver, Cplex, Ilog Scheduler		Logic-Based Benders Decomposition, energy efficiency, precedence, Pareto, distributed, Benders Decomposition, preempt, setup-time, Infeasible	circuit, cumulative, cycle		resource, task, activity, machine, scheduling, order	1242	n/a
RussellU06 [750]	12	simulated annealing, time-tabling	tournament, round-robin, sports scheduling	real-world	constraint logic programming, constraint satisfaction, propagation, CP, constraint programming, CSP	OPL, Cplex			Cardinality constraint, alldifferent		order, scheduling	1269	n/a
SacramentoSP20 [752]	33	particle swarm, simulated annealing, meta heuristic, large neighborhood search, mat heuristic, genetic algorithm, machine learning	container terminal	benchmark, real-life, zenodo, real-world	CSP, propagation, constraint programming, CP	Cplex, CPO	parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem	precedence, open-shop, distributed, flow-shop, multi-objective, transportation, make-span, preempt, stochastic, completion-time, preemptive, job-shop, Infeasible	alternative constraint, endBeforeStart, noOverlap, cumulative, disjunctive	shipping industry, maritime industry	task, activity, machine, scheduling, order, resource, job	1074	1755
SadehF96 [753]	41		robot, aircraft	benchmark	CSP, CP, constraint satisfaction, propagation			inventory, make-span, precedence, due-date, re-scheduling, tardiness, release-date, multi-agent, stochastic, job-shop, Infeasible, Over-constrained	Disjunctive constraint, cycle, circuit, disjunctive		activity, resource, order, scheduling, machine, job, task	1339	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SadykovW06 [755]	9	Lagrangian relaxation, column generation	robot	generated instance	constraint programming, CP, CLP	CHIP	parallel machine, single machine	due-date, completion-time, release-date, one-machine scheduling, lateness, Infeasible	disjunctive, Disjunctive constraint		job, scheduling, machine	1270	n/a
SakkoutW00 [757]	30	edge-finder, edge-finding, genetic algorithm, simulated annealing	emergency service, aircraft	benchmark, real-world	propagation, CP, constraint programming, CSP, constraint satisfaction	Cplex, CHIP	single machine, KRFP	distributed, preemptive, job-shop, precedence, single-machine scheduling, transportation, re-scheduling, reactive scheduling, preempt, Infeasible	bin-packing, disjunctive, Disjunctive constraint, Arithmetic constraint		activity, order, job, scheduling, task, machine, resource	1313	1798
Salido10 [758]	4	time-tabling, genetic algorithm	medical, robot, patient	real-life, real-world, benchmark	constraint programming, CSP, CP, COP, constraint satisfaction	OPL		job-shop, preempt, flow-time, distributed, preemptive, tardiness, multi-objective, transportation, multi-agent	cycle	software industry	activity, machine, resource, order, scheduling, job, task	1229	n/a
SchausHMCMD11 [762]	23	meta heuristic, large neighborhood search	steel mill	CSPlib, generated instance, benchmark	CP, CSP, constraint optimization, constraint programming, propagation, constraint logic programming		SCC	stochastic, periodic, Infeasible	Element constraint, Cardinality constraint, bin-packing, GCC constraint	steel industry	task, order	1214	1789

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SchildW00 [763]	23	edge-finding, time-tabling	automotive		constraint logic programming, CLP, propagation, constraint programming, constraint satisfaction	Ilog Solver	single machine	periodic, flow-shop, explanation, precedence, completion-time, distributed, job-shop	disjunctive, Disjunctive constraint, bin-packing, cycle, Reified constraint	automotive industry, aerospace industry	scheduling, task, job, machine, resource, order	1314	1799
SchnellH15 [764]	21	simulated annealing, lazy clause generation, meta heuristic, GRASP	automotive	real-life, benchmark, supplementary material	propagation, CP, constraint programming	SCIP	psplib, RCPSP, Resource-constrained Project Scheduling Problem	preempt, preemptive, explanation, precedence, make-span, net present value, cmax, Infeasible	cycle, cumulative	IT industry	resource, activity, job, scheduling, machine	1157	1775
SchnellH17 [765]	11	genetic algorithm, lazy clause generation, meta heuristic, GRASP		benchmark, supplementary material	propagation, CP, constraint programming	SCIP	psplib, RCPSP, Resource-constrained Project Scheduling Problem	preempt, preemptive, explanation, precedence, make-span, net present value	cumulative		resource, order, job, scheduling, machine	1130	1771
Schreuder92 [766]	12	column generation, neural network, simulated annealing, time-tabling	railway	real-world		OPL		stochastic			job, machine, order, resource, scheduling	1347	n/a
SchuttFSW11 [773]	33	not-last, lazy clause generation, not-first, edge-finding, edge-finder		benchmark, real-world	CSP, constraint programming, CP, propagation, constraint satisfaction	ECLiPSe, CHIP, Ilog Scheduler, SICStus	psplib, Resource-constrained Project Scheduling Problem, RCPSP	explanation, precedence, make-span, preemptive, completion-time, preempt, periodic, open-shop	Disjunctive constraint, span constraint, disjunctive, circuit, cumulative		scheduling, resource, task, activity, machine, order	1215	1790
SchuttFSW13 [774]	17	genetic algorithm, lazy clause generation, meta heuristic		supplementary material, benchmark	constraint programming, CLP, CP, propagation, constraint satisfaction	CHIP	psplib, Resource-constrained Project Scheduling Problem, RCPSP, SCC	explanation, precedence, release-date, preemptive, setup-time, preempt, cmax, Infeasible	disjunctive, cycle, cumulative, Reified constraint		scheduling, resource, task, activity, machine, order	1182	1782

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ShaikhK23 [781]	12	genetic algorithm, time-tabling, meta heuristic, machine learning	medical, drone	benchmark, real-world	constraint programming, CLP, CP, constraint satisfaction			unavailability, re-scheduling, distributed, job-shop, open-shop			job, machine, resource, order, activity, scheduling, task	992	1726
ShinBBHO18 [784]	16		physician, nurse, patient, medical	github, real-world				transportation, preempt, stochastic, inventory			order, job, scheduling, task, machine, resource, activity	1116	1767
Siala15 [785]	2	edge-finding, GRASP, time-tabling	rectangle-packing, automotive	github, Roadef, CSPlib, real-world, benchmark, random instance	propagation, CP, constraint programming	Ilog Solver, CHIP, Claire, OPL, Mistral	single machine, OSP, RCPSP, TMS	sequence dependent setup, setup-time, open-shop, precedence, cmax, job-shop, explanation, due-date, earliness, tardiness, make-span	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		machine, activity, job, order, scheduling, task, resource	1158	1776
SimoninAHL15 [789]	23	sweep	satellite, pipeline, earth observation, robot		CP, constraint programming, propagation	CHIP		precedence, periodic, transportation, make-span, preempt, inventory	disjunctive, span constraint, cycle, cumulative		resource, task, activity, scheduling, order	1159	1777

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Simonis07 [793]	30	sweep, bi-partite matching, meta heuristic, time-tabling	aircraft, airport, patient, medical, round-robin, business process, nurse		CLP, CSP, CP, constraint programming, constraint satisfaction, constraint logic programming, propagation	OPL, Ilog Scheduler, CHIP		make to order, rescheduling, job-shop, transportation, setup-time, release-date, periodic, producer/consumer, bill of material, sequence dependent setup, due-date, batch process, Infeasible	GCC constraint, Atmost constraint, diffn, Cardinality constraint, Cumulatives constraint, disjunctive, bin-packing, Among constraint, cumulative, alldifferent, cycle		resource, order, activity, scheduling, task, job, machine	1263	1792
SimonisCK00 [794]	7		business process, crew-scheduling, aircraft		constraint programming, CP, propagation	CHIP		stock level, producer/consumer, transportation, Over-constrained	disjunctive, bin-packing, circuit, cumulative, diffn, cycle	food industry	activity, task, order, machine, scheduling, resource	1315	n/a
SmithBHW96 [797]	20			real-life	constraint satisfaction, propagation, constraint programming, CSP, CLP, constraint logic programming	OPL, Ilog Solver		Infeasible			resource, order, task	1340	n/a
SourdN00 [799]	12	not-first, edge-finding, genetic algorithm	robot	real-life, benchmark	CP, constraint satisfaction, propagation	Ilog Scheduler	single machine, JSSP	make-span, precedence, cmax, preemptive, completion-time, open-shop, release-date, job-shop, flow-shop, preempt, setup-time	cumulative, disjunctive, Disjunctive constraint		resource, order, scheduling, machine, job	1316	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
SuCC13 [802]	7	time-tabling, column generation	sports scheduling, round-robin, tournament	benchmark	constraint programming, CP	OPL		Benders Decomposition, Logic-Based Benders Decomposition			order, resource, scheduling	1183	n/a
SubulanC22 [803]	38	mat heuristic, genetic algorithm, meta heuristic, ant colony, particle swarm	business process, offshore	real-world, real-life, benchmark	propagation, CP, constraint programming	Cplex, OPL	RCPSP, Resource-constrained Project Scheduling Problem	tardiness, preempt, preemptive, due-date, completion-time, precedence, stochastic, inventory, BOM, breakdown, transportation, make-span, multi-objective	endBeforeStart, cumulative		resource, activity, order, scheduling, task, machine	1025	n/a
SunTB19 [805]	12	simulated annealing, meta heuristic, genetic algorithm	container terminal, yard crane	generated instance, instance generator, benchmark, github, real-life	constraint satisfaction, CP, CSP	Cplex		preempt, precedence, Logic-Based Benders Decomposition, explanation, tardiness, completion-time, transportation, Benders Decomposition, make-span		maritime industry	job, order, scheduling, task, resource	1092	1759
SureshMOK06 [808]	19	genetic algorithm, machine learning	tournament		CP	Z3		stochastic, buffer-capacity, distributed	cycle, cumulative		task, order, machine, scheduling, job	1271	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TanZWGQ19 [814]	10	meta heuristic, particle swarm	robot, automotive	real-world, generated instance, supplementary material	CP, constraint programming	Cplex	SCC, parallel machine	transportation, Benders Decomposition, completion-time, multi-objective, setup-time, periodic, flow-shop, Pareto, precedence, make-span, two-stage scheduling, due-date, batch process, multi-agent, Infeasible	noOverlap		resource, order, task, job, scheduling, machine	1093	1760
TangLWSK18 [816]	28	meta heuristic, genetic algorithm, neural network, particle swarm	pipeline, crew-scheduling, railway		constraint satisfaction, constraint programming, propagation, CP, CSP	Cplex, OPL	RCPSP	preempt, preemptive, stochastic, multi-objective, transportation, re-scheduling, Infeasible	cycle, circuit		resource, activity, job, order, scheduling, task	1117	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TerekhovDOB12 [823]	15	meta heuristic, genetic algorithm	robot	real-life	constraint programming, propagation, CP, constraint satisfaction	Ilog Scheduler, Ilog Solver, Cplex	parallel machine, RCPSP, Resource-constrained Project Scheduling Problem, single machine	order scheduling, cmax, periodic, 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, job-shop, release-date, lateness, single-machine scheduling, Infeasible	cumulative, Balance constraint, alldifferent, disjunctive		resource, job, activity, scheduling, machine, order	1196	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TerekhovTDB14 [824]	38	meta heuristic, genetic algorithm	round-robin, semiconductor, robot	real-world	CP, constraint programming, propagation	Cplex, Ilog Scheduler	single machine, parallel machine	flow-shop, distributed, no preempt, preempt, make-span, preemptive, inventory, re-scheduling, job-shop, flow-time, release-date, stochastic, cmax, periodic, completion-time, tardiness, buffer-capacity, online scheduling			task, activity, scheduling, machine, order, resource, job	1170	n/a
ThiruvadyWGS14 [828]	34	meta heuristic, Lagrangian relaxation, genetic algorithm, ant colony, simulated annealing, machine learning		benchmark	constraint programming, CP		single machine, Resource-constrained Project Scheduling Problem, psplib	explanation, breakdown, precedence, make-span, tardiness, distributed, net present value, stochastic, completion-time, Infeasible	cumulative	mining industry	task, activity, machine, job, scheduling, order, resource	1171	n/a
Timpe02 [831]	18				propagation, constraint logic programming, CP, constraint programming	CHIP, Cplex		breakdown, inventory, make-span, stock level, setup-time, producer/consumer, due-date, Infeasible	Balance constraint, cumulative, cycle, diffn, disjunctive	chemical industry, process industry	task, resource, order, machine, activity, job, scheduling	1294	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TopaloglуO11 [833]	10	column generation, time-tabling	nurse, physician, emergency service, patient, surgery, medical	real-life	CP, constraint logic programming, constraint programming, propagation, constraint satisfaction	Cplex, OPL, Ilog Solver		re-scheduling, multi-objective, preempt, distributed, preemptive, transportation, Infeasible			scheduling, order, task	1216	n/a
TopaloglуSS12 [834]	10	meta heuristic, genetic algorithm, ant colony, simulated annealing	robot	real-life, generated instance, benchmark	constraint programming, propagation, CP, constraint satisfaction	OPL, Ilog Solver, Cplex		stochastic, cmax, multi-objective, preempt, precedence, preemptive, Infeasible	cycle		resource, task, scheduling, order	1197	n/a
TorresL00 [835]	12	not-last, energetic reasoning, not-first	robot	benchmark	propagation, constraint programming, CSP, CP, constraint satisfaction		single machine, JSSP	precedence, job-shop, preempt, release-date, make-span, preemptive	disjunctive, cumulative, cycle		resource, order, scheduling, task, job, machine	1317	n/a
TranAB16 [838]	13	simulated annealing, meta heuristic, ant colony, genetic algorithm, column generation	aircraft	benchmark	constraint programming, CP, constraint logic programming	SCIP, Gurobi, Cplex	PMSP, single machine, parallel machine	sequence dependent setup, due-date, tardiness, completion-time, release-date, cmax, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, setup-time, make-span, explanation, single-machine scheduling, precedence	cycle, circuit		order, scheduling, machine, job, resource	1146	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TranPZLDB18 [841]	17	machine learning	high performance computing	generated instance, benchmark	CP	Cplex	single machine	preempt, periodic, distributed, online scheduling, energy efficiency, make-span, preemptive, completion-time, stochastic, re-scheduling	bin-packing		machine, scheduling, resource, job, task, order	1118	n/a
TranVNB17 [843]	68		robot, medical, satellite	real-world	constraint logic programming, CP, propagation, constraint programming	OPL, MiniZinc, Cplex		Benders Decomposition, multi-objective, Logic-Based Benders Decomposition, precedence, unavailability, multi-agent, re-scheduling, transportation, Infeasible	alternative constraint, Cardinality constraint, noOverlap, cumulative		order, activity, resource, job, scheduling, task, machine	1131	n/a
TrentesauxPT01 [846]	25	simulated annealing, neural network, genetic algorithm	robot		CLP, constraint programming, constraint logic programming	CHIP		cmax, completion-time, precedence, distributed, inventory, multi-agent, make-span, continuous-process, job-shop	cumulative, cycle, disjunctive		resource, task, scheduling, order, activity, machine, job	1301	n/a
TrojetHL11 [849]	7		robot	real-world	constraint programming, CSP, CP, constraint satisfaction, propagation, constraint logic programming	CHIP, SICStus	RCPSP	job-shop, completion-time, precedence, make-span, distributed, due-date	cumulative, disjunctive, diffn, cycle, alldifferent		activity, job, order, scheduling, task, machine, resource	1217	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Tsang03 [850]	2	time-tabling		real-life	constraint programming, constraint satisfaction			explanation			resource, scheduling	1287	n/a
UnsalO13 [852]	15	GRASP, genetic algorithm, meta heuristic, large neighborhood search	yard crane, hoist, container terminal	real-life, instance generator, real-world, benchmark	constraint programming, CP, CSP, propagation	Ilog Scheduler, Cplex	parallel machine	preempt, make-span, unavailability, precedence, due-date, preemptive, completion-time, transportation	alldifferent, cumulative, disjunctive		activity, machine, resource, order, scheduling, job, task	1184	n/a
UnsalO19 [853]	19	genetic algorithm, column generation	container terminal	real-world, random instance	constraint programming, CP, COP, propagation	OPL, Cplex	parallel machine	Logic-Based Benders Decomposition, preempt, explanation, release-date, re-scheduling, preemptive, BOM, Benders Decomposition, completion-time, stock level, transportation, Infeasible	endBeforeStart, disjunctive		activity, machine, resource, order, scheduling, task	1094	n/a
VilimBC05 [872]	23	edge-finding, not-first, not-last, sweep		benchmark, real-life	CLP, CP, propagation, constraint programming			setup-time, make-span, sequence dependent setup, batch process, precedence, completion-time, distributed, job-shop, open-shop, Infeasible	disjunctive, cumulative, cycle		scheduling, task, job, machine, resource, order, activity	1275	1795

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
VlkHT21 [875]	14	GRASP	automotive, robot	benchmark, industrial partner, random instance, github	CP, constraint programming, propagation	OPL, Cplex, Gurobi, Z3	PMSP	Logic-Based Benders Decomposition, explanation, tardiness, stochastic, due-date, completion-time, Benders Decomposition, periodic, online scheduling, no-wait, distributed, precedence, bi-objective, Infeasible, Unsatisfiable	noOverlap, alternative constraint		scheduling, resource, order	1047	1745
Wallace96 [877]	30	column generation, genetic algorithm, neural network, Lagrangian relaxation, simulated annealing, time-tabling	robot, train schedule, airport, railway, telescope, automotive, aircraft		constraint satisfaction, constraint logic programming, CSP, CP, propagation, constraint programming, CLP	CHIP, ECLiPSe, Ilog Solver, OPL		distributed, explanation, reactive scheduling, multi-agent, stochastic, job-shop, transportation, Benders Decomposition, Infeasible, Over-constrained	circuit, disjunctive, cycle	automotive industry, process industry	activity, task, resource, job, scheduling, machine, order	1341	1805

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
WallaceY20 [879]	19	edge-finding, genetic algorithm, time-tabling, lazy clause generation, meta heuristic	hoist, electroplating, container terminal, robot, yard crane	real-world, benchmark, random instance, real-life	propagation, CP, constraint programming	Gecode, MiniZinc, Chuffed, OPL, Gurobi, Cplex	CHSP	job-shop, flow-shop, explanation, transportation, bi-objective, Benders Decomposition, cyclic scheduling, Logic-Based Benders Decomposition, Infeasible	circuit, Disjunctive constraint, cumulative, disjunctive, cycle		resource, job, task, machine, order, scheduling	1075	1756
WangMD15 [883]	13	mat heuristic, particle swarm, time-tabling, column generation	nurse, operating room, physician, medical, patient, surgery	real-life, real-world	CP, CSP, constraint programming, constraint satisfaction, propagation	OPL, Cplex		stochastic, job-shop, make-span, precedence, cmax, rescheduling, multi-objective, completion-time, no-wait, Infeasible	cumulative, noOverlap		activity, order, job, resource, scheduling, task	1160	n/a
WeilHFP95 [887]	6		patient, medical, nurse		CSP, propagation, constraint programming, constraint satisfaction	CHIP, OPL		job-shop	cycle, Cardinality constraint		task, resource, job, scheduling, order	1342	n/a
WessenCSFPM23 [889]	34		hoist, satellite, robot	real-world, benchmark, github	CP, constraint programming, propagation	Gecode, MiniZinc		precedence, blocking constraint, no-wait, multi-agent, job-shop, periodic, completion-time, flow-shop, distributed, cyclic scheduling, make-span, Infeasible, Unsatisfiable	Blocking constraint, diffn, regular expression, alternative constraint, Regular constraint, cumulative, cycle, circuit		activity, scheduling, resource, job, order, task	993	1727

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
WikarekS19 [890]	22	meta heuristic	robot		constraint programming, CSP, CLP, constraint logic programming, constraint satisfaction, propagation, CP	Z3, SCIP, ECLiPSe	JSSP, RCPSP	precedence, setup-time, cmax, multi-agent, preempt, manpower, make-span, distributed, preemptive, job-shop, flow-shop, inventory, Infeasible	cumulative, disjunctive		job, task, machine, order, scheduling, resource	1096	n/a
WuBB09 [900]	9		railway, crew-scheduling	real-world	constraint optimization, CSP, propagation, constraint satisfaction, constraint programming, CP	Ilog Solver	single machine	distributed, single-machine scheduling, precedence, stochastic, job-shop, completion-time, lateness, flow-time, transportation	Channeling constraint, cumulative		resource, job, scheduling, machine, task, order, activity	1243	n/a
YounespourAKE19 [904]	11	MINLP, ant colony	nurse, surgery, medical, operating room, patient	real-life, real-world	constraint programming, CP	OPL, Z3		re-scheduling, inventory, cmax, precedence, Pareto, completion-time, multi-objective, stochastic, distributed, make-span	cumulative, noOverlap, alternative constraint, span constraint		resource, order, scheduling, activity, machine	1097	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
YunusogluY22 [908]	18	Lagrangian relaxation, mat heuristic, particle swarm, ant colony, simulated annealing, genetic algorithm, meta heuristic, GRASP	robot, medical	benchmark, real-life, real-world, generated instance, supplementary material	constraint programming, propagation, CP	OPL, Cplex	PMSP, parallel machine	release-date, bi-objective, lateness, precedence, sequence dependent setup, job-shop, batch process, cmax, flow-time, completion-time, earliness, transportation, tardiness, make-span, unavailability, setup-time, preempt, inventory, due-date, re-scheduling, multi-objective, breakdown, Infeasible	bin-packing, cumulative, noOverlap, endBeforeStart	insulation industry	order, resource, scheduling, machine, activity, job	1026	1739
YuraszeckMCCR23 [911]	11	GRASP, mat heuristic, meta heuristic		benchmark, github, real-world	CP, constraint programming	OPL, Cplex	RCPSP, Open Shop Scheduling Problem, FJS, OSSP, Resource-constrained Project Scheduling Problem, JSSP	flow-time, make-span, multi-objective, preempt, batch process, job-shop, setup-time, cmax, open-shop, precedence, flow-shop	endBeforeStart, cumulative	pharmaceutical industry	activity, machine, task, resource, order, job, scheduling	994	1728

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
YuraszeckMPV22 [910]	26	meta heuristic, mat heuristic, genetic algorithm, ant colony, simulated annealing	robot, semiconductor, automotive	real-life, generated instance, benchmark, github	constraint programming, CP, propagation	Cplex	Open Shop Scheduling Problem, OSSP, single machine, JSSP	sequence dependent setup, no-wait, transportation, make-span, release-date, setup-time, distributed, flow-shop, flow-time, re-scheduling, due-date, cyclic scheduling, stochastic, completion-time, open-shop, job-shop	noOverlap, disjunctive, Disjunctive constraint	manufacturing industry	scheduling, order, machine, job, resource, task	1027	1740

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiKS16 [914]	17	time-tabling, meta heuristic, genetic algorithm, machine learning, simulated annealing	robot	real-world	CP, propagation, constraint satisfaction, CSP, constraint programming	Ilog Solver	single machine	make-span, preemptive, completion-time, preempt, earliness, tardiness, single-machine scheduling, distributed, breakdown, due-date, job-shop, transportation, flow-shop, multi-objective			machine, order, job, scheduling, resource, task	1147	n/a
Zeballos10 [916]	19	ant colony	robot		constraint satisfaction, CP, constraint programming, CSP	Ilog Solver, OPL, ECLiPSe, Ilog Scheduler		multi-objective, tardiness, make-span, due-date, completion-time, batch process, breakdown, transportation, precedence, Infeasible			order, scheduling, task, machine, activity, resource	1230	n/a
ZeballosCM10 [917]	11	simulated annealing, NEH	robot, semiconductor	real-life	constraint programming, CLP, propagation, CP	Ilog Solver, Cplex, Z3, OPL	single machine	earliness, transportation, batch process, rescheduling, make-span, breakdown, inventory, flow-shop, reactive scheduling, Infeasible	circuit	process industry, semiconductor industry	task, activity, scheduling, machine, job, order, resource	1231	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZeballosH05 [918]	10	genetic algorithm	robot		CP, CSP, propagation, constraint satisfaction, constraint programming	OPL, Ilog Solver, Ilog Scheduler		make-span, tardiness, buffer-capacity, due-date, explanation, transportation, completion-time, precedence			order, machine, scheduling, job, activity, resource, task	1276	n/a
ZeballosM09 [919]	13			real-world	CLP, CP, constraint logic programming, propagation, constraint satisfaction, constraint programming	OPL, Ilog Solver, Ilog Scheduler		make-span, breakdown, due-date, job-shop, transportation, completion-time, batch process, Infeasible			order, machine, scheduling, job, activity, resource, task	1244	n/a
ZeballosNH11 [920]	17	meta heuristic		real-world	CP, CSP, constraint programming, CLP, propagation, constraint satisfaction	Cplex, ECLiPSe, Ilog Scheduler, OPL, OZ, Ilog Solver		due-date, Benders Decomposition, make-span, manpower, setup-time, preempt, inventory, lateness, no-wait, preemptive, precedence, earliness, job-shop, tardiness, batch process, completion-time, Infeasible		chemical industry	scheduling, job, order, resource, task, activity	1218	n/a

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Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZeballosQH10 [921]	20	ant colony, genetic algorithm	robot	real-world, benchmark	CP, constraint programming, constraint satisfaction	ECLiPSe, Ilog Scheduler, OPL, Ilog Solver, Cplex		make-span, breakdown, preempt, multi-objective, preemptive, precedence, earliness, job-shop, transportation, tardiness, cmax, completion-time, due-date, Infeasible			order, resource, task, activity, scheduling, machine, job	1232	n/a
ZengM12 [922]	9	simulated annealing, meta heuristic, time-tabling	break minimization problem, tournament, travelling tournament problem, sports scheduling, round-robin	real-world, benchmark	propagation, CP, constraint programming	Cplex		explanation, re-scheduling, Infeasible	Element constraint, alldifferent		order, scheduling	1199	n/a
ZhangW18 [926]	18	meta heuristic, ant colony, particle swarm, simulated annealing, genetic algorithm, memetic algorithm	robot	benchmark	constraint programming, CP	Cplex, Z3, OPL	FJS	no-wait, lateness, transportation, unavailability, multi-agent, breakdown, tardiness, multi-objective, completion-time, flow-shop, stochastic, setup-time, job-shop, earliness, preempt, flow-time, distributed, precedence, re-scheduling, make-span	cumulative, noOverlap		job, scheduling, resource, order, machine	1119	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZhangYW21 [925]	10	memetic algorithm, meta heuristic, simulated annealing, genetic algorithm, particle swarm, ant colony	robot	benchmark	constraint satisfaction, CP, constraint programming	Cplex	RCPSP, Resource-constrained Project Scheduling Problem	preempt, setup-time, precedence, make-span, preemptive, batch process, multi-agent, cmax, re-scheduling, multi-objective, release-date, distributed, job-shop	disjunctive, endBeforeStart		job, scheduling, task, machine, order, activity, resource	1048	n/a
ZhaoL14 [928]	8	simulated annealing, genetic algorithm, MINLP, column generation	operating room, patient, medical, surgery, nurse, crew-scheduling, railway	real-world, random instance, generated instance	CP, constraint programming, propagation, constraint satisfaction	Cplex, OPL	parallel machine	job-shop, re-scheduling, stochastic, setup-time, Infeasible	span constraint, alternative constraint, noOverlap	forest industry	job, order, scheduling, machine, task, resource	1172	n/a
Zhou97 [930]	29	edge-finder, edge-finding		benchmark	constraint programming, constraint logic programming, CP, CLP, CSP, propagation, constraint satisfaction	CHIP, Z3, Ilog Scheduler		job-shop, due-date, preempt, preemptive, completion-time, precedence, explanation, release-date, Infeasible	Disjunctive constraint, disjunctive, cumulative		task, order, job, scheduling, machine	1335	1804

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZhuSZW23 [933]	22	ant colony, particle swarm, genetic algorithm, column generation	robot	real-world, benchmark	constraint programming, constraint satisfaction, propagation, CSP, CP	Cplex		completion-time, open-shop, transportation, multi-agent, cmax, job-shop, Benders Decomposition, Logic-Based Benders Decomposition, preempt, setup-time, make-span, distributed, inventory, precedence, re-scheduling	alternative constraint, disjunctive, noOverlap, endBeforeStart	cable industry	order, scheduling, machine, job, task, resource	995	n/a
ZouZ20 [936]	10	meta heuristic, genetic algorithm	pipeline	benchmark	CSP, propagation, constraint satisfaction, constraint programming, CP	Cplex, OPL		explanation, multi-objective, stochastic, completion-time, two-stage scheduling, precedence, distributed, Infeasible	noOverlap, span constraint, endBeforeStart, cumulative		resource, scheduling, task, order, activity	1077	n/a
abs-0907-0939 [697]	12	sweep, energetic reasoning, edge-finding		real-world	constraint programming, propagation, CSP, CP	Choco Solver, CHIP		explanation, due-date, preempt, make-span, preemptive, release-date, Over-constrained	Cumulatives constraint, RelSoftCumulativeSum, cumulative, SoftCumulative, SoftCumulativeSum, Cardinality constraint, RelSoftCumulative		resource, task, activity, scheduling, order	1245	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-1009-0347 [772]	37	genetic algorithm, lazy clause generation		benchmark, instance generator	constraint programming, propagation, CP	Ilog Scheduler, Ilog Solver, CHIP	RCPSP, SCC, Resource-constrained Project Scheduling Problem, psplib	cmax, explanation, preempt, make-span, precedence, preemptive, Infeasible, explainable	cumulative, disjunctive, cycle		resource, task, activity, scheduling, machine, order	1233	n/a
abs-1901-07914 [106]	8		robot	real-world, github, benchmark	constraint programming, CP, CSP, constraint satisfaction, constraint optimization, propagation	OR-Tools, MiniZinc		distributed, multi-agent, make-span, Unsatisfiable			resource, task, machine, scheduling, order	1098	1761
abs-1902-01193 [20]	9	simulated annealing, meta heuristic, time-tabling, genetic algorithm, particle swarm	medical, nurse		CSP, constraint satisfaction, constraint optimization, CLP, constraint programming, CP, propagation, constraint logic programming	CHIP, Ilog Solver, OPL		BOM, stochastic			scheduling, activity, order, resource, task	1099	n/a
abs-1902-09244 [393]	62	genetic algorithm, particle swarm, simulated annealing, meta heuristic	aircraft	real-world, benchmark, industry partner	constraint programming, CP, propagation	OPL, Cplex	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	setup-time, flow-shop, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, make-span, release-date	cycle, cumulative, endBeforeStart	automobile industry, steel industry, food-processing industry, glass industry, processing industry	activity, machine, job, order, resource, task, scheduling	1100	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-1911-04766 [329]	16	simulated annealing, meta heuristic, time-tabling, large neighborhood search	automotive	real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner	constraint programming, CP	CPO, Cplex, MiniZinc, Chuffed, Gecode	RCPSP, Resource-constrained Project Scheduling Problem	explanation, precedence, release-date, multi-objective, make-span, due-date, completion-time, re-scheduling	alternative constraint, endBeforeStart, noOverlap, Cardinality constraint, cumulative, disjunctive		task, activity, scheduling, order, resource, job	1101	1762
abs-2102-08778 [217]	10	genetic algorithm		benchmark, real-life, real-world, generated instance	constraint programming, CP	Cplex, OR-Tools, MiniZinc, OPL, CPO	JSSP	flow-shop, make-span, open-shop, job-shop, explanation			task, machine, scheduling, order, resource, job	1049	n/a
abs-2211-14492 [806]	17	quadratic programming, neural network, reinforcement learning, column generation, genetic algorithm, deep learning, ant colony, machine learning, meta heuristic	semiconductor	generated instance, benchmark, random instance	constraint programming, CP, propagation, constraint satisfaction, constraint optimization	OR-Tools, Cplex	single machine	distributed, flow-shop, multi-objective, transportation, make-span, setup-time, due-date, energy efficiency, cmax, completion-time, precedence, job-shop, tardiness	bin-packing, disjunctive, cumulative, Disjunctive constraint		scheduling, order, activity, machine, job, resource, task	1028	n/a

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-2305-19888 [408]	42	meta heuristic, Lagrangian relaxation, genetic algorithm	robot, high performance computing	gitlab, generated instance, real-world, benchmark	constraint programming, CP	Gurobi	parallel machine	sequence dependent setup, distributed, flow-shop, make-span, preempt, setup-time, re-scheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, precedence, Infeasible	alternative constraint, noOverlap, cumulative		scheduling, order, activity, machine, job, resource, task	996	1729
abs-2306-05747 [820]	9	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing		real-world, github, industrial instance, supplementary material, benchmark	propagation, constraint programming, CP, constraint optimization	Choco Solver	JSSP	re-scheduling, make-span, preempt, flow-time, completion-time, periodic, job-shop, precedence, tardiness, flow-shop	noOverlap, disjunctive, cumulative		scheduling, order, resource, job, task, machine	997	1730
abs-2312-13682 [691]	20	large neighborhood search, mat heuristic, meta heuristic	container terminal, train schedule, nurse, steel mill, operating room	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, re-scheduling, make-span, transportation	table constraint, cumulative		activity, machine, scheduling, order, resource, task	998	1731

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

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-2402-00459 [647]	21	particle swarm, simulated annealing, meta heuristic, quadratic programming, Lagrangian relaxation, neural network, reinforcement learning, column generation, mat heuristic, genetic algorithm, ant colony, machine learning	tournament	instance generator, real-world, generated instance, benchmark, github	constraint programming, CP	OPL, OR-Tools	single machine, Resource-constrained Project Scheduling Problem	job-shop, tardiness, multi-objective, net present value, multi-agent, due-date, earliness, completion-time, precedence, Infeasible	Disjunctive constraint, bin-packing, disjunctive, cumulative	mining industry	scheduling, order, machine, job, resource, task	963	1710

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		1					960	1455
PrataAN23 PrataAN23 [711]	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis		1	-		-	-	962	1609
abs-2402-00459 abs-2402-00459 [647]	Genetic-based Constraint Programming for Resource Constrained Job Scheduling		2	y		n	-	963	1707
AbreuNP23 AbreuNP23 [234]	A new two-stage constraint programming approach for open shop scheduling problem with machine blocking		10	?		?	?	964	1355
Adelgren2023 Adelgren2023 [11]	On the utility of production scheduling formulations including record keeping variables		12					966	1357
AfsarVPG23 AfsarVPG23 [12]	Mathematical models and benchmarking for the fuzzy job shop scheduling problem		96					967	1358
AkramNHRSA23 AkramNHRSA23 [19]	Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming		0	n		n	-	968	1360
Caballero23 Caballero23 [175]	Scheduling through logic-based tools		1	-		-	PhD Thesis	971	1417
Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 [294]	Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches		2					974	1453
GokPTGO23 GokPTGO23 [348]	Constraint-based robust planning and scheduling of airport apron operations through simheuristics		10					977	1463
GuoZ23 GuoZ23 [373]	Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut		14					979	1471
GurPAE23 GurPAE23 [374]	Operating room scheduling with surgical team: a new approach with constraint programming and goal programming		0	n		n	-	980	1473
IsikYA23 IsikYA23 [445]	Constraint programming models for the hybrid flow shop scheduling problem and its extensions		4	y		y	-	981	1504
LacknerMMWW23 LacknerMMWW23 [515]	Exact methods for the Oven Scheduling Problem		0	DZN JSON		y	[514]	983	1531
MontemanniD23 MontemanniD23 [617]	Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming		6	ref	y	n	-	985	1568
MontemanniD23a MontemanniD23a [616]	Constraint programming models for the parallel drone scheduling vehicle routing problem		0	ref		n	-	986	1569
NaderiBZR23 NaderiBZR23 [632]	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty		7					988	1574
NaderiRR23 NaderiRR23 [637]	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook		8					989	1575
ShaikhK23 ShaikhK23 [781]	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems		2	?		?	?	992	1639

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
WessenCSFPM23 WessenCSFPM23 [889]	A constraint programming model for the scheduling and workspace layout design of a dual-arm multi-tool assembly robot		19					993	1674
YuraszeckMCCR23 YuraszeckMCCR23 [911]	A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem		0	ref		n	-	994	1679
abs-2305-19888 abs-2305-19888 [408]	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers		1	y	y	n	-	996	1704
abs-2306-05747 abs-2306-05747 [820]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming		0	ref		n	-	997	1705
abs-2312-13682 abs-2312-13682 [691]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended		0	n		n	-	998	1706
AbreuN22 AbreuN22 [233]	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times		0	y		n	-	999	1354
CampeauG22 CampeauG22 [178]	Short- and medium-term optimization of underground mine planning using constraint programming		0	ref		n		1003	1418
ColT22 ColT22 [224]	Industrial-size job shop scheduling with constraint programming		4					1005	1430
EmdeZD22 EmdeZD22 [274]	Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition		7					1007	1442
FarsiTM22 FarsiTM22 [293]	Integrated surgery scheduling by constraint programming and meta-heuristics		10					1009	1452
HeinzNVH22 HeinzNVH22 [407]	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers		3					1012	1489
MullerMKP22 MullerMKP22 [622]	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning		3					1017	1570
YunusogluY22 YunusogluY22 [908]	Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times		10					1026	1678
YuraszeckMPV22 YuraszeckMPV22 [910]	A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem		5					1027	1680
AbohashimaEG21 AbohashimaEG21 [4]	A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints		0					1029	1352
HamP21 HamP21 [381]	Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study		1					1036	1481
HamPK21 HamPK21 [382]	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming		4					1037	1482

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
KoehlerBFFHPSSS21 KoehlerBFFH-PSSS21 [483]	Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints		9	DZN		y	-	1039	1517
VlkHT21 VlkHT21 [875]	Constraint programming approaches to joint routing and scheduling in time-sensitive networks		0					1047	1669
BenediktMH20 BenediktMH20 [116]	Power of pre-processing: production scheduling with variable energy pricing and power-saving states		4	JSON		y		1056	1398
CauwelaertDS20 CauwelaertDS20 [197]	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities		2					1058	1422
FachiniA20 FachiniA20 [285]	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows		6					1059	1447
FallahiAC20 FallahiAC20 [290]	Tabu search and constraint programming-based approach for a real scheduling and routing problem		0					1060	1450
HauderBRPA20 HauderBRPA20 [394]	Resource-constrained multi-project scheduling with activity and time flexibility		0					1064	1486
LunardiBLRV20 LunardiBLRV20 [567]	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem		1					1066	1547
MejiaY20 MejiaY20 [593]	A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times		2					1067	1555
MengZRZL20 MengZRZL20 [599]	Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem		0					1068	1560
Polo-MejiaALB20 Polo-MejiaALB20 [705]	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility		2					1071	1607
SacramentoSP20 SacramentoSP20 [752]	Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports		4					1074	1627
WallaceY20 WallaceY20 [879]	A new constraint programming model and solving for the cyclic hoist scheduling problem		2	DZN		y		1075	1671
ColT2019a ColT2019a [223]	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem		1					1080	1429
HoundjiSW19 HoundjiSW19 [438]	The item dependent stockingcost constraint		2					1085	1502
SunTB19 SunTB19 [805]	A Benders decomposition-based framework for solving quay crane scheduling problems		1					1092	1649
TanZWGQ19 TanZWGQ19 [814]	A Hybrid MIP–CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes		0					1093	1651
abs-1901-07914 abs-1901-07914 [106]	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks		0					1098	1698
abs-1911-04766 abs-1911-04766 [329]	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling		10					1101	1701

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
CauwelaertLS18 CauwelaertLS18 [196]	How efficient is a global constraint in practice? - A fair experimental framework		1					1105	1423
FahimiOQ18 FahimiOQ18 [287]	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last		0	(y)		n		1106	1448
GoldwaserS18 GoldwaserS18 [351]	Optimal Torpedo Scheduling		0					1109	1465
LaborieRSV18 LaborieRSV18 [512]	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG		3	-		-	-	1114	1530
ShinBBHO18 ShinBBHO18 [784]	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling		4					1116	1640
CarlssonJL17 CarlssonJL17 [189]	Scheduling double round-robin tournaments with divisional play using constraint programming		2					1120	1421
KreterSS17 KreterSS17 [500]	Using constraint programming for solving RCPSP/max-cal		5	dead			[499]	1126	1523
NattafAL17 NattafAL17 [641]	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions		2	n		n	-	1127	1578
SchnellH17 SchnellH17 [765]	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs		6					1130	1635
Kameugne15 Kameugne15 [462]	Propagation techniques of resource constraint for cumulative scheduling		2	-		-	PhDThesis	1153	1511
LetortCB15 LetortCB15 [528]	Synchronized sweep algorithms for scalable scheduling constraints		4	dead		-	[527]	1154	1533
NattafAL15 NattafAL15 [640]	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints		1	n		n		1155	1577
SchnellH15 SchnellH15 [764]	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations		3					1157	1634
Siala15 Siala15 [785]	Search, propagation, and learning in sequencing and scheduling problems		2	-		-	PhD Thesis	1158	1641
SimoninAHL15 SimoninAHL15 [789]	Scheduling scientific experiments for comet exploration		0	n		n	[788]	1159	1642
KameugneFSN14 KameugneFSN14 [467]	A quadratic edge-finding filtering algorithm for cumulative resource constraints		2	y			[466]	1166	1513
HeinzSB13 HeinzSB13 [406]	Using dual presolving reductions to reformulate cumulative constraints		1	ref		-	-	1176	1490
MenciaSV13 MenciaSV13 [596]	Intensified iterative deepening A* with application to job shop scheduling		0					1179	1557
OzturkTHO13 OzturkTHO13 [677]	Balancing and scheduling of flexible mixed model assembly lines		2	y		-	-	1181	1595
SchuttFSW13 SchuttFSW13 [774]	Solving RCPSP/max by lazy clause generation		6					1182	1638
HeinzSSW12 HeinzSSW12 [404]	Solving steel mill slab design problems		2	Cplex		dead	-	1186	1491
LimtanyakulS12 LimtanyakulS12 [539]	Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes		1	dead		-	-	1187	1536

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
LombardiM12 LombardiM12 [555]	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey		0	-		-	-	1188	1539
BartakS11 BartakS11 [78]	Constraint satisfaction for planning and scheduling problems		2	-		-		1201	1382
KovacsB11 KovacsB11 [493]	A global constraint for total weighted completion time for unary resources		2	n		n	-	1210	1521
KovacsK11 KovacsK11 [495]	Constraint programming approach to a bilevel scheduling problem		2	n		n	-	1211	1522
SchausHMCMD11 SchausHMCMD11 [762]	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS		3	dead				1214	1632
SchuttFSW11 SchuttFSW11 [773]	Explaining the cumulative propagator		7	PSPLib		-	-	1215	1637
LopesCSM10 LopesCSM10 [559]	A hybrid model for a multiproduct pipeline planning and scheduling problem		2	-		-	[621, 620]	1226	1543
Simonis07 Simonis07 [793]	Models for Global Constraint Applications		0	n		n		1263	1643
Hooker06 Hooker06 [427]	An Integrated Method for Planning and Scheduling to Minimize Tardiness		2	n		n	[425]	1266	1496
Hooker05 Hooker05 [424]	A Hybrid Method for the Planning and Scheduling		0	n		n	[423]	1273	1495
VilimBC05 VilimBC05 [872]	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities		0	n		n	[871]	1275	1668
BaptisteP00 BaptisteP00 [69]	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems		0	n		n		1303	1379
HeipckeCCS00 HeipckeCCS00 [409]	Scheduling under Labour Resource Constraints		0	dead		n	-	1309	1492
SakkoutW00 SakkoutW00 [757]	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling		0	n		n	-	1313	1630
SchildW00 SchildW00 [763]	Scheduling of Time-Triggered Real-Time Systems		0	n		n	-	1314	1633
BensanaLV99 BensanaLV99 [125]	Earth Observation Satellite Management		0	?		-	-	1319	1400
BelhadjiI98 BelhadjiI98 [113]	Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving		0	n		n	-	1326	1397
PapaB98 PapaB98 [685]	Resource Constraints for Preemptive Job-shop Scheduling		0	dead		-	-	1330	1598
Darby-DowmanLMZ97 Darby-DowmanLMZ97 [228]	Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem		0	n		n	-	1331	1433
Zhou97 Zhou97 [930]	A Permutation-Based Approach for Solving the Job-Shop Problem		0	n		n	[929]	1335	1693
Wallace96 Wallace96 [877]	Practical Applications of Constraint Programming		0	-		-	-	1341	1670

4 Authors

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
J. Christopher Beck	58	809	LuoB22 [570], ZhangBB22 [924], TangB20 [815], RoshanaeiBAUB20 [743], SenderovichBB19 [779], TranPZLDB18 [841], TranVNB17 [843], TranVNB17a [844], CohenHB17 [216], BoothNB16 [155], KuB16 [502], TranAB16 [838], TranWDRFOVB16 [845], LuoVLBM16 [569], TranDRFWOVB16 [840], BoothTNB16 [156], BajestaniB15 [59], KoschB14 [489], TerekhovTDB14 [824], LouieVNB14 [562], HeinzSB13 [406], HeinzKB13 [403], BajestaniB13 [58], TranTDB13 [842], HeinzB12 [402], TerekhovDOB12 [823], TranB12 [839], ZarandiB12 [295], KovacsB11 [493], BeckFW11 [93], HeckmanB11 [401], BajestaniB11 [57], Beck10 [88], WuBB09 [900], BidotVLB09 [130], CarchraeB09 [181], WatsonB08 [886], KovacsB08 [492], BeckW07 [102], Beck07 [87], KovacsB07 [491], BidotVLB07 [129], Beck06 [86], CarchraeBF05 [182], WuBB05 [899], 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 [749], 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 [861]
Andreas Schutt	27	322	YangSS19 [901], KreterSSZ18 [501], GoldwaserS18 [351], MusliuSS18 [630], KreterSS17 [500], YoungFS17 [905], GoldwaserS17 [350], SchuttS16 [776], SzerediS16 [810], KreterSS15 [499], EvenSH15 [283], EvenSH15a [284], SchuttFSW15 [775], ThiruvadyWGS14 [828], GuSSWC14 [369], SchuttFS13 [770], SchuttFS13a [769], GuSS13 [368], SchuttFSW13 [774], ChuGNSW13 [204], SchuttCSW12 [768], SchuttFSW11 [773], Schutt11 [767], SchuttW10 [777], abs-1009-0347 [772], SchuttFSW09 [771], SchuttWS05 [778]
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 [901], DemirovicS18 [243], KreterSSZ18 [501], MusliuSS18 [630], KreterSS17 [500], SchuttS16 [776], BlomPS16 [136], KreterSS15 [499], BurtLPS15 [172], SchuttFSW15 [775], BlomBPS14 [135], LipovetzkyBPS14 [540], GuSSWC14 [369], SchuttFS13 [770], SchuttFS13a [769], GuSS13 [368], SchuttFSW13 [774], SchuttCSW12 [768], GuSW12 [370], SchuttFSW11 [773], BandaSC11 [236], abs-1009-0347 [772], SchuttFSW09 [771], OhrimenkoSC09 [667]
Mark G. Wallace	22	511	WallaceY20 [879], He0GLW18 [395], SchuttFSW15 [775], ThiruvadyWGS14 [828], GuSSWC14 [369], SchuttFSW13 [774], SchuttCSW12 [768], GuSW12 [370], SchuttFSW11 [773], abs-1009-0347 [772], SchuttFSW09 [771], MilanoW09 [609], MilanoW06 [608], Wallace06 [878], AjiliW04 [18], EreminW01 [276], SakkoutW00 [757], RodosekWH99 [737], RodosekW98 [736], SakkoutRW98 [756], Wallace96 [877], Wallace94 [876]
Pierre Lopez	21	178	JuvinHHL23 [456], JuvinHL23a [459], JuvinHL23 [458], HebrardALLCMR22 [396], JuvinHL22 [457], Polo-MejiaALB20 [705], NattafHKAL19 [644], NattafAL17 [641], NattafALR16 [642], SimoninAHL15 [789], NattafAL15 [640], ArtiguesL14 [46], ArtiguesLH13 [47], SimoninAHL12 [788], BillautHL12 [131], LahimerLH11 [516], TrojetHL11 [849], BriandHHL08 [165], EsquirolLH2008 [281], LopezAKYG00 [560], TorresL00 [835]
Christian Artigues	19	339	PovedaAA23 [708], PohlAK22 [703], HebrardALLCMR22 [396], ArtiguesHQT21 [45], Polo-MejiaALB20 [705], NattafHKAL19 [644], NattafAL17 [641], NattafALR16 [642], SimoninAHL15 [789], NattafAL15 [640], SialaAH15 [787], ArtiguesL14 [46], ArtiguesLH13 [47], SimoninAHL12 [788], ArtiguesF07 [44], NeronABCDD06 [661], 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 [789], SialaAH15 [787], GrimesH15 [360], BessiereHMQW14 [127], SimoninAHL12 [788], 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 [796], Simonis07 [793], SimonisCK00 [794], Simonis99 [792], SimonisC95 [795], Simonis95 [791], Simonis95a [790], 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 [749], BeniniLMR08 [122], BeniniLMMR08 [121], BeniniBGM06 [120], BeniniBGM05 [118], BeniniBGM05a [119]
Pierre Schaus	16	91	CauwelaertDS20 [197], ThomasKS20 [829], 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 [762], SchausD08 [761]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Nicolas Beldiceanu	15	475	Madi-WambaLOBM17 [574], Madi-WambaB16 [573], LetortCB15 [528], LetortCB13 [527], LetortBC12 [526], ClercqPBJ11 [213], BeldiceanuCDP11 [109], BeldiceanuCP08 [110], PoderB08 [701], BeldiceanuP07 [112], PoderBS04 [702], BeldiceanuC02 [108], BeldiceanuC01 [107], BeldiceanuC94 [111], AggounB93 [13]
Mats Carlsson	15	147	FrimodigECM23 [311], WessenCSFPM23 [889], WessenCS20 [888], 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 [873], LaborieR14 [513], Laborie09 [510], BidotVLB09 [130], BidotVLB07 [129], BaptisteLPN06 [65], NeronABCDD06 [661], GodardLN05 [343], Laborie05 [509], Laborie03 [508], FocacciLN00 [300]
Philippe Baptiste	14	475	BaptisteB18 [64], Baptiste09 [63], BaptisteLPN06 [65], NeronABCDD06 [661], ArtiouchineB05 [49], Baptiste02 [62], BaptistePN01 [70], BaptisteP00 [69], BaptistePN99 [66], PapaB98 [685], BaptisteP97 [68], PapeB97 [684], PapeB96 [683], BaptisteP95 [67]
Pascal Van Hentenryck	14	180	KotaryFH22 [490], KletzanderMH21 [482], FontaineMH16 [302], EvenSH15 [283], EvenSH15a [284], SchausHMCMD11 [762], PacinoH11 [680], MonetteDH09 [615], DoomsH08 [255], HentenryckM08 [412], MercierH08 [600], MercierH07 [601], HentenryckM04 [411], DincbasSH90 [252]
Nysret Musliu	13	20	LacknerMMWW23 [515], WinterMMW22 [891], 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 [685], NuijtenP98 [660], BaptisteP97 [68], PapeB97 [684], PapeB96 [683], BaptisteP95 [67], Pape94 [682]
Roman Barták	11	88	SvancaraB22 [809], JelinekB16 [450], BartakV15 [80], Bartak14 [76], BartakS11 [78], BartakCS10 [77], BartakSR10 [79], VilimBC05 [872], VilimBC04 [871], 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 [753], FoxS90 [306], FoxAS82 [305]
Louis-Martin Rousseau	11	275	CappartTSR18 [180], DoulabiRP16 [260], PesantRR15 [695], DoulabiRP14 [259], MalapertCGJLR13 [580], MalapertCGJLR12 [579], MalapertGR12 [581], ChapadosJR11 [202], HachemiGR11 [376], CastroGR10 [192], CorreaLR07 [220]
Tony T. Tran	11	141	TranPZLDB18 [841], TranVNB17 [843], TranVNB17a [844], TranAB16 [838], TranWDRFOVB16 [845], TranDRFWOVB16 [840], FrankDT16 [307], BoothTNB16 [156], TerekhovTDB14 [824], TranTDB13 [842], TranB12 [839]
Petr Vilím	11	313	LaborieRSV18 [512], VilimLS15 [873], Vilim11 [870], Vilim09 [868], Vilim09a [869], VilimBC05 [872], Vilim05 [867], VilimBC04 [871], Vilim04 [866], Vilim03 [865], Vilim02 [864]
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 [689], NattafM20 [645], MalapertN19 [582], NattafDYW19 [643], NattafHKAL19 [644], NattafAL17 [641], Nattaf16 [639], NattafALR16 [642], NattafAL15 [640]
Wim Nuijten	10	512	BaptisteLPN06 [65], GodardLN05 [343], BaptistePN01 [70], SourdN00 [799], FocacciLN00 [300], BaptistePN99 [66], NuijtenP98 [660], NuijtenA96 [659], NuijtenA94 [658], Nuijten94 [657]
Angelo Oddi	10	18	CestaOPS14 [198], OddiRCS11 [665], OddiRC10 [664], PolicellaWSO05 [704], OddiPCC05 [663], OddiPCC03 [662], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199], OddiS97 [666]
Claude-Guy Quimper	10	25	FahimiQ23 [288], BoudreaultSLQ22 [160], OuelletQ22 [673], Mercier-AubinGQ20 [602], FahimiOQ18 [287], KameugneFGOQ18 [463], OuelletQ18 [672], GingrasQ16 [341], BessiereHMQW14 [127], OuelletQ13 [671]
Narendra Jussien	9	199	MalapertCGJLR13 [580], MalapertCGJLR12 [579], ClercqPBJ11 [213], HladikCDJ08 [419], CambazardJ05 [177], CambazardHDJT04 [176], ElkhyariGJ02 [272], ElkhyariGJ02a [273], JussienL02 [455]
Armin Wolf	9	51	GeitzGSSW22 [332], Wolf11 [894], SchuttW10 [777], Wolf09 [897], WolfS05 [896], WolfS05a [895], SchuttWS05 [778], Wolf05 [893], Wolf03 [892]
Cemalettin Öztürk	9	76	GokPTGO23 [348], OrnekOS20 [670], AntunesABD20 [30], GokGSTO20 [347], AntunesABD18 [29], OrnekO16 [669], OzturkTHO15 [678], OzturkTHO13 [677], OzturkTHO10 [676]
Amedeo Cesta	8	18	CestaOPS14 [198], OddiRCS11 [665], OddiRC10 [664], OddiPCC05 [663], OddiPCC03 [662], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199]
Thibaut Feydy	8	173	YoungFS17 [905], SchuttFSW15 [775], SchuttFS13 [770], SchuttFS13a [769], SchuttFSW13 [774], SchuttFSW11 [773], abs-1009-0347 [772], SchuttFSW09 [771]
Gabriela P. Henning	8	179	NovaraNH16 [651], NovasH14 [655], NovasH12 [654], ZeballosNH11 [920], NovasH10 [653], ZeballosQH10 [921], ZeballosH05 [918], QuirogaZH05 [721]
Roger Kameugne	8	20	KameugneFND23 [464], ThomasKS20 [829], 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 [746]
Barry O'Sullivan	8	15	ArmstrongGOS22 [39], ArmstrongGOS21 [38], AntunesABD20 [30], AntunesABD18 [29], HurleyOS16 [442], KinsellaS0OS16 [477], GrimesIOS14 [362], IfrimOS12 [443]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Erwin Pesch	8	486	MullerMKP22 [622], BlazewiczEP19 [133], DomdorfPH03 [254], Dorndorf2000 [258], DorndorfPH99 [257], DorndorfHP99 [256], BlazewiczDP96 [173], PeschT96 [696]
Vahid Roshanaei	8	187	NaderiRR23 [637], NaderiBZR23 [632], NaderiR22 [635], NaderiRBAU21 [636], RoshanaeiN21 [746], RoshanaeiBAUB20 [743], RoshanaeiLAU17 [745], RoshanaeiLAU17a [744]
Stephen F. Smith	8	7	CestaOPS14 [198], OddiRCS11 [665], PolicellaWSO05 [704], CestaOS00 [201], CestaOF99 [200], CestaOS98 [199], OddiS97 [666], SmithC93 [798]
Andrew J. Davenport	7	41	Davenport10 [229], DavenportKRSH07 [230], OkanoDTRYA04 [668], 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 [700]
Zdenek Hanzálek	7	27	Mehdizadeh-Somarin23 [592], abs-2305-19888 [408], HeinzNVH22 [407], VlkHT21 [875], 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 [695], DoulabiRP14 [259], BourdaisGP03 [161], PesantGPR99 [694]
Luis J. Zeballos	7	131	ZeballosNH11 [920], ZeballosQH10 [921], Zeballos10 [916], ZeballosCM10 [917], ZeballosM09 [919], ZeballosH05 [918], QuirogaZH05 [721]
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 [762], MonetteDH09 [615], SchausD08 [761], MonetteDD07 [614]
Jeremy Frank	6	14	TranWDRFOVB16 [845], TranDRFWOVB16 [840], FrankDT16 [307], ReddyFIBKAJ11 [727], 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 [678], OzturkTHO13 [677], OzturkTHO12 [675], OzturkTHO10 [676], RossiTHP07 [747]
Juan M. Novas	6	174	Novas19 [652], NovaraNH16 [651], NovasH14 [655], NovasH12 [654], ZeballosNH11 [920], NovasH10 [653]
Emmanuel Poder	6	27	BeldiceanuCDP11 [109], abs-0907-0939 [697], BeldiceanuCP08 [110], PoderB08 [701], BeldiceanuP07 [112], PoderBS04 [702]
Michael A. Trick	6	150	Trick11 [848], RasmussenT09 [726], RasmussenT07 [725], RasmussenT06 [724], Trick03 [847], EastonNT02 [262]
Arslan Örnek	6	78	OrnekOS20 [670], OrnekO16 [669], OzturkTHO15 [678], OzturkTHO13 [677], OzturkTHO12 [675], OzturkTHO10 [676]
Hacı Mehmet Alakaş	5	48	AlakaP23 [22], Alaka21 [21], PinarbasiA20 [716], GurEA19 [937], 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 [900], WuBB05 [899]
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 [661], DemasseyAM05 [242], Demassey03 [241]
Hanyu Gu	5	39	EtminaniesfahaniGNMS22 [282], ThiruvadyWGS14 [828], GuSSWC14 [369], GuSS13 [368], GuSW12 [370]
Willem-Jan van Hoeve	5	62	HookerH17 [436], GilesH16 [340], GoelSHFS15 [346], HoeveGSL07 [861], 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 [817], FontaineMH16 [302], SchausHMCMD11 [762], HentenryckM08 [412], HentenryckM04 [411]
Goldie Nejat	5	77	TranVNB17 [843], TranVNB17a [844], BoothNB16 [155], BoothTNB16 [156], LouieVNB14 [562]
Cédric Pralet	5	11	SquillaciPR23 [800], PachecoPR19 [679], Pralet17 [709], HebrardHJMPV16 [397], PraletLJ15 [710]
Joaquin Rodriguez	5	118	MarliereSPR23 [587], RodriguezS09 [741], Rodriguez07 [738], Rodriguez07b [739], RodriguezDG02 [740]
Martino Ruggiero	5	70	BeniniLMR11 [123], LombardiMRB10 [558], RuggieroBBMA09 [749], BeniniLMR08 [122], BeniniLMMR08 [121]
Miguel A. Salido	5	121	BartakS11 [78], BartakSR10 [79], Salido10 [758], BartakSR08 [83], AbrilSB05 [6]
Mohamed Siala	5	9	AntunesABD20 [30], AntunesABD18 [29], Siala15 [785], SialaAH15 [787], Siala15a [786]
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 [854], 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 [875], 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 [743], RoshanaeiLAU17 [745], RoshanaeiLAU17a [744]
Andrea Bartolini	4	40	BorghesiBLMB18 [157], BridiBLMB16 [166], BridiLBBM16 [167], BartoliniBBLM14 [81]
Davide Bertozzi	4	52	RuggieroBBMA09 [749], BeniniBGM06 [120], BeniniBGM05 [118], BeniniBGM05a [119]
Kyle E. C. Booth	4	72	RoshanaeiBAUB20 [743], SenderovichBB19 [779], BoothNB16 [155], BoothTNB16 [156]
Jacques Carlier	4	76	CarlierSJP21 [188], CarlierPSJ20 [187], ClautiauxJCM08 [211], NeronABCDD06 [661]
Sascha Van Cauwelaert	4	20	CauwelaertLS18 [196], CauwelaertDMS16 [194], DejemeppeCS15 [239], CauwelaertLS15 [195]
Geoffrey Chu	4	47	GuSSWC14 [369], ChuGNSW13 [204], SchuttCSW12 [768], BandaSC11 [236]
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]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [898], 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 [762], MonetteDH09 [615], MonetteDD07 [614]
Greger Ottosson	4	361	HookerO03 [434], MilanoORT02 [607], HookerOTK00 [435], GetoorOFC97 [337]
Yanick Ouellet	4	10	OuelletQ22 [673], FahimiOQ18 [287], KameugneFGOQ18 [463], OuelletQ18 [672]
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 [697]
Nicola Policella	4	13	CestaOPS14 [198], PolicellaWSO05 [704], OddiPCC05 [663], OddiPCC03 [662]
Mehmet Pınarbaşı	4	25	AlakaP23 [22], Pinarbasi21 [715], PinarbasiA20 [716], AlakaPY19 [23]
Philippe Refalo	4	95	GarganiR07 [319], BeckR03 [99], MilanoORT02 [607], Refalo00 [728]
Christian Schulte	4	26	WessenCSFPM23 [889], WessenCS20 [888], FrimodigS19 [312], LozanoCDS12 [563]
Christine Solnon	4	20	GroleazNS20 [365], GroleazNS20a [364], SacramentoSP20 [752], MelgarejoLS15 [16]
Pierre Tassel	4	0	TasselGS23 [819], abs-2306-05747 [820], Tassel22 [818], KovacsTKSG21 [498]
Daria Terekhov	4	23	TanT18 [812], TerekhovTDB14 [824], TranTDB13 [842], TerekhovDOB12 [823]
Dhananjay R. Thiruvady	4	32	abs-2402-00459 [647], abs-2211-14492 [806], ThiruvadyWGS14 [828], ThiruvadyBME09 [827]
David R. Urbach	4	161	NaderiRBAU21 [636], RoshanaeiBAUB20 [743], RoshanaeiLAU17 [745], RoshanaeiLAU17a [744]
József Váncza	4	9	KovacsV06 [497], KovacsEKV05 [494], KovacsV04 [496], VanczaM01 [862]
Toby Walsh	4	2	GelainPRVW17 [333], BessiereHMQW14 [127], ChuGNSW13 [204], HebrardTW05 [398]
Felix Winter	4	0	LacknerMMWW23 [515], WinterMMW22 [891], LacknerMMWW21 [514], GeibingerKKMMW21 [328]
Francisco Yuraszeck	4	31	YuraszeckMCCR23 [911], YuraszeckMC23 [909], YuraszeckMPV22 [910], MejiaY20 [593]
Max Åstrand	4	27	Astrand0F21 [51], Astrand21 [50], AstrandJZ20 [53], AstrandJZ18 [52]
Emile H. L. Aarts	3	65	NuijtenA96 [659], NuijtenA94 [658], 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 [706], CappartTSR18 [180], CappartS17 [179]
Pedro M. Castro	3	403	HarjunkoskiMBC14 [390], CastroGR10 [192], ZeballosCM10 [917]
Ondrej Cepek	3	36	BartakCS10 [77], VilimBC05 [872], VilimBC04 [871]
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 [845], TranDRFWOVB16 [840], FrankDT16 [307]
Ulrich Dorndorf	3	65	Dorndorf2000 [258], DorndorfPH99 [257], DorndorfHP99 [256]
Douglas G. Down	3	22	TranPZLDB18 [841], TerekhovTDB14 [824], TranTDB13 [842]
David Duvivier	3	138	WangMD15 [883], 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 [806], EdwardsBSE19 [266], ThiruvadyBME09 [827]
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]
Laure Pauline Fotso	3	19	KameugneFSN14 [467], KameugneF13 [465], KameugneFSN11 [466]
Maurizio Gabbrielli	3	12	LiuCGM17 [546], AmadiniGM16 [27], FalaschiGMP97 [289]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [819], abs-2306-05747 [820], 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 [727], 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 [860], DarbyDowmanL98 [227], Darby-DowmanLMZ97 [228]
Shixin Liu	3	1	LiFJZLL22 [531], ZhangJZL22 [923], TanSD10 [813]
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 [883], MeskensDL13 [604], MeskensDHG11 [603]
Philippe Michelon	3	68	Acuna-AgostMFG09 [9], LiessM08 [532], DemasseyAM05 [242]
Mahdi Mokhtarzadeh	3	34	FarsiTM22 [293], RabbaniMM21 [722], 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 [853], UnsalO13 [852], EdisO11 [264]
Laurent Perron	3	56	Perron05 [692], PerronSF04 [693], DannaP03 [226]
Eric Pinson	3	41	CarlierSJP21 [188], CarlierPSJ20 [187], GuyonLPR12 [375]
Bruno A. Prata	3	1	PrataAN23 [711], AbreuNP23 [234], AbreuPNF23 [5]
Rasmus V. Rasmussen	3	78	RasmussenT09 [726], RasmussenT07 [725], RasmussenT06 [724]
Yaping Ren	3	143	MengGRZSC22 [597], MengLZB21 [598], MengZRZL20 [599]
Robert Rodosek	3	72	RodosekWH99 [737], RodosekW98 [736], Rodosek94 [735]
Francesca Rossi	3	83	GelainPRVW17 [333], BartakSR10 [79], BartakSR08 [83]
Hani El Sakkout	3	82	KamarainenS02 [460], SakkoutW00 [757], SakkoutRW98 [756]
Gunnar Schrader	3	13	Wolf09 [897], WolfS05 [896], SchuttWS05 [778]
Jens Schulz	3	40	HeinzSB13 [406], HeinzS11 [405], BertholdHLMS10 [126]
Paul Shaw	3	213	LaborieRSV18 [512], VilimLS15 [873], PerronSF04 [693]
Kana Shimada	3	6	NishikawaSTT19 [650], NishikawaSTT18 [648], NishikawaSTT18a [649]
Gilles Simonin	3	8	GodetLHS20 [345], SimoninAHL15 [789], SimoninAHL12 [788]
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 [843], TranVNB17a [844], LouieVNB14 [562]
Gérard Verfaillie	3	119	HebrardHJMPV16 [397], VerfaillieL01 [863], BensanaLV99 [125]
Daniel Walkiewicz	3	0	LacknerMMWW23 [515], WinterMMW22 [891], LacknerMMWW21 [514]
Jean-Paul Watson	3	57	BeckFW11 [93], WatsonB08 [886], WatsonBHW99 [885]
Laurence A. Wolsey	3	50	HoundjiSW19 [438], HoundjiSWD14 [439], SadykovW06 [755]
Seyda Topaloglu Yildiz	3	22	IsikYA23 [445], YunusogluY22 [908], KucukY19 [507]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [711], 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 [885]
Nicolas Barnier	2	0	WangB23 [882], WangB20 [881]
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 [911], YuraszeckMC23 [909]
Tom Carchrae	2	16	CarchraeB09 [181], CarchraeBF05 [182]
Yarong Chen	2	7	PengLC14 [688], 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 [663], OddiPCC03 [662]
Emilie Danna	2	23	DannaP04 [225], DannaP03 [226]
Ken Darby-Dowman	2	56	DarbyDowmanL98 [227], Darby-DowmanLMZ97 [228]
Stéphane Dauzère-Pérès	2	14	PenzDN23 [689], 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 [718], QinDS16 [719]
Sebastian Engell	2	384	KlankeBYE21 [479], HarjunkoskiMBC14 [390]
Tamer Eren	2	20	GurPAE23 [374], GurEA19 [937]
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 [880]
Gerhard Friedrich	2	3	FriedrichFMRSST14 [310], KusterJF07 [506]
Sara Frimodig	2	3	FrimodigECM23 [311], FrimodigS19 [312]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [694]
Anne-Marie George	2	1	AntunesABD20 [30], AntunesABD18 [29]
Vincent Gingras	2	1	KameugneFGOQ18 [463], GingrasQ16 [341]
Gaël Glorian	2	0	PerezGSL23 [690], abs-2312-13682 [691]
Arthur Godet	2	1	Godet21a [344], GodetLHS20 [345]
Adrian Goldwaser	2	8	GoldwaserS18 [351], GoldwaserS17 [350]
Carla P. Gomes	2	0	HoeveGSL07 [861], 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 [765], SchnellH15 [764]
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 [885]
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 [727], DraperJCJ99 [261]
Kamran Kianfar	2	11	GhandehariK22 [338], YounespourAKE19 [904]
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 [690], abs-2312-13682 [691]
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 [863], 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 [745], RoshanaeiLAU17a [744]
Chang Lv	2	105	MengLZB21 [598], MengZRZL20 [599]
Gilles Madi-Wamba	2	1	Madi-WambaLOBM17 [574], Madi-WambaB16 [573]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [909], 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 [827], 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 [917], ZeballosM09 [919]
Marcelo S. Nagano	2	0	PrataAN23 [711], 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 [806]
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 [845], TranDRFWOVB16 [840]
Mike O'Keeffe	2	1	AntunesABD20 [30], AntunesABD18 [29]
Eva Onaindia	2	27	GarridoAO09 [320], GarridoOS08 [321]
Irem Ozkarahan	2	89	EdisO11a [265], TopaloglugO11 [833]
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 [688], ChenGPSH10 [203]
Guillaume Perez	2	0	PerezGSL23 [690], abs-2312-13682 [691]
Andrew B. Philips	2	437	MintonJPL92 [611], MintonJPL90 [610]
Mehmet Pinarbasi	2	17	GurPAE23 [374], PinarbasiAY19 [699]
Enrico Pontelli	2	0	TardivoDFMP23 [817], VillaverdeP04 [874]
Patrick Prosser	2	0	BeckPS03 [98], Prosser89 [713]
Tianbao Qin	2	44	QinDCS20 [718], QinDS16 [719]
Luis Quesada	2	1	AntunesABD20 [30], AntunesABD18 [29]
Oscar Quiroga	2	35	ZeballosQH10 [921], QuirogaZH05 [721]
Sebastian Raggl	2	14	HauderBRPA20 [394], abs-1902-09244 [393]
Günther R. Raidl	2	14	FrohnerTR19 [314], RendlPHPR12 [730]
Riccardo Rasconi	2	0	OddiRCS11 [665], OddiRC10 [664]
Chandra Reddy	2	20	DavenportKRSH07 [230], OkanoDTRYA04 [668]
Celso C. Ribeiro	2	228	Ribeiro12 [732], KendallKRU10 [471]
Eleanor Gilbert Rieffel	2	3	TranWDRFOVB16 [845], TranDRFWOVB16 [840]
David Rivreau	2	42	NattafALR16 [642], GuyonLPR12 [375]
Stéphanie Roussel	2	1	SquillaciPR23 [800], PachecoPR19 [679]
Chanchal K. Roy	2	43	ZibranR11 [934], ZibranR11a [935]
Norman M. Sadeh	2	95	SadehF96 [753], FoxS90 [306]
Ruslan Sadykov	2	56	SadykovW06 [755], Sadykov04 [754]
Hongyan Sang	2	43	MengGRZSC22 [597], MengLZB21 [598]
Andrea Schaerf	2	0	Schaerf97 [760], Schaerf96 [759]
Konstantin Schekotihin	2	0	TasselGS23 [819], abs-2306-05747 [820]
Hans Schlenker	2	5	WolfS05a [895], AbdennadherS99 [2]
Alexander Schnell	2	36	SchnellH17 [765], SchnellH15 [764]
Joseph D. Scott	2	13	KameugneFSN14 [467], KameugneFSN11 [466]
Bart Selman	2	0	HoeveGSL07 [861], GomesHS06 [354]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Mei Sha	2	44	QinDCS20 [718], QinDS16 [719]
María R. Sierra	2	25	MenciaSV13 [596], MenciaSV12 [595]
Edward M. Sitarski	2	0	BeckDSF97 [91], BeckDSF97a [92]
Wijnand Suijlen	2	0	PerezGSL23 [690], abs-2312-13682 [691]
Yuan Sun	2	0	abs-2402-00459 [647], abs-2211-14492 [806]
Yuanyuan Tan	2	41	TanZWGQ19 [814], TanSD10 [813]
Lixin Tang	2	33	SunTB19 [805], RenT09 [729]
Erich Christian Teppan	2	11	Teppan22 [822], ColT19 [218]
Alexander Tesch	2	9	Tesch18 [826], Tesch16 [825]
Charles Thomas	2	6	ThomasKS20 [829], CappartTSR18 [180]
Erlendur S. Thorsteinsson	2	81	MilanoORT02 [607], Thorsteinsson01 [830]
Maurizio Tomasella	2	2	GokPTGO23 [348], GokGSTO20 [347]
Seyda Topaloglu	2	77	TopaglouSS12 [834], TopaglouO11 [833]
Semra Tunali	2	46	OzturkTHO13 [677], OzturkTHO10 [676]
Semra Tunalı	2	32	OzturkTHO15 [678], OzturkTHO12 [675]
Ozgur Unsal	2	88	UnsalO19 [853], UnsalO13 [852]
Behdin Vahedi-Nouri	2	9	Fatemi-AnarakiTFV23 [294], NouriMHD23 [854]
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 [845], TranDRFWOVB16 [840]
Thierry Vidal	2	58	BidotVLB09 [130], BidotVLB07 [129]
Ruixin Wang	2	0	WangB23 [882], WangB20 [881]
Zhihui Wang	2	3	TranWDRFOVB16 [845], TranDRFWOVB16 [840]
Johan Wessén	2	2	WessenCSFPM23 [889], WessenCS20 [888]
L. Darrell Whitley	2	0	BarbulescuWH04 [72], WatsonBHW99 [885]
Christophe Wolinski	2	19	WolinskiKG04 [898], KuchcinskiW03 [504]
Christine Wei Wu	2	42	WuBB09 [900], WuBB05 [899]
Farouk Yalaoui	2	3	OujanaAYB22 [674], ArbaouiY18 [35]
Neil Yorke-Smith	2	5	EfthymiouY23 [267], WallaceY20 [879]
Stéphane Zampelli	2	23	DerrienPZ14 [246], ZampelliVSDR13 [913]
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 [923]
Jianyang Zhou	2	24	Zhou97 [930], Zhou96 [929]
Minhaz F. Zibran	2	43	ZibranR11 [934], ZibranR11a [935]
	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]
Adnan Ahmad	1	0	NaqviAIAAA22 [638]
Mitchell Ai-Chang	1	3	ReddyFIBKAJ11 [727]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Uwe Aickelin	1	0	abs-2211-14492 [806]
Farid Ajili	1	4	AjiliW04 [18]
J. M. van den Akker	1	2	AkkerDH07 [858]
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 [699]
Atif Alamri	1	0	NaqviAIAAA22 [638]
Andrew Alcock	1	0	RoweJCA96 [748]
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 [668]
Lionel Amodeo	1	1	OujanaAYB22 [674]
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 [749]
Juay Chin Ang	1	0	LimAHO02a [533]
Ola Angelsmark	1	1	AngelsmarkJ00 [28]
Marlene Arangú	1	5	GarridoAO09 [320]
Arthur Araujo	1	72	TranAB16 [838]
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 [915]
Arezoo Atighehchian	1	7	YounespourAKE19 [904]
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 [784]
Roberto Baldacci	1	31	SunTB19 [805]
Marcello Balduccini	1	20	Balduccini11 [60]
Gohram Baloch	1	25	BalochG20 [61]
Zbigniew Antoni Banaszak	1	0	BocewiczBB09 [137]
Maria Garcia de la Banda	1	24	BandaSC11 [236]
Federico Barber	1	0	AbrilSB05 [6]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Ada Barlatt	1	1	BarlattCG08 [73]
Roman Barták	1	54	BartakSR08 [83]
Mohammadreza Barzegaran	1	0	BarzegaranZP20 [84]
Virginie Basini	1	8	Polo-MejiaALB20 [705]
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 [836]
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 [924]
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 [827]
Grzegorz Bocewicz	1	0	BocewiczBB09 [137]
Pim van den Bogaerdt	1	1	BogaerdtW19 [859]
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 [727]
Sally C. Brailsford	1	56	SmithBHW96 [797]
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 [674]
Peter Brucker	1	66	BruckerK00 [169]
Yuriy Brun	1	9	ShinBBHO18 [784]
Vittorio Brusoni	1	1	BrusoniCLMMT96 [170]
Yossi Bukchin	1	66	BukchinR18 [171]
Edmund K. Burke	1	41	PourDERB18 [707]
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]
Oscar Castillo	1	55	ZarandiASC20 [915]
Nicolas Catusse	1	0	CatusseCBL16 [193]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [794]
Jiang Hang Chen	1	27	QinDCS20 [718]
Cheng-Chung Cheng	1	0	SmithC93 [798]
T. C. E. Cheng	1	2	SuCC13 [802]
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 [802]
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 [748]
Michael Codish	1	127	OhrimenkoSC09 [667]
Carleton Coffrin	1	14	SchausHMCMD11 [762]
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 [795]
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 [911]
Kateryna Czerniachowska	1	0	CzerniachowskaWZ23 [222]
Alain Côté	1	0	PopovicCGNC22 [706]
Jean Damay	1	3	NeronABCDD06 [661]
Ernest Davis	1	308	Davis87 [231]
Eugene D. Davis	1	9	BeckDDF98 [89]
Rina Dechter	1	10	FrostD98 [315]
Xavier Delorme	1	0	RodriguezDG02 [740]
Alain Demeure	1	0	JourdanFRD94 [452]
Emir Demirovic	1	4	DemirovicS18 [243]
Nathan Denny	1	0	ElhouraniDM07 [270]
Guido Diepen	1	2	AkkerDH07 [858]
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 [823]
Alexandre Dolgui	1	2	NouriMHD23 [854]
Ulrich Domdorf	1	0	DomdorfPH03 [254]
Wolfgang Domschke	1	344	BlazewiczDP96 [173]
John Donovan	1	3	AwadMDMT22 [54]
Grégoire Dooms	1	1	DoomsH08 [255]
Agostino Dovier	1	0	TardivoDFMP23 [817]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
John H. Drake	1	41	PourDERB18 [707]
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 [913]
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 [707]
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 [904]
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 [889]
Filippo Focacci	1	0	FocacciLN00 [300]
Daniel Fontaine	1	3	FontaineMH16 [302]
Urs Fontana	1	2	KoehlerBFFHPSSS21 [483]
M.A. Forbes	1	0	ForbesHJST24 [303]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Andrea Formisano	1	0	TardivoDFMP23 [817]
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 [887]
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 [693]
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 [706]
Philippe Galinier	1	29	BourdaisGP03 [161]
Cristian Galleguillos	1	1	GalleguillosKSB19 [317]
Xavier Gandibleux	1	0	RodriguezDG02 [740]
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 [856]
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]
Mitsuo Gen	1	19	YunG02 [906]
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 [902]
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 [898]
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]
Matthieu Gondran	1	4	BourreauGGLT22 [162]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Jing Gong	1	14	GongLMW09 [356]
Inés González-Rodríguez	1	0	AfsarVPG23 [12]
Dries Goossens	1	2	BulckG22 [857]
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 [931]
Peng Guo	1	8	GuoHLW20 [372]
Penghui Guo	1	0	GuoZ23 [373]
Xiwang Guo	1	40	TanZWGQ19 [814]
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 [937]
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 [849]
Nizar El Hachemi	1	32	HachemiGR11 [376]
Tarik Hadzic	1	3	SimonisH11 [796]
M.T. Hajian	1	53	RodosekWH99 [737]
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 [860]
Arnauld Hanset	1	0	MeskensDHG11 [603]
Zdeněk Hanzálek	1	2	NouriMHD23 [854]
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 [784]
Fabien Hermenier	1	28	HermenierDL11 [415]
Florian A. Herzog	1	2	KoehlerBFFHPSSS21 [483]
K. Heus	1	56	WeilHFP95 [887]
Gerhard Hiermann	1	14	RendlPHPR12 [730]
Hassan L. Hijazi	1	2	LimHTB16 [535]
Te-Wei Ho	1	2	HoYCLLCLC18 [420]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Wee-Kit Ho	1	0	LimAHO02a [533]
J. A. Hoogeveen	1	2	AkkerDH07 [858]
Markó Horváth	1	5	NattafHKAL19 [644]
John Hou	1	1	DavenportKRSH07 [230]
Guoyu Huang	1	1	CohenHB17 [216]
Peter M. Hubbard	1	56	SmithBHW96 [797]
John G. Hughes	1	0	YeGMH94 [902]
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 [687]
Michael Iatauro	1	3	ReddyFIBKAJ11 [727]
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 [710]
Jan Jelínek	1	0	JelinekB16 [450]
Keith Jewers	1	0	RoweJCA96 [748]
Yingjun Ji	1	0	ZhangJZL22 [923]
Zixi Jia	1	0	LiFJZLL22 [531]
Yunfei Jiang	1	0	LiuJ06 [547]
Yue Jin	1	2	KrogtLPHJ07 [860]
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 [686]
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 [816]
Levent Kandiller	1	0	GunerGSKD23 [371]
Kazuya Kaneko	1	0	YoshikawaKNW94 [903]
John J. Kanet	1	0	KanetAG04 [468]
Thomas Kasper	1	79	BockmayrK98 [139]
Philip Kay	1	11	SimonisCK00 [794]
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 [781]
Ghada El Khayat	1	84	KhayatLR06 [474]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Mohand Ou Idir Khemmoudj	1	8	KhemmoudjPB06 [475]
H. Khorshidian	1	28	ZarandiKS16 [914]
Philip Kilby	1	16	KelarevaTK13 [469]
Dongyun Kim	1	0	KimCMLLP23 [476]
H. J. Kim	1	12	SureshMOK06 [808]
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 [703]
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 [801]
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 [860]
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 [733]
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 [710]
Alexandre Duarte de Almeida Lemos	1	0	Lemos21 [524]
Olivier Lhomme	1	88	JussienL02 [455]
Xingyang Li	1	0	LiFJZLL22 [531]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Siyi Li	1	0	LiFJZLL22 [531]
Xiaodong Li	1	0	abs-2211-14492 [806]
Guipeng Li	1	0	ZhouGL15 [931]
Hong Li	1	4	SunLYL10 [807]
Nan Li	1	4	SunLYL10 [807]
Yunbo Li	1	1	Madi-WambaLOBM17 [574]
Heyse Li	1	8	TranPZLDB18 [841]
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 [928]
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 [717]
Rengkui Liu	1	24	TangLWSK18 [816]
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 [688]
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 [927]
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 [722]
V. Mani	1	12	SureshMOK06 [808]
Carlo Mannino	1	27	RiiseML16 [733]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Marco Mantovani	1	12	BeniniLMMR08 [121]
Oscar Manzano	1	1	MurphyMB15 [625]
Fernando J. M. Marcellino	1	0	SerraNM12 [780]
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 [801]
Geraldo Robson Mateus	1	1	GomesM17 [355]
Mihhail Matskin	1	0	WessenCSFPM23 [889]
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 [902]
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 [891]
Gonzalo Mejía	1	6	YuraszeckMPV22 [910]
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 [922]
João Vitor Moccellin	1	5	AbreuAPNM21 [232]
Pragnesh Jay Modi	1	0	SultanikMR07 [804]
Michael D. Moffitt	1	0	MoffittPP05 [612]
Elizabeth Montero	1	0	YuraszeckMCCR23 [911]
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 [862]
Antonio A. Márquez	1	7	ValleMGT03 [856]
Marc-André Ménard	1	1	BessiereHMQW14 [127]
Carlos Méndez	1	381	HarjunkoskiMBC14 [390]
Leila Moslemi Naeni	1	0	EtminaniesfahaniGNMS22 [282]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
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 [731]
Franklin Nguewouo	1	0	PopovicCGNC22 [706]
Viet Bang Nguyen	1	0	LauLN08 [520]
Gilberto Nishioka	1	0	SerraNM12 [780]
Yuriko Nomura	1	0	YoshikawaKNW94 [903]
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 [720]
Emmanuel Néron	1	3	NeronABCDD06 [661]
Olga Ohrimenko	1	127	OhrimenkoSC09 [667]
Hiroyuki Okano	1	19	OkanoDTRYA04 [668]
S. N. Omkar	1	12	SureshMOK06 [808]
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 [784]
Pierre Ouellet	1	12	OuelletQ13 [671]
Soukaina Oujana	1	1	OujanaAYB22 [674]
Adriana Pacheco	1	1	PachecoPR19 [679]
Dario Pacino	1	0	PacinoH11 [680]
Meghana Padmanabhan	1	8	TranPZLDB18 [841]
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 [681]
Lazaros G. Papageorgiou	1	48	RoePS05 [742]
Hoonseok Park	1	1	ParkUJR19 [686]
Hyun Jeong Park	1	0	LeeKLKKYHP97 [523]
Erica Pastore	1	0	AlfieriGPS23 [25]
Federico Pecora	1	0	WessenCSFPM23 [889]
Theo Pedersen	1	1	HanenKP21 [387]
Bart Peintner	1	0	MoffittPP05 [612]
Paola Pellegrini	1	1	MarliereSPR23 [587]
Joseph C. Pemberton	1	26	PembertonG98 [687]
Louise Penz	1	0	PenzDN23 [689]
Bernard Penz	1	0	CatusseCBL16 [193]
Jordi Pereira	1	6	YuraszeckMPV22 [910]
P. Pesin	1	7	TrentesauxPT01 [846]
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 [700]
Nicolai Pisaruk	1	12	BockmayrP06 [140]
David Pisinger	1	2	SacramentoSP20 [752]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Maximilian Pohl	1	4	PohlAK22 [703]
Martha E. Pollack	1	0	MoffittPP05 [612]
Oliver Polo-Mejía	1	8	Polo-MejiaALB20 [705]
Paul Pop	1	0	BarzegaranZP20 [84]
Louis Popovic	1	0	PopovicCGNC22 [706]
Marc Porcheron	1	8	KhemmoudjPB06 [475]
Jean-Yves Potvin	1	26	PesantGPR99 [694]
M. Poujade	1	56	WeilHFP95 [887]
Marc Pouly	1	2	KoehlerBFFHPSSS21 [483]
Shahrzad M. Pour	1	41	PourDERB18 [707]
Guillaume Povéda	1	0	PovedaAA23 [708]
Matthias Prandtstetter	1	14	RendlPHPR12 [730]
Steven D. Prestwich	1	6	RossiTHP07 [747]
Anna Pryor	1	0	GlobusCLP04 [342]
Jakob Puchinger	1	14	RendlPHPR12 [730]
Jean-Francois Puget	1	6	Puget95 [714]
Vicenç Puig	1	17	EscobetPQPRA19 [279]
Kenneth Pulliam	1	2	KrogtLPHJ07 [860]
Liang Qi	1	40	TanZWGQ19 [814]
Ming Qin	1	12	QinWSLS21 [717]
Yang Qu	1	2	QuSN06 [720]
Yuchen Quan	1	2	ShiYXQ22 [783]
Joseba Quevedo	1	17	EscobetPQPRA19 [279]
Alain Quilliot	1	0	ArtiguesHQT21 [45]
Birger Raa	1	20	ZampelliVSDR13 [913]
Masoud Rabbani	1	4	RabbaniMM21 [722]
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 [707]
Tal Raviv	1	66	BukchinR18 [171]
Sudhakar Y. Reddy	1	3	ReddyFIBKAJ11 [727]
William C. Regli	1	0	SultanikMR07 [804]
Huizhi Ren	1	2	RenT09 [729]
Andrea Rendl	1	14	RendlPHPR12 [730]
Ruben Solozabal Ochoa de Retana	1	0	IklassovMR023 [444]
Vahid Riahi	1	4	RiahiNS018 [731]
Tom Richards	1	0	SakkoutRW98 [756]
Robert Richards	1	1	LudwigKRBMS14 [566]
Sonia Sobieraj Richard	1	1	MarliereSPR23 [587]
Atle Riise	1	27	RiiseML16 [733]
G Rinaldi	1	41	ElfJR03 [269]
Diane Riopel	1	84	KhayatLR06 [474]
Jean-François Rit	1	0	Rit86 [734]
Gregory Rix	1	1	PesantRR15 [695]
Brian Rodrigues	1	5	LimRX04 [534]
Benjamin Roe	1	48	RoePS05 [742]
Jerome Rogerie	1	148	LaborieRSV18 [512]
Jérôme Rogerie	1	17	LaborieR14 [513]
Mohammad Rohaninejad	1	0	Mehdizadeh-Somarin23 [592]
Maximiliano Rojel	1	0	YuraszeckMCCR23 [911]
Juli Romera	1	17	EscobetPQPRA19 [279]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Débora P. Ronconi	1	30	LunardiBLRV20 [567]
Roberto Rossi	1	6	RossiTHP07 [747]
Benoît Rottembourg	1	13	BenoistGR02 [124]
François Roubellat	1	84	ArtiguesR00 [48]
Jean-Marc Rousseau	1	26	PesantGPR99 [694]
John Rowe	1	0	RoweJCA96 [748]
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 [686]
Robert A. Russell	1	22	RussellU06 [750]
Anna Ryabokon	1	3	FriedrichFMRSST14 [310]
Jean-Charles Régin	1	28	Rgin2001 [751]
David Sacramento	1	2	SacramentoSP20 [752]
Shahram Saeidi	1	1	AlizdehS20 [26]
Abderrahim Sahli	1	3	CarlierSJP21 [188]
A. Sahli	1	6	CarlierPSJ20 [187]
Poonam Saini	1	3	PandeyS21a [681]
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 [834]
Anastasia Salyaeva	1	2	KoehlerBFFHPSSS21 [483]
Guido Sand	1	381	HarjunkoskiMBC14 [390]
Maria Sander	1	3	FriedrichFMRSST14 [310]
Eric Sanlaville	1	7	PoderBS04 [702]
Andrew E. Santosa	1	0	ZhuS02 [932]
Óscar Sapena	1	22	GarridoOS08 [321]
Abdul Sattar	1	4	RiahiNS018 [731]
Benhür Satır	1	0	GunerGSKD23 [371]
Rowan Van Schaeren	1	20	ZampelliVSDR13 [913]
Peter Scheiblechner	1	2	KoehlerBFFHPSSS21 [483]
Klaus Schild	1	23	SchildW00 [763]
Thomas Schlechte	1	10	HeinzSSW12 [404]
Thorsten Schmidt	1	1	BenderWS21 [114]
Günter Schmidt	1	38	BlazewiczEP19 [133]
Jan A. M. Schreuder	1	69	Schreuder92 [766]
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 [779]
Thiago Serra	1	0	SerraNM12 [780]
Julie A. Shah	1	71	GombolayWS18 [353]
Nilay Shah	1	48	RoePS05 [742]
Aftab Ahmed Shaikh	1	0	ShaikhK23 [781]
Yufen Shao	1	48	GoelSHFS15 [346]
Xinyu Shao	1	2	ChenGPSH10 [203]
Ganquan Shi	1	2	ShiYXQ22 [783]
Zhongshun Shi	1	12	QinWSLS21 [717]
Leyuan Shi	1	12	QinWSLS21 [717]
Seung Yeob Shin	1	9	ShinBBHO18 [784]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Toramatsu Shintani	1	0	TsurutaS00 [851]
Mohsen Akbarpour Shirazi	1	28	ZarandiKS16 [914]
Stuart Siegel	1	1	DavenportKRSH07 [230]
Vanessa Simard	1	0	BoudreaultSLQ22 [160]
Pawel Sitek	1	0	WikarekS19 [890]
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 [797]
Kate Smith-Miles	1	3	EdwardsBSE19 [266]
Sonia Sobieraj	1	0	RodriguezS09 [741]
Juha-Pekka Soininen	1	2	QuSN06 [720]
Junbo Son	1	1	ZhuSZW23 [933]
Xiaoqing Song	1	1	ZhangLS12 [927]
Shahabeddin Sotudian	1	55	ZarandiASC20 [915]
Francis Sourd	1	7	SourdN00 [799]
Cid Carvalho de Souza	1	31	LopesCSM10 [559]
Helge Spieker	1	6	MossigeGSMC17 [619]
Samuel Squillaci	1	0	SquillaciPR23 [800]
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 [801]
Gary Strohm	1	0	FoxAS82 [305]
Robin Stöhr	1	0	GeitzGSSW22 [332]
Christian Stürck	1	0	HubnerGSV21 [440]
Kaile Su	1	4	RiahiNS018 [731]
Wei Su	1	1	MakMS10 [577]
Ling-Huey Su	1	2	SuCC13 [802]
Kemal Subulan	1	5	SubulanC22 [803]
Premysl Sucha	1	2	BenediktSMVH18 [117]
Ted Yiu Tat Suen	1	3	ChunS14 [207]
Ipek Sugut	1	0	OrnekOS20 [670]
Evan Sultanik	1	0	SultanikMR07 [804]
Quanxin Sun	1	24	TangLWSK18 [816]
Zheng Sun	1	4	SunLYL10 [807]
Defeng Sun	1	31	SunTB19 [805]
Suresh Sundaram	1	12	SureshMOK06 [808]
Aliye Ayca Supciller	1	31	TopaloglusS12 [834]
Pavel Surynek	1	2	BartakCS10 [77]
Jirí Svancara	1	0	SvancaraB22 [809]
Rodney Swab	1	0	MurphyRFSS97 [624]
Ria Szeredi	1	9	SzerediS16 [810]
Alina Sîrbu	1	1	GalleguillosKSB19 [317]
C. Tahon	1	7	TrentesauxPT01 [846]
T. Taimre	1	0	ForbesHJST24 [303]
Martin Takác	1	0	IklassovMR023 [444]
Yingcong Tan	1	1	TanT18 [812]
Tanya Y. Tang	1	6	TangB20 [815]
Siyu Tang	1	7	VlkHT21 [875]
Yuanjie Tang	1	24	TangLWSK18 [816]
Jia-Fu Tang	1	2	LiuGT10 [544]

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Author	Nr Works	Nr Cites	Entries
Fabio Tardivo	1	0	TardivoDFMP23 [817]
Armagan Tarim	1	6	RossiTHP07 [747]
David B. H. Tay	1	0	Tay92 [821]
Fatima Benbouzid-Si Tayeb	1	0	TouatBT22 [836]
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 [696]
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 [831]
Mary Tom	1	0	Tom19 [832]
S. Ali Torabi	1	5	FarsiTM22 [293]
David Tormey	1	3	AwadMDMT22 [54]
Miguel Toro	1	7	ValleMGT03 [856]
Philippe Torres	1	26	TorresL00 [835]
Meriem Touat	1	0	TouatBT22 [836]
Touraïvane	1	2	Touraivane95 [837]
Hélène Toussaint	1	0	ArtiguesHQT21 [45]
D. Trentesaux	1	7	TrentesauxPT01 [846]
Yvon Trinquet	1	33	CambazardHDJT04 [176]
Mariem Trojet	1	11	TrojetHL11 [849]
Mark Trumbo	1	19	OkanoDTRYA04 [668]
Edward P. K. Tsang	1	1	Tsang03 [850]
Francis Ming Fai Tsang	1	0	ChunCTY99 [206]
Takuo Tsuruta	1	0	TsurutaS00 [851]
Paul Tyler	1	0	HebrardTW05 [398]
Jumyung Um	1	1	ParkUJR19 [686]
Timothy L. Urban	1	22	RussellU06 [750]
Sebastian Urrutia	1	181	KendallKRU10 [471]
Raúl E. Valdés-Pérez	1	0	Valdes87 [855]
Richard Anthony Valenzano	1	0	LuoVLBM16 [569]
Carmelo Del Valle	1	7	ValleMGT03 [856]
David Van Bulck	1	2	BulckG22 [857]
Camino R. Vela	1	0	AfsarVPG23 [12]
Kristen Brent Venable	1	1	GelainPRVW17 [333]
Yannis Vergados	1	20	ZampelliVSDR13 [913]
Karen Villaverde	1	0	VillaverdeP04 [874]
Mariona Vilà	1	6	YuraszeckMPV22 [910]
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 [880]
Runsen Wang	1	12	QinWSLS21 [717]
Futian Wang	1	24	TangLWSK18 [816]
Shouyang Wang	1	49	ZhangW18 [926]
Tao Wang	1	36	WangMD15 [883]
Yi Wang	1	8	GuoHLW20 [372]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Yingying Wang	1	40	TanZWGQ19 [814]
Dazhi Wang	1	1	TanSD10 [813]
Chang-Jung Wang	1	57	LiuW11 [545]
Junjie Wang	1	0	LuZZYW24 [564]
Xiaofang Wang	1	0	PolicellaWSO05 [704]
Ezra Wari	1	11	WariZ19 [884]
John Wassick	1	381	HarjunkoskiMBC14 [390]
Masanobu Watanabe	1	0	YoshikawaKNW94 [903]
Mathijs de Weerdt	1	1	BogaerdtW19 [859]
Jan Weglarz	1	38	BlazewiczEP19 [133]
G. Weil	1	56	WeilHFP95 [887]
Radosław Wichniarek	1	0	CzerniachowskaWZ23 [222]
Jaroslaw Wikarek	1	0	WikarekS19 [890]
Ronald J. Wilcox	1	71	GombolayWS18 [353]
H. Paul Williams	1	56	SmithBHW96 [797]
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 [925]
Jianguo Wu	1	1	ZhuSZW23 [933]
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 [763]
Quanshi Xia	1	13	ChuX05 [205]
Hegen Xiong	1	18	FanXG21 [292]
Zhou Xu	1	5	LimRX04 [534]
Yang Xu	1	2	ShiYXQ22 [783]
Mustafa Yüzükırmızı	1	15	AlakaPY19 [23]
Hong Yan	1	8	HookerY02 [437]
Moli Yang	1	1	YangSS19 [901]
Zhouwang Yang	1	2	ShiYXQ22 [783]
Caiyun Yang	1	0	LuZZYW24 [564]
Jia-Sheng Yao	1	2	HoYCLLCLC18 [420]
Min Yao	1	4	SunLYL10 [807]
Peng Ye	1	0	YeGMH94 [902]
Dennis Wai Ming Yeung	1	0	ChunCTY99 [206]
Vassilios Yfantis	1	3	KlankeBYE21 [479]
Kunikazu Yoda	1	19	OkanoDTRYA04 [668]
Myoung Kyun Yoon	1	0	LeeKLKKYHP97 [523]
Masazumi Yoshikawa	1	0	YoshikawaKNW94 [903]
Maryam Younespour	1	7	YounespourAKE19 [904]
Kenneth D. Young	1	6	YoungFS17 [905]
Chunxia Yu	1	6	ZhangYW21 [925]
Xinghuo Yu	1	11	MartinPY01 [589]
Claude Yugma	1	14	NattafDYW19 [643]
David Y. Y. Yun	1	0	KengY89 [472]
Young-Su Yun	1	19	YunG02 [906]
Pinar Yunusoglu	1	20	YunusogluY22 [908]
Mustafa Yuzukirmizi	1	16	PinarbasiAY19 [699]
Marco Zaffalon	1	28	Darby-DowmanLMZ97 [228]
Boukhalfa Zahout	1	0	Zahout21 [912]
M. H. Fazel Zarandi	1	28	ZarandiKS16 [914]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Mohammad Hossein Fazel Zarandi	1	55	ZarandiASC20 [915]
Bahram Zarrin	1	0	BarzegaranZP20 [84]
Shohre Zehtabian	1	0	EmdeZD22 [274]
Lishun Zeng	1	3	ZengM12 [922]
Hongyuan Zha	1	0	LiLZDZW24 [530]
Mengjie Zhang	1	0	abs-2402-00459 [647]
Haotian Zhang	1	0	ZhangJZL22 [923]
Luping Zhang	1	6	ZhangYW21 [925]
Sicheng Zhang	1	49	ZhangW18 [926]
Xujun Zhang	1	1	ZhangLS12 [927]
Lihui Zhang	1	18	ZouZ20 [936]
Jiachen Zhang	1	1	ZhangBB22 [924]
Peter Yun Zhang	1	8	TranPZLDB18 [841]
Xi Zhang	1	1	ZhuSZW23 [933]
Yu Zhang	1	0	LuZZYW24 [564]
Zhaoxia Zhao	1	40	ZhaoL14 [928]
Lanbo Zheng	1	0	LuZZYW24 [564]
Jinlian Zhou	1	0	ZhouGL15 [931]
MengChu Zhou	1	40	TanZWGQ19 [814]
Rong Zhou	1	0	DoRZ08 [253]
Kenny Qili Zhu	1	0	ZhuS02 [932]
Weihang Zhu	1	11	WariZ19 [884]
Jianjun Zhu	1	0	GuoZ23 [373]
Xuedong Zhu	1	1	ZhuSZW23 [933]
Zihao Zhu	1	0	LiLZDZW24 [530]
Pawel Zielinski	1	13	FortinZDF05 [304]
Jürgen Zimmermann	1	25	KreterSSZ18 [501]
Xin Zou	1	18	ZouZ20 [936]
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 [823]
Selin Özpeynirci	1	31	GokgurHO18 [349]
Cemalatin Öztürk	1	5	OzturkTHO12 [675]
Nahum Álvarez	1	0	PovedaAA23 [708]
Emil Åström	1	1	CarlssonKA99 [190]
Gizem Çakir	1	5	SubulanC22 [803]
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	1506	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	1566	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	1485	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	1402	n/a
HookerO03 HookerO03	J. N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[434]	2003	Mathematical Programming	28	317 333 371	0 0	1499	n/a
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	Yes	[231]	1987	Artificial Intelligence	51	308 312 332	21 51	1434	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	1505	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	1395	n/a
KendallKRU10 KendallKRU10	G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia	Scheduling in sports: An annotated bibliography	Yes	[471]	2010	Computers Operations Research	19	181 186 220	0 0	1515	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	1359	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	1497	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	1530	1766
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, P. J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[667]	2009	Constraints An Int. J.	35	127 128 198	15 35	1590	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	1476	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	1483	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	1528	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	1560	1753
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	1400	1800
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	1534	n/a
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[738]	2007	Transportation Research Part B: Methodological	15	117 121 141	6 14	1619	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	1525	n/a
Wallace96 Wallace96	M. G. Wallace	Practical Applications of Constraint Programming	Yes	[877]	1996	Constraints An Int. J.	30	87 89 138	55 143	1670	1805
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	1431	n/a
SadehF96 SadehF96	N. M. Sadeh, M. S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	Yes	[753]	1996	Artificial Intelligence	41	95 97 131	17 56	1628	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	1551	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	1526	n/a
MeskensDL13 MeskensDL13	N. Meskens, D. Duvivier, A. Lianset	Multi-objective operating room scheduling considering desiderata of the surgical team	Yes	[604]	2013	DECISION SUPPORT SYSTEMS	10	102 102 116	31 39	1563	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	CP	Constraint Logic Programming
COP	CP	Constraint Optimization Problem
COVID	ApplicationAreas	Coronavirus disease
CP	CP	Constraint Programming
CSP	CP	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 Algorithms

Table 11: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

Type	Keyword	High	Medium	Low
Algorithms	GRASP	Lemos21 [524], Hooker05b [426]	YuraszeckMCCR23 [911], PovedaAA23 [708], YunusogluY22 [908], RiahiNS018 [731], KendallKRU10 [471]	LacknerMMWW23 [515], IsikYA23 [445], SquillaciPR23 [800], AkramNHRSA23 [19], ArmstrongGOS22 [39], KletzanderMH21 [482], LacknerMMWW21 [514], Zahout21 [912], VlkHT21 [875], AntuoriHHEN21 [32], GokGSTO20 [347], KletzanderM20 [481], QinDCS20 [718], MejiaY20 [593], GroleazNS20a [364], Caballero19 [174], KreterSSZ18 [501], SchnellH17 [765], ZhouGL15 [931], Siala15 [785], Siala15a [786], SchnellH15 [764], UnsalO13 [852], SerraNM12 [780], Ribeiro12 [732], HeinzB12 [402], AchterbergBKW08 [8], Rodriguez07 [738], JainM99 [447]
Algorithms	IGT	ArmstrongGOS22 [39]		
Algorithms	Lagrangian relaxation	HookerH17 [436], ThiruvadyWGS14 [828], GuSS13 [368], GuSW12 [370], MilanoW09 [609], MilanoW06 [608], Mason01 [591]	IsikYA23 [445], AbreuN22 [233], KotaryFH22 [490], ZarandiASC20 [915], Dejemeppe16 [238], BlomPS16 [136], Froger16 [313], EdisO11 [264], Wallace06 [878], BlazewiczDP96 [173]	abs-2402-00459 [647], abs-2305-19888 [408], MarliereSPR23 [587], KimCMLLP23 [476], YunusogluY22 [908], EtminaniesfahaniGNMS22 [282], HeinzNVH22 [407], HamPK21 [382], FallahiAC20 [290], CauwelaertDS20 [197], GurEA19 [937], BaptisteB18 [64], KreterSSZ18 [501], GomesM17 [355], YoungFS17 [905], AlesioBNG15 [24], DejemeppeCS15 [239], GaySS14 [325], ZampelliVSDR13 [913], GuyonLPR12 [375], Menana11 [594], Lombardi10 [548], LiW08 [529], LauLN08 [520], SadykovW06 [755], Gronkvist06 [366], DemasseyAM05 [242], Johnston05 [212], ArtiguesBF04 [42]... (Total: 34)
Algorithms	MINLP	BlomPS16 [136], BlomBPS14 [135], HarjunkoskiMBC14 [390], ZhaoL14 [928], HarjunkoskiJG00 [389]	Adelgren2023 [11], BurtLPS15 [172], PintoG97 [700]	Edis21 [263], YounespourAKE19 [904], EscobetPQPRA19 [279], HookerH17 [436], LimBTBB15a [536], LimBTBB15 [537], LopesCSM10 [559], MouraSCL08a [620], Hooker07 [429], Hooker06 [427], Hooker05a [425], Hooker05 [424], ChuX05 [205], RoePS05 [742], Hooker04 [423], MaraveliasCG04 [585], JainG01 [448], HookerOTK00 [435], HookerO99 [433]
Algorithms	MIQP	WinterMMW22 [891]		BurtLPS15 [172]
Algorithms	NEH	LiLZDZW24 [530], AlfieriGPS23 [25], ArmstrongGOS22 [39], Astrand21 [50], RiahiNS018 [731], WatsonBHW99 [885]	MengLZB21 [598]	AbreuPNF23 [5], IsikYA23 [445], ZhouGL15 [931], ZeballosCM10 [917]
Algorithms	ant colony	abs-2402-00459 [647], Groleaz21 [363], ZarandiASC20 [915], GroleazNS20a [364], ThiruvadyWGS14 [828], ThiruvadyBME09 [827], MeyerE04 [605]	ZhuSZW23 [933], IsikYA23 [445], NaderiBZ22a [631], YuraszeckMPV22 [910], CilKLO22 [208], FarsiTM22 [293], KoehlerBFFHPSSS21 [483], Edis21 [263], ZhangYW21 [925], GroleazNS20 [365], Lunardi20 [568], MejiaY20 [593], FrohnerTR19 [314], GedikKEK18 [326], GedikKBR17 [327], Dejemeppe16 [238], TranAB16 [838], Froger16 [313], DejemeppeCS15 [239], Siala15a [786], MalapertCGJLR12 [579], TopaloglusS12 [834], Malapert11 [578], LiuW11 [545]	LuZZYW24 [564], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], AbreuPNF23 [5], AlfieriGPS23 [25], AlakaP23 [22], PenzDN23 [689], MontemanniD23a [616], MontemanniD23 [617], YuraszeckMC23 [909], GuoZ23 [373], AkramNHRSA23 [19], EtminaniesfahaniGNMS22 [282], SubulanC22 [803], abs-2211-14492 [806], AbreuN22 [233], YunusogluY22 [908], QinWSLS21 [717], LacknerMMWW21 [514], AbohashimaEG21 [4], FanXG21 [292], ArmstrongGOS21 [38], HamPK21 [382], AbidinK20 [3], MengZRZL20 [599], KucukY19 [507], GurEA19 [937], YounespourAKE19 [904], PinarbasiAY19 [699]... (Total: 52)
Algorithms	bi-partite matching			Caballero19 [174], HookerH17 [436], Simonis07 [793], Kumar03 [505], Trick03 [847], Simonis99 [792]

Table 11: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

Type	Keyword	High	Medium	Low
Algorithms	column generation	FrimodigECM23 [311], PohlAK22 [703], GhandehariK22 [338], BourreauGGLT22 [162], KletzanderMH21 [482], HookerH17 [436], CatusseCBL16 [193], Froger16 [313], QinDS16 [719], DoulabiRP14 [259], TopaloglуO11 [833], MilanoW09 [609], AkkerDH07 [858], MilanoW06 [608], Wallace06 [878], Gronkvist06 [366], SadykovW06 [755], Mason01 [591], EreminW01 [276], BruckerK00 [169]	abs-2402-00459 [647], Adelgren2023 [11], abs-2211-14492 [806], Groleaz21 [363], FallahiAC20 [290], KletzanderM20 [481], BenediktSMVH18 [117], RoshanaeiLAU17 [745], DoulabiRP16 [260], EvenSH15 [283], EvenSH15a [284], HeinzSSW12 [404], HachemiGR11 [376], KendallKRU10 [471], CorreaLR07 [220], BeckR03 [99]	FalqueALM24 [291], LuZZYW24 [564], ZhuSZW23 [933], GuoZ23 [373], SquillaciPR23 [800], CampeauG22 [178], PandeyS21a [681], Zahout21 [912], RoshanaeiN21 [746], ZarandiASC20 [915], AntunesABD20 [30], FachiniA20 [285], RoshanaeiBAUB20 [743], UnsalO19 [853], KucukY19 [507], Hooker19 [432], HoundjiSW19 [438], CappartTSR18 [180], AntunesABD18 [29], GoldwaserS18 [351], GedikKEK18 [326], MusliuSS18 [630], DemirovicS18 [243], GoldwaserS17 [350], LiuCGM17 [546], YoungFS17 [905], GedikKBR17 [327], Nattaf16 [639], FontaineMH16 [302]... (Total: 72)
Algorithms	conflict-driven clause learning	Siala15a [786]		Lemos21 [524], Caballero19 [174], SialaAH15 [787]
Algorithms	deep learning	KotaryFH22 [490], MullerMKP22 [622]	IklassovMR023 [444]	LiLZDZW24 [530], EfthymiouY23 [267], AkramNHRSA23 [19], Tassel22 [818], abs-2211-14492 [806], AntuoriHHEN21 [32], TranWDRFOVB16 [845], TranDRFWOVB16 [840], BeckF98 [94]
Algorithms	edge-finder	KameugneFND23 [464], FetgoD22 [298], GingrasQ16 [341], KameugneFSN14 [467], Lombardi10 [548], MercierH08 [600], MercierH07 [601], BaptisteP00 [69], PapeB97 [684]	OuelletQ13 [671], KelbelH11 [470], PapaB98 [685]	BaptisteB18 [64], BonfiettiZLM16 [153], Kameugne14 [461], GuSS13 [368], Schutt11 [767], SchuttFSW11 [773], HeckmanB11 [401], BidotVLB09 [130], MilanoW09 [609], SchuttFSW09 [771], BeckW07 [102], MilanoW06 [608], BeckW05 [101], ValleMGT03 [856], BeckR03 [99], Junker00 [454], SakkoutW00 [757], JainM99 [447], Zhou97 [930], BaptisteP97 [68]
Algorithms	edge-finding	KameugneFND23 [464], JuvinHHL23 [456], TardivoDFMP23 [817], OuelletQ22 [673], FetgoD22 [298], CauwelaertDS20 [197], Caballero19 [174], YangSS19 [901], 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 [671], Letort13 [525], SchuttFS13a [769], Clercq12 [235], Malapert11 [578], KameugneFSN11 [466], Schutt11 [767]... (Total: 58)	BoudreaultSLQ22 [160], LaborieRSV18 [512], Tesch18 [826], GingrasQ16 [341], CauwelaertDMS16 [194], Siala15a [786], Siala15 [785], LetortCB15 [528], DejemeppeCS15 [239], MenciaSV13 [596], LetortCB13 [527], LombardiM12 [555], LetortBC12 [526], Lombardi10 [548], BartakSR10 [79], LiessM08 [532], BartakSR08 [83], HoeveGSL07 [861], ArtiguesF07 [44], MonetteDD07 [614], Vilim04 [866], Kuchcinski03 [503], Bartak02 [75], SchildW00 [763], BaptistePN99 [66], Zhou97 [930]	BonninMNE24 [154], CilKLO22 [208], CampeauG22 [178], Groleaz21 [363], Godet21a [344], Astrand21 [50], WallaceY20 [879], OuelletQ18 [672], GombolayWS18 [353], CauwelaertLS18 [196], BofillCSV17a [142], EmeretlisTAV17 [275], NattafAL17 [641], Tesch16 [825], OrnekO16 [669], GayHLS15 [322], SialaAH15 [787], DerrienP14 [245], GuSS13 [368], ChuGNSW13 [204], HeinzSB13 [406], OzturkTHO13 [677], MenciaSV12 [595], LimtanyakulS12 [539], MalapertCGJLR12 [579], OzturkTHO12 [675], KovacsB11 [493], HeckmanB11 [401], SimonisH11 [796]... (Total: 71)
Algorithms	energetic reasoning	TardivoDFMP23 [817], OuelletQ22 [673], FetgoD22 [298], HanenKP21 [387], CarlierPSJ20 [187], OuelletQ18 [672], Tesch18 [826], CauwelaertLS18 [196], NattafAL17 [641], Fahimi16 [286], NattafALR16 [642], Tesch16 [825], GayHS15a [324], NattafAL15 [640], CauwelaertLS15 [195], ArtiguesL14 [46], DerrienP14 [245], ArtiguesLH13 [47], SchuttFS13a [769], LimtanyakulS12 [539], HeinzS11 [405], Vilim11 [870], 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 [770], Schutt11 [767]	IsikYA23 [445], BoudreaultSLQ22 [160], ArmstrongGOS21 [38], Caballero19 [174], YangSS19 [901], GokgurHO18 [349], Laborie18a [511], BofillCSV17 [143], HookerH17 [436], GingrasQ16 [341], LetortCB15 [528], Derrien15 [244], KameugneFSN14 [467], LetortCB13 [527], MenciaSV13 [596], OuelletQ13 [671], Clercq12 [235], LombardiM12 [555], MenciaSV12 [595], GuyonLPR12 [375], LahimerLH11 [516], Malapert11 [578], BeldiceanuCDP11 [109], ClercqPBJ11 [213], ChenGPSH10 [203], abs-0907-0939 [697], Vilim09a [869], Vilim09 [868], Limtanyakul07 [538]... (Total: 37)
Algorithms	evolutionary computing			LuZZYW24 [564], Groleaz21 [363], Lemos21 [524], Siala15a [786], PerronSF04 [693]

Table 11: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

Type	Keyword	High	Medium	Low
Algorithms	genetic algorithm	LuZZYW24 [564], AbreuNP23 [234], ZhuSZW23 [933], IsikYA23 [445], AbreuPNF23 [5], NaderiBZ22a [631], CilKLO22 [208], AbreuN22 [233], YunusogluY22 [908], BourreauGGLT22 [162], EtminaniesfahaniGNMS22 [282], HamPK21 [382], Groleaz21 [363], Alaka21 [21], ZhangYW21 [925], AbreuAPNM21 [232], Edis21 [263], Zahout21 [912], Astrand21 [50], MengZRZL20 [599], RoshanaeiBAUB20 [743], ZarandiASC20 [915], MejiaY20 [593], Lunardi20 [568], TangLWSK18 [816], GombolayWS18 [353], Froger16 [313], ZarandiKS16 [914], AlesioBNG15 [24]... (Total: 42)	PrataAN23 [711], abs-2402-00459 [647], AkramNHRSA23 [19], ShaikhK23 [781], GokPTGO23 [348], JuvinHL23a [459], abs-2305-19888 [408], AfsarVPG23 [12], KimCMLLP23 [476], AlakaP23 [22], LacknerMMWW23 [515], SubulanC22 [803], ColT22 [224], HeinzNVH22 [407], AwadMDMT22 [54], FarsiTM22 [293], JuvinHL22 [457], Bedhief21 [103], Lemos21 [524], MengLZB21 [598], LacknerMMWW21 [514], KletzanderM20 [481], ZouZ20 [936], PinarbasiAY19 [699], Novas19 [652], ColT2019a [223], ColT19 [218], AlakaPY19 [23], RiahiNS018 [731]... (Total: 61)	ForbesHJST24 [303], NaderiRR23 [637], TasselGS23 [819], Mehdizadeh-Somarin23 [592], WangB23 [882], abs-2306-05747 [820], PovedaAA23 [708], JuvinHHL23 [456], Bit-Monnot23 [132], AalianPG23 [1], OrnekOS20 [670], WinterMMW22 [891], LiFJZLL22 [531], MengGRZSC22 [597], abs-2211-14492 [806], YuraszeckMPV22 [910], MullerMKP22 [622], OujanaAYB22 [674], Teppan22 [822], ZhangJZL22 [923], RoshanaeiN21 [746], AbohashimaEG21 [4], HillTV21 [418], QinWSLS21 [717], KletzanderMH21 [482], ArmstrongGOS21 [38], KoehlerBFFHPSSS21 [483], abs-2102-08778 [217], HubnerGSV21 [440]... (Total: 130)
Algorithms	large neighborhood search	SquillaciPR23 [800], PovedaAA23 [708], AbreuN22 [233], Astrand21 [50], Astrand0F21 [51], GeibingerMM21 [331], AstrandJZ20 [53], Mercier-AubinGQ20 [602], LaborieRSV18 [512], Dejemeppe16 [238], Froger16 [313], LimBTBB15 [537], GaySS14 [325], PacinoH11 [680], MonetteDH09 [615], CarchraeB09 [181], HentenryckM08 [412], PerronSF04 [693], DannaP03 [226]	LuZZYW24 [564], PerezGSL23 [690], abs-2312-13682 [691], AbreuNP23 [234], KimCMLLP23 [476], ZhangBB22 [924], ColT22 [224], Lemos21 [524], Groleaz21 [363], GokGSTO20 [347], ThomasKS20 [829], SacramentoSP20 [752], FachiniA20 [285], abs-1911-04766 [329], DemirovicS18 [243], CappartTSR18 [180], FontaineMH16 [302], VilimLS15 [873], GrimesH15 [360], HarjunkoskiMBC14 [390], UnsalO13 [852], LombardiM12 [555], KelbelH11 [470], SchausHMCMD11 [762], GrimesH11 [359], Menana11 [594], Lombardi10 [548], GodardLN05 [343]	FalqueALM24 [291], PrataAN23 [711], abs-2306-05747 [820], FrimodigECM23 [311], LacknerMMWW23 [515], NaderiBZR23 [632], AalianPG23 [1], AbreuPNF23 [5], NaderiRR23 [637], TasselGS23 [819], Bit-Monnot23 [132], GokPTGO23 [348], BoudreaultSLQ22 [160], BourreauGGLT22 [162], WinterMMW22 [891], PohlAK22 [703], OrnekOS20 [670], EtminaniesfahaniGNMS22 [282], BulckG22 [857], 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 [786], KreterSS15 [499], SchuttFS13 [770], SchuttFSW13 [774], SchuttFS13a [769], KelarevaTK13 [469], Schutt11 [767], SchuttFSW11 [773], abs-1009-0347 [772], SchuttFSW09 [771], OhrimenkoSC09 [667]	PovedaAA23 [708], Bit-Monnot23 [132], BoudreaultSLQ22 [160], OuelletQ22 [673], GeitzGSSW22 [332], Godet21a [344], WallaceY20 [879], FahimiOQ18 [287], SchnellH17 [765], SchuttS16 [776], SzerediS16 [810], SchnellH15 [764], SialaAH15 [787], BofillEGPSV14 [144], GuSS13 [368], SchuttCSW12 [768]	FalqueALM24 [291], AbreuPNF23 [5], TardivoDFMP23 [817], FrimodigECM23 [311], BofillCGGPSV23 [141], KameugneFND23 [464], WangB23 [882], EtminaniesfahaniGNMS22 [282], FetgoD22 [298], GeibingerMM21 [331], HillTV21 [418], GodetLHS20 [345], Mercier-AubinGQ20 [602], YangSS19 [901], AgussurjaKL18 [17], BaptisteB18 [64], GoldwaserS18 [351], YoungFS17 [905], BofillCSV17 [143], CarlssonJL17 [189], GoldwaserS17 [350], MossigeGSMC17 [619], AmadiniGM16 [27], PesantRR15 [695], ArtiguesL14 [46], GuSW12 [370], LombardiM12 [555], GrimesH11 [359], SchuttW10 [777]... (Total: 31)
Algorithms	machine learning	abs-2402-00459 [647], EfthymiouY23 [267], abs-2211-14492 [806], MullerMKP22 [622], Groleaz21 [363], ZarandiASC20 [915], HurleyOS16 [442], EskeyZ90 [280]	LiLZDZW24 [530], GokPTGO23 [348], IklassovMR023 [444], Tassel22 [818], 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 [711], Mehdizadeh-Somarin23 [592], MontemanniD23 [617], JuvinHL23a [459], AkramNHRSA23 [19], GuoZ23 [373], abs-2306-05747 [820], MarliereSPR23 [587], IsikYA23 [445], TasselGS23 [819], GurPAE23 [374], ShaikhK23 [781], LiFJZLL22 [531], ColT22 [224], GeitzGSSW22 [332], ZhangJZL22 [923], PopovicCGNC22 [706], QinWSLS21 [717], HillTV21 [418], HamP21 [381], FanXG21 [292], GeibingerMM21 [331], AbohashimaEG21 [4], GroleazNS20a [364], AntuoriHHEN20 [31], Ham20a [378], Lunardi20 [568], SacramentoSP20 [752], ColT19 [218]... (Total: 53)

Table 11: 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 [752], FachiniA20 [285], ArbaouiY18 [35], Nattaf16 [639]	KimCMLLP23 [476], NaderiBZR23 [632], AlfieriGPS23 [25], YunusogluY22 [908], YuraszeckMPV22 [910], ArmstrongGOS22 [39], AbreuAPNM21 [232], DemirovicS18 [243], Froger16 [313]	PrataAN23 [711], Fatemi-AnarakiTFV23 [294], PerezGSL23 [690], YuraszeckMCCR23 [911], abs-2312-13682 [691], AbreuNP23 [234], MontemanniD23a [616], IsikYA23 [445], SubulanC22 [803], AbreuN22 [233], WinterMMW22 [891], Groleaz21 [363], PandeyS21a [681], HubnerGSV21 [440], GroleazNS20 [365], Lunardi20 [568], Polo-MejiaALB20 [705], GokGSTO20 [347], Hooker19 [432], GokgurHO18 [349], HechingH16 [400], CireCH16 [210], EvenSH15a [284], WangMD15 [883], EvenSH15 [283], Elkhyari03 [271]
Algorithms	max-flow		LopesCSM10 [559], MouraSCL08 [621], Muscettola02 [628]	FanXG21 [292], ZarandiASC20 [915], HoundjiSW19 [438], Froger16 [313], Fahimi16 [286], Kumar03 [505]
Algorithms	memetic algorithm	ZarandiASC20 [915]	AfsarVPG23 [12], MengLZB21 [598], ArmstrongGOS21 [38], AlesioBNG15 [24], LahimerLH11 [516]	PrataAN23 [711], LuZZYW24 [564], AlfieriGPS23 [25], PenzDN23 [689], IsikYA23 [445], NaderiBZ23 [634], EtminaniesfahaniGNMS22 [282], ZhangJZL22 [923], CilKLO22 [208], BulckG22 [857], MengGRZSC22 [597], ColT22 [224], LiFJZLL22 [531], NaderiBZ22 [633], Groleaz21 [363], ZhangYW21 [925], QinWSLS21 [717], AbohashimaEG21 [4], FallahiAC20 [290], Lunardi20 [568], NattafDYW19 [643], RiahiNS018 [731], ZhangW18 [926], GrimesH15 [360], RendlPHPR12 [730], MenciaSV12 [595], Ribeiro12 [732], GrimesH11 [359], KendallKRU10 [471], JainM99 [447]
Algorithms	meta heuristic	PrataAN23 [711], abs-2402-00459 [647], LuZZYW24 [564], AbreuPNF23 [5], MontemanniD23a [616], YuraszeckMC23 [909], GokPTGO23 [348], AbreuNP23 [234], YuraszeckMCCR23 [911], AlfieriGPS23 [25], AfsarVPG23 [12], IsikYA23 [445], NaderiRR23 [637], YuraszeckMPV22 [910], MengGRZSC22 [597], AbreuN22 [233], ArmstrongGOS22 [39], CilKLO22 [208], EtminaniesfahaniGNMS22 [282], WinterMMW22 [891], ZhangJZL22 [923], YunusogluY22 [908], FarsiTM22 [293], Groleaz21 [363], QinWSLS21 [717], HubnerGSV21 [440], AbreuAPNM21 [232], Edis21 [263], MengLZB21 [598]... (Total: 58)	CzerniachowskaWZ23 [222], Fatemi-AnarakiTFV23 [294], MontemanniD23 [617], NaderiBZR23 [632], ZhangBB22 [924], BoudreaultSLQ22 [160], OujanaAYB22 [674], SubulanC22 [803], AwadMDMT22 [54], MullerMKP22 [622], NaderiBZ22a [631], OrnekOS20 [670], TouatBT22 [836], GhandehariK22 [338], abs-2211-14492 [806], Bedhief21 [103], Zahout21 [912], KletzanderMH21 [482], ArmstrongGOS21 [38], HamPK21 [382], AbohashimaEG21 [4], MokhtarzadehTNF20 [613], RoshanaeiBAUB20 [743], HauderBRPA20 [394], GroleazNS20a [364], GroleazNS20 [365], WallaceY20 [879], KletzanderM20 [481], LiuLH19a [542]... (Total: 54)	LiLZDZW24 [530], abs-2305-19888 [408], AlakaP23 [22], PovedaAA23 [708], SquillaciPR23 [800], GurPAE23 [374], Mehdizadeh-Somarin23 [592], KimCMLLP23 [476], EfthymiouY23 [267], JuvinHL23a [459], PerezGSL23 [690], PenzDN23 [689], NaderiBZ23 [634], abs-2306-05747 [820], MarliereSPR23 [587], abs-2312-13682 [691], ShaikhK23 [781], LacknerMMWW23 [515], TasselGS23 [819], GeitzGSSW22 [332], HeinzNVH22 [407], Tassel22 [818], BourreauGGLT22 [162], NaderiBZ22 [633], BulckG22 [857], JuvinHL22 [457], LiFJZLL22 [531], Alaka21 [21], Godet21a [344]... (Total: 153)
Algorithms	neural network	abs-2306-05747 [820], TasselGS23 [819], abs-2211-14492 [806], KotaryFH22 [490], MullerMKP22 [622], ZarandiASC20 [915], JainM99 [447], MintonJPL90 [610]	LiLZDZW24 [530], IklassovMR023 [444], EfthymiouY23 [267], AntuoriHHEN20 [31], HookerH17 [436], MintonJPL92 [611]	abs-2402-00459 [647], GurPAE23 [374], SquillaciPR23 [800], IsikYA23 [445], AfsarVPG23 [12], Tassel22 [818], Groleaz21 [363], FanXG21 [292], KovacsTKSG21 [498], AntuoriHHEN21 [32], Astrand21 [50], FallahiAC20 [290], Lunardi20 [568], GalleguillosKSB19 [317], TangLWSK18 [816], KletzanderM17 [480], TranWDRFOVB16 [845], Froger16 [313], OrnekO16 [669], TranDRFWOVB16 [840], IfrimOS12 [443], LiuW11 [545], ChenGPSH10 [203], HladikCDJ08 [419], JussienL02 [455], TrentesauxPT01 [846], BlazewiczDP96 [173], Wallace96 [877], Nuijten94 [657], Schreuder92 [766]

Table 11: 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 [767], Malapert11 [578], SchuttFSW11 [773], MercierH07 [601], VilimBC05 [872], ArtiouchineB05 [49], Demassey03 [241], Baptiste02 [62], Beck99 [85]	TardivoDFMP23 [817], FetgoD22 [298], GokgurHO18 [349], OuelletQ18 [672], HookerH17 [436], Kameugne15 [462], DejemeppeCS15 [239], KameugneFSN14 [467], Letort13 [525], OuelletQ13 [671], SchuttW10 [777], Lombardi10 [548], BartakSR10 [79], MonetteDD07 [614], VilimBC04 [871], Wolf03 [892], BeckF00 [97], BeckF00a [96], TorresL00 [835], BeckF99 [95]	JuvinHHL23 [456], BoudreaultSLQ22 [160], OuelletQ22 [673], Astrand21 [50], Groleaz21 [363], CauwelaertDS20 [197], CauwelaertLS18 [196], Tesch16 [825], CauwelaertDMS16 [194], GrimesH15 [360], KameugneF13 [465], ChuGNSW13 [204], LimtanyakulS12 [539], MalapertCGJLR12 [579], KameugneFSN11 [466], PacinoH11 [680], Vilim09 [868], Wolf09 [897], BartakSR08 [83], Wolf05 [893], Laborie03 [508], SourdN00 [799]
Algorithms	not-last	KameugneFND23 [464], TardivoDFMP23 [817], OuelletQ18 [672], KameugneFGOQ18 [463], FahimiOQ18 [287], Dejemeppe16 [238], Fahimi16 [286], GayHS15a [324], Kameugne14 [461], Clercq12 [235], Malapert11 [578], Schutt11 [767], SchuttW10 [777], ArtiouchineB05 [49], VilimBC05 [872], SchuttWS05 [778], Vilim05 [867], Vilim04 [866], Wolf03 [892], Demassey03 [241], Baptiste02 [62], Beck99 [85]	FetgoD22 [298], CauwelaertDS20 [197], GokgurHO18 [349], Tesch18 [826], Kameugne15 [462], DejemeppeCS15 [239], KameugneFSN14 [467], OuelletQ13 [671], Letort13 [525], SchuttFS13a [769], SchuttFSW11 [773], Vilim11 [870], KameugneFSN11 [466], Lombardi10 [548], BartakSR10 [79], MercierH07 [601], MonetteDD07 [614], Wolf05 [893], VilimBC04 [871], TorresL00 [835], BeckF00 [97], BeckF00a [96], BeckF99 [95]	JuvinHHL23 [456], OuelletQ22 [673], BoudreaultSLQ22 [160], GeitzGSSW22 [332], Astrand21 [50], Groleaz21 [363], GodetLHS20 [345], YangSS19 [901], CauwelaertLS18 [196], HookerH17 [436], CauwelaertDMS16 [194], Tesch16 [825], GrimesH15 [360], ChuGNSW13 [204], LimtanyakulS12 [539], MalapertCGJLR12 [579], PacinoH11 [680], ChenGPSH10 [203], GrimesHM09 [361], Wolf09 [897], MonetteDH09 [615], Vilim09a [869], Vilim09 [868], BocewiczBB09 [137], BartakSR08 [83], WolfS05 [896], WolfS05a [895], Laborie03 [508], Vilim03 [865]
Algorithms	particle swarm	MengLZB21 [598], SacramentoSP20 [752], ZarandiASC20 [915]	LuZZYW24 [564], ZhuSZW23 [933], AfsarVPG23 [12], IsikYA23 [445], EtminaniesfahaniGNMS22 [282], HamPK21 [382], Edis21 [263], Lunardi20 [568], MejiaY20 [593], MengZRZL20 [599], TanZWGQ19 [814], ZhangW18 [926], Froger16 [313], GrimesH15 [360], MalapertCGJLR12 [579]	BonninMNE24 [154], abs-2402-00459 [647], PrataAN23 [711], Bit-Monnot23 [132], LacknerMMWW23 [515], CzerniachowskaWZ23 [222], AlfieriGPS23 [25], YunusogluY22 [908], SubulanC22 [803], OrnekOS20 [670], AbreuN22 [233], CilKLO22 [208], ColT22 [224], OujanaAYB22 [674], QinWSLS21 [717], KoehlerBFFHPSSS21 [483], AbreuAPNM21 [232], LacknerMMWW21 [514], ZhangYW21 [925], AbidinK20 [3], HauderBRPA20 [394], QinDCS20 [718], FachiniA20 [285], MokhtarzadehTNF20 [613], Polo-MejiaALB20 [705], Novas19 [652], PinarbasiAY19 [699], abs-1902-09244 [393], abs-1902-01193 [20]... (Total: 40)
Algorithms	quadratic programming		WinterMMW22 [891], BurtLPS15 [172]	abs-2402-00459 [647], MarliereSPR23 [587], abs-2211-14492 [806], ZhangBB22 [924], PandeyS21a [681], Hooker19 [432], He0GLW18 [395], Refalo00 [728]
Algorithms	reinforcement learning	IklassovMR023 [444], abs-2211-14492 [806], Tassel22 [818], AntuoriHHEN20 [31], BeckFW11 [93]	LiLZDZW24 [530], abs-2402-00459 [647], abs-2306-05747 [820], IsikYA23 [445], TasselGS23 [819], AntuoriHHEN21 [32]	PrataAN23 [711], AkramNHRSA23 [19], Mehdizadeh-Somarin23 [592], AfsarVPG23 [12], GokPTGO23 [348], EfthymiouY23 [267], MullerMKP22 [622], SvancaraB22 [809], Zahout21 [912], Lemos21 [524], KovacsTKSG21 [498], Astrand21 [50], Edis21 [263], ZarandiASC20 [915], Lunardi20 [568], PachecoPR19 [679], BajestaniB13 [58], CarchraeB09 [181], MeyerE04 [605], PerronSF04 [693]

Table 11: Works for Concepts of Type Algorithms (Total 36 Concepts, 35 Used)

Type	Keyword	High	Medium	Low
Algorithms	simulated annealing	LuZZYW24 [564], PovedaAA23 [708], IsikYA23 [445], WinterMMW22 [891], Lemos21 [524], SacramentoSP20 [752], ZarandiASC20 [915], KletzanderM20 [481], NattafDYW19 [643], abs-1911-04766 [329], LiuCGM17 [546], KletzanderM17 [480], Froger16 [313], RendlPHPR12 [730], Ribeiro12 [732], KendallKRU10 [471], LimRX04 [534], GlobusCLP04 [342], JainM99 [447], Beck99 [85], BlazewiczDP96 [173], Nuijten94 [657]	abs-2402-00459 [647], Mehdizadeh-Somarin23 [592], LacknerMMWW23 [515], NaqviAIAAA22 [638], CilKLO22 [208], GeitzGSSW22 [332], ColT22 [224], Edis21 [263], HubnerGSV21 [440], Astrand21 [50], MejiaY20 [593], Lunardi20 [568], AbidinK20 [3], GombolayWS18 [353], GedikKEK18 [326], GedikKBR17 [327], BeckFW11 [93], RasmussenT09 [726], HladikCDJ08 [419], WatsonB08 [886], BeniniLMR08 [122], BeniniBGM05 [118], BeckF98 [94], NuijtenP98 [660], BeckDDF98 [89], Wallace96 [877], AggounB93 [13], Schreuder92 [766], MintonJPL90 [610]	JuvinHL23a [459], AbreuNP23 [234], AbreuPNF23 [5], PenzDN23 [689], SquillaciPR23 [800], abs-2306-05747 [820], TasselGS23 [819], AkramNHRSA23 [19], PohlAK22 [703], NaderiBZ22a [631], AbreuN22 [233], AwadMDMT22 [54], YunusogluY22 [908], JuvinHL22 [457], YuraszeckMPV22 [910], OrnekOS20 [670], FanXG21 [292], KletzanderMH21 [482], HamPK21 [382], LacknerMMWW21 [514], GeibingerMM21 [331], Groleaz21 [363], ZhangYW21 [925], AbreuAPNM21 [232], KoehlerBFFHPSSS21 [483], MengLZB21 [598], TangB20 [815], MokhtarzadehTNF20 [613], FallahiAC20 [290]... (Total: 89)
Algorithms	support vector regression			CohenHB17 [216]
Algorithms	swarm intelligence		ZarandiASC20 [915], Lunardi20 [568]	MontemanniD23 [617], Groleaz21 [363], HamPK21 [382], GroleazNS20a [364], Novas19 [652], Siala15a [786]
Algorithms	sweep	Tesch18 [826], NattafALR16 [642], Tesch16 [825], BonfiettiZLM16 [153], Derrien15 [244], SimoninAHL15 [789], NattafAL15 [640], GayHS15 [323], LetortCB15 [528], DerrienPZ14 [246], Letort13 [525], LetortCB13 [527], Clercq12 [235], SimoninAHL12 [788], LetortBC12 [526], ClercqPBJ11 [213], Malapert11 [578], abs-0907-0939 [697], ClautiauxJCM08 [211], BeldiceanuP07 [112], Wolf05 [893], WolfS05a [895], Wolf03 [892], BeldiceanuC02 [108], BeldiceanuC01 [107]	ArkhipovBL19 [37], GoldwaserS18 [351], FahimiOQ18 [287], GayHS15a [324], Schutt11 [767], AronssonBK09 [41], PoderB08 [701], WolfS05 [896]	BonninMNE24 [154], KameugneFND23 [464], TardivoDFMP23 [817], OuelletQ22 [673], 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 [671], LozanoCDS12 [563], BeldiceanuCDP11 [109]... (Total: 42)
Algorithms	systematic local search			Beck07 [87], DilkinaDH05 [248], DilkinaH04 [249]
Algorithms	time-tabling	ShaikhK23 [781], TardivoDFMP23 [817], OrnekOS20 [670], OuelletQ22 [673], BulckG22 [857], Lemos21 [524], DemirovicS18 [243], FahimiOQ18 [287], Fahimi16 [286], GayHS15a [324], Kameugne14 [461], OuelletQ13 [671], Letort13 [525], GuyonLPR12 [375], Ribeiro12 [732], HeinzS11 [405], Menana11 [594], KendallKRU10 [471], RussellU06 [750], KanetAG04 [468], Laborie03 [508], LimAHO02a [533], ElkhyariGJ02a [273], Schaerf97 [760], Wallace96 [877], YoshikawaKNW94 [903], Nuijten94 [657]	Astrand21 [50], Godet21a [344], WallaceY20 [879], ZarandiASC20 [915], abs-1902-01193 [20], CauwelaertLS18 [196], OuelletQ18 [672], Tesch18 [826], HookerH17 [436], Derrien15 [244], GayHS15 [323], BofillGSV15 [145], LimBTBB15a [536], Siala15a [786], Siala15 [785], Vilim11 [870], RasmussenT07 [725], RasmussenT06 [724], RoePS05 [742], HenzMT04 [414], MeyerE04 [605], Elkhyari03 [271], Demassey03 [241], EastonNT02 [262], Bartak02 [75], PesantGPR99 [694]	BonninMNE24 [154], PrataAN23 [711], MarliereSPR23 [587], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], KameugneFND23 [464], AbreuNP23 [234], AlakaP23 [22], TouatBT22 [836], FarsiTM22 [293], SvancaraB22 [809], FetgoD22 [298], NaqviAIAAA22 [638], KletzanderMH21 [482], GeibingerMM21 [331], AbidinK20 [3], MokhtarzadehTNF20 [613], KletzanderM20 [481], GodetLHS20 [345], LiuLH19 [543], PinarbasiAY19 [699], KucukY19 [507], Caballero19 [174], Hooker19 [432], abs-1911-04766 [329], GeibingerMM19 [330], ArkhipovBL19 [37], LiuLH18 [541], BaptisteB18 [64]... (Total: 89)

7.2 Concept Type ApplicationAreas

Table 12: 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 [674], GhandehariK22 [338], 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 [717], MejiaY20 [593]
ApplicationAreas	aircraft	GokPTGO23 [348], PohlAK22 [703], OrnekOS20 [670], WangB20 [881], GokGSTO20 [347], TranDRFWOVB16 [840], Fahimi16 [286], BajestaniB13 [58], LombardiM12 [555], BajestaniB11 [57], Gronkvist06 [366], ArtiouchineB05 [49], FrankK05 [309], FrankK03 [308], Simonis99 [792], ChunCTY99 [206], JoLLH99 [451]	WangB23 [882], GombolayWS18 [353], Ham18 [383], Simonis07 [793], KusterJF07 [506], SakkoutW00 [757], Simonis95a [790]	FalqueALM24 [291], PrataAN23 [711], PovedaAA23 [708], Adelgren2023 [11], ElciOH22 [268], Tassel22 [818], EtminaniesfahaniGNMS22 [282], HamP21 [381], HauderBRPA20 [394], ZarandiASC20 [915], abs-1902-09244 [393], Hooker19 [432], LaborieRSV18 [512], AgussurjaKL18 [17], HookerH17 [436], TranAB16 [838], AlesioBNG15 [24], LaborieR14 [513], Lombardi10 [548], Laborie09 [510], KovacsB08 [492], HladikCDJ08 [419], KrogtLPHJ07 [860], CambazardHDJT04 [176], MartinPY01 [589], SimonisCK00 [794], GruianK98 [367], Darby-DowmanLMZ97 [228], SadehF96 [753]... (Total: 33)
ApplicationAreas	airport	FalqueALM24 [291], ForbesHJST24 [303], GokPTGO23 [348], PohlAK22 [703], OrnekOS20 [670], WangB20 [881], GokGSTO20 [347], TranDRFWOVB16 [840], Simonis07 [793], Gronkvist06 [366], FrankK05 [309], FrankK03 [308], ChunCTY99 [206], JoLLH99 [451], DincbasS91 [251]	WangB23 [882], ZarandiASC20 [915], ChunS14 [207], GarridoAO09 [320], KusterJF07 [506], Mason01 [591], Simonis99 [792], Puget95 [714]	SquillaciPR23 [800], NaderiRR23 [637], BourreauGGLT22 [162], Lunardi20 [568], DemirovicS18 [243], HurleyOS16 [442], Fahimi16 [286], HarjunkoskiMBC14 [390], ArtiouchineB05 [49], Elkhyari03 [271], Wallace96 [877]
ApplicationAreas	astronomy		FrankK05 [309]	CatusseCBL16 [193], LiW08 [529], Johnston05 [212], FrankK03 [308], MintonJPL92 [611], MintonJPL90 [610]
ApplicationAreas	automotive		GuoZ23 [373], NaderiBZ23 [634], YuraszeckMPV22 [910], EmdeZD22 [274], Groleaz21 [363], AlesioBNG15 [24], LimtanyakulS12 [539], SunLYL10 [807], Lombardi10 [548], BarlattCG08 [73], SchildW00 [763]	LuZZYW24 [564], NaderiRR23 [637], NaderiBZR23 [632], PovedaAA23 [708], CzerniachowskaWZ23 [222], NaderiBZ22a [631], NaderiBZ22 [633], HubnerGSV21 [440], VlkHT21 [875], RoshanaeiN21 [746], AntuoriHHEN21 [32], AbreuAPNM21 [232], KoehlerBFFHPSSS21 [483], AbidinK20 [3], BarzegaranZP20 [84], KonowalenkoMM19 [486], abs-1911-04766 [329], TanZWGQ19 [814], GeibingerMM19 [330], BonfiettiZLM16 [153], SchnellH15 [764], Siala15 [785], Siala15a [786], LudwigKRBMS14 [566], AlesioNBG14 [247], HarjunkoskiMBC14 [390], HladikCDJ08 [419], BeniniBGM06 [120], KovacsV06 [497]... (Total: 32)
ApplicationAreas	break minimization problem	KendallKRU10 [471]	ElfJR03 [269]	ZengM12 [922], Ribeiro12 [732], RasmussenT09 [726], RasmussenT07 [725]
ApplicationAreas	business process	BadicaBI20 [55], LombardiM10a [552], Lombardi10 [548], RoweJCA96 [748]	SenderovichBB19 [779]	SubulanC22 [803], Groleaz21 [363], Zahout21 [912], ZarandiASC20 [915], BadicaBIL19 [56], Jans09 [449], Simonis07 [793], SimonisCK00 [794], Simonis99 [792], BeckF98 [94], Simonis95a [790]
ApplicationAreas	cable tree	KoehlerBFFHPSSS21 [483]		
ApplicationAreas	car manufacturing		AntuoriHHEN21 [32]	BeldiceanuC94 [111]

Table 12: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

Type	Keyword	High	Medium	Low
ApplicationAreas	container terminal	QinDCS20 [718], SacramentoSP20 [752], SunTB19 [805], UnsalO19 [853], ZampelliVSDR13 [913], UnsalO13 [852]	LaborieRSV18 [512], QinDS16 [719]	LuZZYW24 [564], abs-2312-13682 [691], PerezGSL23 [690], TouatBT22 [836], ZarandiASC20 [915], AbidinK20 [3], FallahiAC20 [290], CauwelaertDS20 [197], WallaceY20 [879], Hooker19 [432], Dejemeppe16 [238], CauwelaertDMS16 [194], DejemeppeCS15 [239], NovasH12 [654], CorreaLR07 [220], LimRX04 [534]
ApplicationAreas	crew-scheduling	ZarandiASC20 [915], PourDERB18 [707], MorgadoM97 [618]	BourreauGGLT22 [162], KletzanderMH21 [482], Zahout21 [912], KletzanderM20 [481], GombolayWS18 [353], Mason01 [591], Touraivane95 [837]	WangB23 [882], NaderiBZ23 [634], Adelgren2023 [11], NaderiBZR23 [632], NaderiRR23 [637], NaderiBZ22 [633], ElciOH22 [268], NaderiBZ22a [631], AwadMDMT22 [54], EtminaniesfahaniGNMS22 [282], GhandehariK22 [338], HeinzNVH22 [407], Edis21 [263], Lemos21 [524], MokhtarzadehTNF20 [613], TangLWSK18 [816], AgussurjaKL18 [17], HookerH17 [436], DoulabiRP16 [260], QinDS16 [719], LipovetzkyBPS14 [540], ZhaoL14 [928], Ribeiro12 [732], HachemiGR11 [376], KendallKRU10 [471], WuBB09 [900], MilanoW09 [609], Gronkvist06 [366], MilanoW06 [608]... (Total: 35)
ApplicationAreas	dairies			Bartak02 [75], Bartak02a [74]
ApplicationAreas	dairy	EscobetPQPRA19 [279]	PrataAN23 [711], HarjunkoskiMBC14 [390]	Groleaz21 [363]
ApplicationAreas	datacenter	HermenierDL11 [415]		Zahout21 [912], 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 [727], GlobusCLP04 [342], WallaceF00 [880]
ApplicationAreas	drone	MontemanniD23a [616], MontemanniD23 [617], Ham20a [378], Ham18 [383]		Adelgren2023 [11], GuoZ23 [373], JuvinHL23a [459], ShaikhK23 [781], EmdeZD22 [274], Astrand0F21 [51], AntuoriHHEN21 [32], HamP21 [381], Astrand21 [50], ZarandiASC20 [915], Ham18a [377], HamFC17 [380]
ApplicationAreas	earth observation	SquillaciPR23 [800], KucukY19 [507], VerfaillieL01 [863]	GlobusCLP04 [342], BensanaLV99 [125]	HebrardHJMPV16 [397], Maillard15 [576], PraletLJ15 [710], SimoninAHL15 [789], KelarevaTK13 [469], OddiPCC03 [662]
ApplicationAreas	earth orbit			SquillaciPR23 [800]
ApplicationAreas	electroplating		RodosekW98 [736]	Fatemi-AnarakiTFV23 [294], EfthymiouY23 [267], WallaceY20 [879], ArtiguesLH13 [47], NovasH12 [654]
ApplicationAreas	emergency service		EvenSH15a [284], TopaloglU11 [833]	ForbesHJST24 [303], EvenSH15 [283], SakkoutW00 [757]
ApplicationAreas	energy-price	KinsellaS0OS16 [477], GrimesIOS14 [362], IfrimOS12 [443]	HurleyOS16 [442], Froger16 [313]	LuZZYW24 [564], PrataAN23 [711], EscobetPQPRA19 [279], He0GLW18 [395], BenediktSMVH18 [117], LimHTB16 [535]
ApplicationAreas	evacuation	ArtiguesHQT21 [45], ZarandiASC20 [915], YangSS19 [901], EvenSH15 [283], EvenSH15a [284]		AgussurjaKL18 [17], Beck99 [85]
ApplicationAreas	farming			WinterMMW22 [891], Astrand0F21 [51]
ApplicationAreas	forestry	HachemiGR11 [376]		Astrand0F21 [51]
ApplicationAreas	high performance computing	BorghesiBLMB18 [157]	GalleguillosKSB19 [317]	abs-2305-19888 [408], HeinzNVH22 [407], Zahout21 [912], Lunardi20 [568], LunardiBLRV20 [567], TranPZLDB18 [841], RiahiNS018 [731], HurleyOS16 [442], BartoliniBBLM14 [81]
ApplicationAreas	high school timetabling	DemirovicS18 [243], YoshikawaKNW94 [903]		Lemos21 [524], BofillGSV15 [145], KanetAG04 [468], ElkhyariGJ02a [273], Schaerf97 [760]
ApplicationAreas	hoist	EfthymiouY23 [267], WallaceY20 [879], RodosekWH99 [737], RodosekW98 [736]	Fatemi-AnarakiTFV23 [294], NovasH12 [654], BonfiettiLBM11 [147]	WessenCSFPM23 [889], AstrandJZ18 [52], BonfiettiLBM14 [149], UnsalO13 [852], ArtiguesLH13 [47], BonfiettiM12 [152], BonfiettiLBM12 [148], LombardiBMB11 [550], Wallace06 [878], BeckR03 [99], Baptiste02 [62], Refalo00 [728], HookerOTK00 [435], DraperJCJ99 [261], KorbaaYG99 [487], PapaB98 [685]

Table 12: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

Type	Keyword	High	Medium	Low
ApplicationAreas	maintenance scheduling	PopovicCGNC22 [706], Froger16 [313], BajestaniB13 [58], Malapert11 [578]	LuZZYW24 [564], PenzDN23 [689], AntunesABD20 [30], BajestaniB11 [57], Davenport10 [229], FrostD98 [315]	BourreauGGLT22 [162], Godet21a [344], ZarandiASC20 [915], Hooker19 [432], KonowalenkoMM19 [486], PourDERB18 [707], AntunesABD18 [29], Nattaf16 [639], BajestaniB15 [59], RoePS05 [742], Simonis99 [792], SimonisC95 [795], Puget95 [714]
ApplicationAreas	medical	FrimodigECM23 [311], ShinBBHO18 [784], Dejemeppe16 [238], WangMD15 [883], ZhaoL14 [928], Wolf11 [894], TopaglouO11 [833], WeilHFP95 [887]	GuoZ23 [373], ZarandiASC20 [915], HechingH16 [400], RiiseML16 [733], DejemeppeD14 [240], MeskensDL13 [604], RendlPHPR12 [730]	ShaikhK23 [781], AbreuPNF23 [5], AbreuNP23 [234], IsikYA23 [445], NaderiBZR23 [632], AkramNHRSA23 [19], GhandehariK22 [338], YunusogluY22 [908], FarsiTM22 [293], AbreuN22 [233], GeibingerKKMMW21 [328], Bedhief21 [103], Edis21 [263], AbreuAPNM21 [232], Lemos21 [524], ThomasKS20 [829], FallahiAC20 [290], FrimodigS19 [312], abs-1902-01193 [20], Novas19 [652], GurEA19 [937], SenderovichBB19 [779], YounespourAKE19 [904], GedikKEK18 [326], CappartTSR18 [180], HoYCLLCLC18 [420], TanT18 [812], GedikKBR17 [327], TranVNB17 [843]... (Total: 44)
ApplicationAreas	meeting scheduling	BofillCGGPSV23 [141], GelainPRVW17 [333], LimHTB16 [535], LimBTBB15a [536], LimBTBB15 [537], PesantRR15 [695], ZhuS02 [932]	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 [915], SenderovichBB19 [779], abs-1902-01193 [20], ShinBBHO18 [784], HoYCLLCLC18 [420], LuoVLBM16 [569], WangMD15 [883], MeskensDL13 [604], RendlPHPR12 [730], Menana11 [594], Wolf11 [894], MeskensDHG11 [603], Simonis07 [793], BourdaisGP03 [161], Mason01 [591], AbdennadherS99 [2], WeilHFP95 [887]	OuelletQ22 [673], GeibingerMM21 [331], GeibingerKKMMW21 [328], YounespourAKE19 [904], FrohnerTR19 [314], RoshanaeiLAU17 [745], ZhaoL14 [928]	abs-2312-13682 [691], PerezGSL23 [690], NaderiBZ23 [634], FrimodigECM23 [311], NaderiBZ22a [631], NaderiBZ22 [633], BourreauGGLT22 [162], FallahiAC20 [290], RoshanaeiBAUB20 [743], FrimodigS19 [312], German18 [335], MusliuSS18 [630], GedikKEK18 [326], NishikawaSTT18a [649], ErkingerM17 [277], GedikKBR17 [327], HookerH17 [436], RiiseML16 [733], Dejemeppe16 [238], DoulabiRP16 [260], DoulabiRP14 [259], TopaglouO11 [833], Simonis99 [792]
ApplicationAreas	offshore		SubulanC22 [803], 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], GhandehariK22 [338], RoshanaeiN21 [746], RoshanaeiBAUB20 [743], YounespourAKE19 [904], GurEA19 [937], RoshanaeiLAU17 [745], DoulabiRP16 [260], RiiseML16 [733], WangMD15 [883], ZhaoL14 [928], DoulabiRP14 [259], MeskensDL13 [604], Wolf11 [894], MeskensDHG11 [603]	GuoZ23 [373], ElciOH22 [268], NaderiBZ22a [631], ZarandiASC20 [915], Hooker19 [432], HookerH17 [436]	ForbesHJST24 [303], WangB23 [882], JuvinHL23a [459], Adelgren2023 [11], PerezGSL23 [690], abs-2312-13682 [691], FrimodigECM23 [311], GeibingerMM21 [331], FachiniA20 [285], MusliuSS18 [630], TanT18 [812], Wolf09 [897], CrawfordB94 [221]
ApplicationAreas	oven scheduling	LacknerMMWW23 [515], LacknerMMWW21 [514]		ColT22 [224]

Table 12: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

Type	Keyword	High	Medium	Low
ApplicationAreas	patient	GurPAE23 [374], FrimodigECM23 [311], NaderiBZR23 [632], GhandehariK22 [338], FarsiTM22 [293], RoshanaeiN21 [746], ThomasKS20 [829], RoshanaeiBAUB20 [743], FrimodigS19 [312], GurEA19 [937], SenderovichBB19 [779], YounespourAKE19 [904], ShinBBHO18 [784], CappartTSR18 [180], RoshanaeiLAU17 [745], HechingH16 [400], DoulabiRP16 [260], Dejemeppe16 [238], RiiseML16 [733], WangMD15 [883], ZhaoL14 [928], DejemeppeD14 [240], MeskensDL13 [604], RendlPHPR12 [730], Wolf11 [894], TopaloglU11 [833], MeskensDHG11 [603], WeilHFP95 [887]	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 [812], LouieVNB14 [562], DoulabiRP14 [259], Clercq12 [235], Malapert11 [578], Salido10 [758], Wolf09 [897], Simonis07 [793], KanetAG04 [468], BourdaisGP03 [161]
ApplicationAreas	perfect-square	BeldiceanuCDP11 [109], BeldiceanuCP08 [110], AggounB93 [13]		
ApplicationAreas	physician	GeibingerKKMMW21 [328], ShinBBHO18 [784]	Dejemeppe16 [238], BourdaisGP03 [161]	GuoZ23 [373], GurPAE23 [374], FrimodigECM23 [311], FarsiTM22 [293], FrimodigS19 [312], HookerH17 [436], WangMD15 [883], Wolf11 [894], TopaloglU11 [833]
ApplicationAreas	pipeline	KonowalenkoMM19 [486], HarjunkoskiMBC14 [390], BegB13 [104], Lombardi10 [548], LopesCSM10 [559], RuggieroBBMA09 [749], MouraSCL08a [620], MouraSCL08 [621], BeniniLMR08 [122], Malik08 [583], BeniniBGM05 [118], Kuchcinski03 [503], ErtlK91 [278]	ZouZ20 [936], TangLWSK18 [816], LombardiMRB10 [558], MalikMB08 [584], BeniniBGM06 [120], BeniniBGM05a [119], WolinskiKG04 [898], BeldiceanuC94 [111]	EfthymiouY23 [267], Adelgren2023 [11], PopovicCGNC22 [706], 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 [789], BonfiettiLBM14 [149], LombardiMB13 [557], MalapertGR12 [581], LozanoCDS12 [563], BeniniLMR11 [123], NovasH10 [653], RenT09 [729], BarlattCG08 [73], KuchcinskiW03 [504], Wolf03 [892], Simonis99 [792]... (Total: 35)
ApplicationAreas	radiation therapy	FrimodigECM23 [311], FrimodigS19 [312]		HookerH17 [436]
ApplicationAreas	railway	MarliereSPR23 [587], SvancaraB22 [809], Lemos21 [524], PourDERB18 [707], CappartS17 [179], ChunS14 [207], AronssonBK09 [41], Acuna-AgostMFG09 [9], RodriguezS09 [741], Rodriguez07 [738], Rodriguez07b [739], Geske05 [336], RodriguezDG02 [740], MartinPY01 [589], MorgadoM97 [618], LammaMM97 [518]	ZarandiASC20 [915], LaborieRSV18 [512], TangLWSK18 [816], Mason01 [591], BrusoniCLMMT96 [170], Schreuder92 [766]	LuZZYW24 [564], GuoZ23 [373], LuoB22 [570], Godet21a [344], BogaerdtW19 [859], Hooker19 [432], BajestaniB15 [59], ZhouGL15 [931], ZhaoL14 [928], BajestaniB13 [58], BajestaniB11 [57], WuBB09 [900], Gronkvist06 [366], AbrilSB05 [6], WolfS05a [895], Wallace96 [877]
ApplicationAreas	real-time pricing		He0GLW18 [395], GrimesIOS14 [362]	LimHTB16 [535]
ApplicationAreas	rectangle-packing	YangSS19 [901], AggounB93 [13]	LuoB22 [570], Malapert11 [578]	MossigeGSMC17 [619], DoulabiRP16 [260], VilimLS15 [873], Siala15a [786], Siala15 [785], LozanoCDS12 [563], BeldiceanuCDP11 [109], Schutt11 [767], SchuttW10 [777], BeldiceanuCP08 [110]

Table 12: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

Type	Keyword	High	Medium	Low
ApplicationAreas	robot	Fatemi-AnarakiTFV23 [294], IsikYA23 [445], WessenCSFPM23 [889], LiFJZLL22 [531], ArmstrongGOS21 [38], Edis21 [263], HamP21 [381], Astrand21 [50], KoehlerBFFHPSSS21 [483], ZarandiASC20 [915], MokhtarzadehTNF20 [613], Lunardi20 [568], WessenCS20 [888], Ham20a [378], abs-1901-07914 [106], MurinR19 [623], BehrensLM19 [105], PachecoPR19 [679], GombolayWS18 [353], LaborieRSV18 [512], MossigeGSMC17 [619], TranVNB17 [843], TranVNB17a [844], BoothTNB16 [156], BoothNB16 [155], LouieVNB14 [562], NovasH14 [655], NovasH12 [654], ZeballosCM10 [917]... (Total: 35)	PrataAN23 [711], AlakaP23 [22], Mehdizadeh-Somarin23 [592], CzerniachowskaWZ23 [222], ZhuSZW23 [933], TouatBT22 [836], OujanaAYB22 [674], YunusogluY22 [908], NaderiBZ22a [631], Astrand0F21 [51], FachiniA20 [285], WallaceY20 [879], NishikawaSTT19 [650], WikarekS19 [890], NishikawaSTT18a [649], NishikawaSTT18 [648], Dejemeppe16 [238], TopalogluSS12 [834], DoRZ08 [253], BidotVLB07 [129], PolicellaWSO05 [704], VanczaM01 [862], BeckF00 [97], CestaOF99 [200], Beck99 [85], BeckDDF98 [89], SmithC93 [798], MintonJPL92 [611], FoxS90 [306]	MontemanniD23 [617], MarliereSPR23 [587], abs-2305-19888 [408], IklassovMR023 [444], AbreuPNF23 [5], GeitzGSSW22 [332], CilKLO22 [208], MullerMKP22 [622], ColT22 [224], YuraszeckMPV22 [910], HeinzNVH22 [407], FarsiTM22 [293], ZhangYW21 [925], Godet21a [344], Bedhief21 [103], Groleaz21 [363], VlkHT21 [875], HamPK21 [382], BarzegaranZP20 [84], BenediktMH20 [116], AstrandJZ20 [53], AbidinK20 [3], FallahiAC20 [290], MengZRZL20 [599], MejiaY20 [593], PinarbasiAY19 [699], SenderovichBB19 [779], TanZWGQ19 [814], Novas19 [652]... (Total: 104)
ApplicationAreas	round-robin	NaqviAIAAA22 [638], BulckG22 [857], CarlssonJL17 [189], TerekhovTDB14 [824], LarsonJC14 [519], TranTDB13 [842], SuCC13 [802], Ribeiro12 [732], ZengM12 [922], KendallKRU10 [471], RasmussenT09 [726], RasmussenT07 [725], RasmussenT06 [724], RussellU06 [750], HenzMT04 [414], Trick03 [847]	HebrardALLCMR22 [396], ZarandiASC20 [915], Perron05 [692], EastonNT02 [262]	Hooker19 [432], LiuLH18 [541], MossigeGSMC17 [619], CobanH11 [215], Simonis07 [793], BeniniBGM05 [118], DilkinaH04 [249], KanetAG04 [468], ElfJR03 [269], Schaerf97 [760]
ApplicationAreas	satellite	SquillaciPR23 [800], Godet21a [344], GodetLHS20 [345], KucukY19 [507], LaborieRSV18 [512], HebrardHJMPV16 [397], FrankDT16 [307], Maillard15 [576], PraletLJ15 [710], KelarevaTK13 [469], ReddyFIBKAJ11 [727], Johnston05 [212], BarbulescuWH04 [72], GlobusCLP04 [342], VerfaillieL01 [863], BensanaLV99 [125], PembertonG98 [687]	AlesioBNG15 [24], Laborie09 [510], FrankK05 [309], JussienL02 [455]	WessenCSFPM23 [889], EfthymiouY23 [267], TouatBT22 [836], Astrand21 [50], Astrand0F21 [51], Zahout21 [912], ZarandiASC20 [915], FachiniA20 [285], Hooker19 [432], Pralet17 [709], TranVNB17 [843], Froger16 [313], TranWDRFOVB16 [845], SimoninAHL15 [789], BessiereHMQW14 [127], LaborieR14 [513], HeinzSB13 [406], SimoninAHL12 [788], GuyonLPR12 [375], RuggieroBBMA09 [749], Rodriguez07 [738], OddiPCC03 [662], NuijtenP98 [660]
ApplicationAreas	semiconductor	MengLZB21 [598], ZarandiASC20 [915], MalapertN19 [582], NattafDYW19 [643], Ham18a [377], HamFC17 [380], BajestaniB15 [59], NovasH12 [654], ZeballosCM10 [917]	PenzDN23 [689], Tassel22 [818], QinWSLS21 [717], GokgurHO18 [349], HamC16 [384], Davenport10 [229], LombardiMRB10 [558], KrogtLPHJ07 [860], JainM99 [447]	LacknerMMWW23 [515], Fatemi-AnarakiTFV23 [294], abs-2211-14492 [806], MengGRZSC22 [597], EmdeZD22 [274], YuraszeckMPV22 [910], MullerMKP22 [622], ColT22 [224], ZhangJZL22 [923], FanXG21 [292], LacknerMMWW21 [514], HamP21 [381], HamPK21 [382], PandeyS21a [681], Astrand21 [50], Ham20a [378], TangB20 [815], MengZRZL20 [599], NattafM20 [645], Novas19 [652], LaborieRSV18 [512], Ham18 [383], GrimesH15 [360], TerekhovTDB14 [824], KoschB14 [489], HarjunkoskiMBC14 [390], MalapertGR12 [581], Malapert11 [578], Lombardi10 [548]... (Total: 31)
ApplicationAreas	shipping line			QinDCS20 [718], LaborieRSV18 [512], KelarevaTK13 [469]
ApplicationAreas	sports scheduling	NaqviAIAAA22 [638], LarsonJC14 [519], SuCC13 [802], Ribeiro12 [732], KendallKRU10 [471], RasmussenT09 [726], RasmussenT07 [725], RasmussenT06 [724]	LiuLH18 [541], CarlssonJL17 [189], ZengM12 [922], Perron05 [692], Trick03 [847], ElfJR03 [269]	BulckG22 [857], ZarandiASC20 [915], Hooker19 [432], LiuLH19a [542], GedikKEK18 [326], HookerH17 [436], QinDS16 [719], RiiseML16 [733], CobanH11 [215], RussellU06 [750], DilkinaH04 [249], EastonNT02 [262]
ApplicationAreas	steel cable			AalianPG23 [1]
ApplicationAreas	steel mill	GaySS14 [325], Letort13 [525], HeinzSSW12 [404], SchausHMCMD11 [762], HentenryckM08 [412], GarganiR07 [319]		abs-2312-13682 [691], PerezGSL23 [690], 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 12: Works for Concepts of Type ApplicationAreas (Total 67 Concepts, 66 Used)

Type	Keyword	High	Medium	Low
ApplicationAreas	surgery	GurPAE23 [374], GhandehariK22 [338], FarsiTM22 [293], RoshanaeiN21 [746], RoshanaeiBAUB20 [743], GurEA19 [937], YounespourAKE19 [904], RoshanaeiLAU17 [745], RiiseML16 [733], DoulabiRP16 [260], WangMD15 [883], ZhaoL14 [928], DoulabiRP14 [259], MeskensDL13 [604], Wolf11 [894], Wolf09 [897]	FrimodigECM23 [311], ZarandiASC20 [915], TopaloglуO11 [833]	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 [727], BidotVLB09 [130], BeckW07 [102], GlobusCLP04 [342], Beck99 [85], BeckDDF98 [89], PembertonG98 [687], Wallace96 [877], SmithC93 [798]
ApplicationAreas	torpedo	GoldwaserS18 [351], KletzanderM17 [480], GoldwaserS17 [350]	AntuoriHHEN20 [31]	Hooker19 [432]
ApplicationAreas	tournament	NaqviAIAAA22 [638], BulckG22 [857], FanXG21 [292], ZarandiASC20 [915], Lunardi20 [568], LiuLH18 [541], CarlssonJL17 [189], LarsonJC14 [519], SuCC13 [802], ZengM12 [922], Ribeiro12 [732], KendallKRU10 [471], RasmussenT09 [726], RasmussenT07 [725], RasmussenT06 [724], RussellU06 [750], HenzMT04 [414], GlobusCLP04 [342], Trick03 [847], ElfJR03 [269], EastonNT02 [262], Schaerf97 [760]	CilKLO22 [208], QinWSLS21 [717], HookerH17 [436]	abs-2402-00459 [647], Lemos21 [524], HubnerGSV21 [440], Hooker19 [432], LiuLH19a [542], LiuLH19 [543], GedikKBR17 [327], Froger16 [313], Dejemeppe16 [238], RendlPHPR12 [730], CobanH11 [215], LiW08 [529], SureshMOK06 [808], Perron05 [692], KanetAG04 [468], DilkinaH04 [249], Demassey03 [241], EreminW01 [276]
ApplicationAreas	train schedule	LuZZYW24 [564], MarliereSPR23 [587], Lemos21 [524], CappartS17 [179], RodriguezS09 [741], Rodriguez07b [739], Geske05 [336], MurphyRFSS97 [624]	ZarandiASC20 [915], LammaMM97 [518], BrusoniCLMMT96 [170]	abs-2312-13682 [691], SvancaraB22 [809], GeibingerMM21 [331], Novas19 [652], AgussurjaKL18 [17], Froger16 [313], LiuW11 [545], Rodriguez07 [738], RodriguezDG02 [740], MartinPY01 [589], Wallace96 [877]
ApplicationAreas	travelling tournament problem	LiuLH18 [541], Ribeiro12 [732], ZengM12 [922], KendallKRU10 [471], RasmussenT09 [726], RasmussenT07 [725]	NaqviAIAAA22 [638], HookerH17 [436], EastonNT02 [262]	BulckG22 [857], CarlssonJL17 [189], LarsonJC14 [519], LiW08 [529], RasmussenT06 [724], 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 [878], Musliu05 [629]	AntunesABD20 [30], AntunesABD18 [29]	GokPTGO23 [348], FallahiAC20 [290], CorreaLR07 [220], BenoistGR02 [124], Mason01 [591], Darby-DowmanLMZ97 [228]
ApplicationAreas	yard crane		QinDCS20 [718], Hooker19 [432]	EmdeZD22 [274], WallaceY20 [879], SunTB19 [805], UnsalO13 [852]

7.3 Concept Type Benchmarks

Table 13: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

Type	Keyword	High	Medium	Low
Benchmarks	CSPlib	LiuLH19a [542], Siala15 [785], Siala15a [786], SchausHMCMD11 [762], GarganiR07 [319]	LaborieRSV18 [512], German18 [335], CappartTSR18 [180], MossigeGSMC17 [619], NovaraNH16 [651], Letort13 [525], HeinzSSW12 [404], BandaSC11 [236], KendallKRU10 [471]	ThomasKS20 [829], LiuLH19 [543], LiuLH18 [541], GelainPRVW17 [333], GaySS14 [325], RendlPHPR12 [730], HentenryckM08 [412]
Benchmarks	Roadef	Froger16 [313], Siala15 [785], Siala15a [786]	Nattaf16 [639], LetortCB15 [528], Kameugne14 [461], Letort13 [525], LetortCB13 [527], LetortBC12 [526]	CzerniachowskaWZ23 [222], HanenKP21 [387], Lemos21 [524], GokGSTO20 [347], CarlierPSJ20 [187], Polo-MejiaALB20 [705], MalapertN19 [582], OuelletQ18 [672], Tesch18 [826], Fahimi16 [286], Tesch16 [825], Menana11 [594], Acuna-AgostMFG09 [9], Wallace06 [878], Laborie05 [509], Elkhyari03 [271]
Benchmarks	benchmark	LiLZDZW24 [530], JuvinHL23a [459], IsikYA23 [445], AlfieriGPS23 [25], JuvinHHL23 [456], Bit-Monnot23 [132], NaderiBZR23 [632], AfsarVPG23 [12], YuraszeckMCCR23 [911], ShaikhK23 [781], ZhuSZW23 [933], NaderiRR23 [637], TasselGS23 [819], AbreuPNF23 [5], TardivoDFMP23 [817], LacknerMMWW23 [515], PovedaAA23 [708], abs-2306-05747 [820], AbreuNP23 [234], OuelletQ22 [673], ColT22 [224], WinterMMW22 [891], JuvinHL22 [457], NaderiBZ22a [631], Teppan22 [822], MengGRZSC22 [597], ZhangJZL22 [923], TouatBT22 [836], AbreuN22 [233]... (Total: 133)	ForbesHJST24 [303], abs-2402-00459 [647], NaderiBZ23 [634], YuraszeckMC23 [909], MontemanniD23a [616], MarliereSPR23 [587], AkramNHRSA23 [19], FrimodigECM23 [311], IklassovMR023 [444], KameugneFND23 [464], abs-2305-19888 [408], NaderiBZ22 [633], BourreauGGLT22 [162], KotaryFH22 [490], ZhangBB22 [924], FetgoD22 [298], Tassel22 [818], OujanaAYB22 [674], HeinzNVH22 [407], BulckG22 [857], MengLZB21 [598], Astrand21 [50], AbreuAPNM21 [232], KovacsTKSG21 [498], KletzanderMH21 [482], Lunardi20 [568], SacramentoSP20 [752], BenediktMH20 [116], BadicaBI20 [55]... (Total: 114)	BonninMNE24 [154], PrataAN23 [711], MontemanniD23 [617], GuoZ23 [373], WessenCSFPM23 [889], Adelgren2023 [11], CzerniachowskaWZ23 [222], EfthymiouY23 [267], KimCMLLP23 [476], SquillaciPR23 [800], SvancaraB22 [809], JungblutK22 [453], ElciOH22 [268], PohlAK22 [703], YunusogluY22 [908], SubulanC22 [803], YuraszeckMPV22 [910], AwadMDMT22 [54], ArmstrongGOS22 [39], Astrand0F21 [51], VlkHT21 [875], Zahout21 [912], RoshanaeiN21 [746], HubnerGSV21 [440], KlankeBYE21 [479], ArmstrongGOS21 [38], AstrandJZ20 [53], LunardiBLRV20 [567], ThomasKS20 [829]... (Total: 183)
Benchmarks	bitbucket		TardivoDFMP23 [817], Dejemeppe16 [238]	ThomasKS20 [829], 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 [691], PerezGSL23 [690], OrnekOS20 [670], Godet21a [344], GodetLHS20 [345], KletzanderM20 [481], MejiaY20 [593], SunTB19 [805], Madi-WambaB16 [573], NattafALR16 [642], Dejemeppe16 [238], KelbelH11 [470], SchausHMCMD11 [762], Nuijten94 [657]	abs-2402-00459 [647], EfthymiouY23 [267], abs-2305-19888 [408], Adelgren2023 [11], NaderiBZR23 [632], CilKLO22 [208], TouatBT22 [836], GhandehariK22 [338], ZhangBB22 [924], abs-2211-14492 [806], ColT22 [224], YunusogluY22 [908], BoudreaultSLQ22 [160], YuraszeckMPV22 [910], 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 [743], LunardiBLRV20 [567], ThomasKS20 [829]... (Total: 74)

Table 13: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

Type	Keyword	High	Medium	Low
Benchmarks	github	Lemos21 [524], Godet21a [344], KoehlerBFFHPSSS21 [483]	FalqueALM24 [291], PovedaAA23 [708], TardivoDFMP23 [817], BoudreaultSLQ22 [160], JungblutK22 [453], HamPK21 [382], LunardiBLRV20 [567], GodetLHS20 [345], BenediktMH20 [116], Siala15 [785], Siala15a [786]	LiLZDZW24 [530], ForbesHJST24 [303], abs-2402-00459 [647], SquillaciPR23 [800], JuvinHHL23 [456], YuraszeckMC23 [909], abs-2306-05747 [820], NaderiRR23 [637], Adelgren2023 [11], TasselGS23 [819], WessenCSFPM23 [889], YuraszeckMCCR23 [911], Fatemi-AnarakiTFV23 [294], GuoZ23 [373], GokPTGO23 [348], Bit-Monnot23 [132], IklassovMR023 [444], OuelletQ22 [673], EmdeZD22 [274], GeitzGSSW22 [332], KotaryFH22 [490], Tassel22 [818], ColT22 [224], MullerMKP22 [622], LuoB22 [570], YuraszeckMPV22 [910], KovacsTKSG21 [498], GeibingerMM21 [331], VlkHT21 [875]... (Total: 56)
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 [767]	TasselGS23 [819], PovedaAA23 [708], EfthymiouY23 [267], abs-2306-05747 [820], Tassel22 [818], OujanaAYB22 [674], GroleazNS20 [365], NattafM20 [645], Mercier-AubinGQ20 [602], MalapertN19 [582], Hooker19 [432], BofillGSV15 [145], BofillEGPSV14 [144], ZampelliVSDR13 [913], BonfiettiM12 [152], LombardiBMB11 [550], BonfiettiLBM11 [147]
Benchmarks	industrial partner	BoudreaultSLQ22 [160], Lunardi20 [568], Dejemeppe16 [238]	LacknerMMWW23 [515], ArmstrongGOS21 [38], ZampelliVSDR13 [913]	WinterMMW22 [891], Tassel22 [818], VlkHT21 [875], 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 [891], 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 [805], abs-1911-04766 [329], Caballero19 [174], GombolayWS18 [353], GoldwaserS17 [350], YoungFS17 [905], Dejemeppe16 [238], UnsalO13 [852], GuyonLPR12 [375], Schutt11 [767], BeniniLMR11 [123], Lombardi10 [548], abs-1009-0347 [772], RuggieroBBMA09 [749], LombardiM09 [551], HeipckeCCS00 [409]
Benchmarks	random instance	LacknerMMWW21 [514], WallaceY20 [879], Dejemeppe16 [238]	WangB23 [882], LacknerMMWW23 [515], EfthymiouY23 [267], CarlssonJL17 [189], LetortCB15 [528], ZhaoL14 [928], KelbelH11 [470]	Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], OuelletQ22 [673], ElciOH22 [268], MullerMKP22 [622], EmdeZD22 [274], abs-2211-14492 [806], VlkHT21 [875], Godet21a [344], KlankeBYE21 [479], HanenKP21 [387], AntuoriHHEN20 [31], Lunardi20 [568], BenediktMH20 [116], LunardiBLRV20 [567], HoundjiSW19 [438], UnsalO19 [853], FahimiOQ18 [287], BenediktSMVH18 [117], Hooker17 [431], MossigeGSMC17 [619], CappartS17 [179], Fahimi16 [286], Madi-WambaB16 [573], BoothTNB16 [156], Siala15 [785], Siala15a [786], LarsonJC14 [519], KameugneFSN14 [467]... (Total: 47)

Table 13: Works for Concepts of Type Benchmarks (Total 16 Concepts, 16 Used)

Type	Keyword	High	Medium	Low
Benchmarks	real-life	GurPAE23 [374], SubulanC22 [803], WinterMMW22 [891], HubnerGSV21 [440], Astrand21 [50], QinDCS20 [718], KletzanderM20 [481], GurEA19 [937], RiiseML16 [733], WangMD15 [883], MeskensDL13 [604], Ribeiro12 [732], BartakCS10 [77], ChenGPSH10 [203], BartakSR10 [79], KendallKRU10 [471], Baptiste02 [62], Bartak02a [74], MartinPY01 [589], Nuijten94 [657]	LuZZYW24 [564], AlakaP23 [22], AfsarVPG23 [12], LacknerMMWW23 [515], OujanaAYB22 [674], CilKLO22 [208], BulckG22 [857], Lemos21 [524], KlankeBYE21 [479], Astrand0F21 [51], LacknerMMWW21 [514], KletzanderMH21 [482], FallahiAC20 [290], Lunardi20 [568], PinarbasiAY19 [699], abs-1911-04766 [329], PourDERB18 [707], MusliuSS18 [630], AmadiniGM16 [27], Froger16 [313], BartakV15 [80], GaySS14 [325], LimtanyakulS12 [539], MenciaSV12 [595], MeskensDHG11 [603], LombardiMRB10 [558], RuggieroBBMA09 [749], BartakSR08 [83], Musliu05 [629]... (Total: 35)	PrataAN23 [711], LiLZDZW24 [530], BonninMNE24 [154], ForbesHJST24 [303], Adelgren2023 [11], AbreuPNF23 [5], IsikYA23 [445], NaderiBZR23 [632], EfthymiouY23 [267], PovedaAA23 [708], LuoB22 [570], GeitzGSSW22 [332], AwadMDMT22 [54], NaderiBZ22 [633], YunusogluY22 [908], CampeauG22 [178], NaqviAIAAA22 [638], YuraszeckMPV22 [910], ColT22 [224], Teppan22 [822], BoudreaultSLQ22 [160], ElciOH22 [268], Godet21a [344], Bedhief21 [103], Alaka21 [21], abs-2102-08778 [217], GeibingerMM21 [331], Groleaz21 [363], CauwelaertDS20 [197]... (Total: 126)
Benchmarks	real-world	LuZZYW24 [564], GokPTGO23 [348], abs-2305-19888 [408], HeinzNVH22 [407], YunusogluY22 [908], 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 [779], GombolayWS18 [353], AgussurjaKL18 [17], Dejemeppe16 [238], MelgarejoLS15 [16], EvenSH15a [284], EvenSH15 [283], UnsalO13 [852], RendlPHPR12 [730], KendallKRU10 [471], Lombardi10 [548], MouraSCL08a [620]... (Total: 33)	PrataAN23 [711], TasselGS23 [819], WessenCSFPM23 [889], abs-2306-05747 [820], AbreuNP23 [234], BofillCGGPSV23 [141], IsikYA23 [445], Fatemi-AnarakiTFV23 [294], AalianPG23 [1], AbreuPNF23 [5], WangB23 [882], YuraszeckMCCR23 [911], OujanaAYB22 [674], LuoB22 [570], SvancaraB22 [809], MullerMKP22 [622], ArmstrongGOS21 [38], ZarandiASC20 [915], WallaceY20 [879], AntunesABD20 [30], RoshanaeiBAUB20 [743], AstrandJZ20 [53], WessenCS20 [888], TangB20 [815], ParkUJR19 [686], YounespourAKE19 [904], FrimodigS19 [312], PourDERB18 [707], HoYCLLCLC18 [420]... (Total: 56)	FalqueALM24 [291], abs-2402-00459 [647], ZhuSZW23 [933], GuoZ23 [373], IklassovMR023 [444], PovedaAA23 [708], Bit-Monnot23 [132], TardivoDFMP23 [817], CzerniachowskaWZ23 [222], FrimodigECM23 [311], abs-2312-13682 [691], KimCMLLP23 [476], NaderiBZR23 [632], JuvinHL23 [458], PerezGSL23 [690], NaderiBZ23 [634], ShaikhK23 [781], AfsarVPG23 [12], MarliereSPR23 [587], GeitzGSSW22 [332], SubulanC22 [803], GhandehariK22 [338], BourreauGGLT22 [162], JungblutK22 [453], AbreuN22 [233], CilKLO22 [208], FetgoD22 [298], BoudreaultSLQ22 [160], OrnekOS20 [670]... (Total: 187)
Benchmarks	supplementary material	GuoZ23 [373], FarsiTM22 [293], MejiaY20 [593], Lunardi20 [568], TanZWGQ19 [814]	NaderiBZR23 [632], MontemanniD23 [617], AfsarVPG23 [12], FachiniA20 [285], SchuttFSW13 [774]	FalqueALM24 [291], JuvinHHL23 [456], abs-2306-05747 [820], TasselGS23 [819], Adelgren2023 [11], WinterMMW22 [891], ColT22 [224], BoudreaultSLQ22 [160], YunusogluY22 [908], AntuoriHHEN21 [32], LacknerMMWW21 [514], KovacsTKSG21 [498], ArmstrongGOS21 [38], MengZRZL20 [599], HauderBRPA20 [394], SchnellH17 [765], SchnellH15 [764], MenciaSV13 [596]
Benchmarks	zenodo	LacknerMMWW23 [515], SacramentoSP20 [752]		KimCMLLP23 [476], WinterMMW22 [891], ArmstrongGOS21 [38]

7.4 Concept Type CP

Table 14: Works for Concepts of Type CP (Total 9 Concepts, 9 Used)

Type	Keyword	High	Medium	Low
CP	CLP	BadicaBI20 [55], WikarekS19 [890], BadicaBIL19 [56], HookerH17 [436], Menana11 [594], Malapert11 [578], RenT09 [729], Simonis07 [793], RoePS05 [742], Kuchcinski03 [503], ZhuS02 [932], Bartak02 [75], Thorsteinsson01 [830], TrentesauxPT01 [846], MartinPY01 [589], BosiM2001 [158], HarjunkoskiJG00 [389], Simonis99 [792], RodosekWH99 [737], AbdennadherS99 [2], GruianK98 [367], RodosekW98 [736], LammaMM97 [518], Darby-DowmanLMZ97 [228], FalaschiGMP97 [289], BrusoniCLMMT96 [170], Wallace96 [877], Touraivane95 [837], Simonis95a [790], Goltz95 [352]	ShaikhK23 [781], KonowalenkoMM19 [486], FontaineMH16 [302], Kameugne14 [461], Balduccini11 [60], Wolf09 [897], AchterbergBKW08 [8], JussienL02 [455], Baptiste02 [62], HookerOTK00 [435], HookerO99 [433], CarlssonKA99 [190], Simonis95 [791], FoxS90 [306], DincbasSH90 [252]	KameugneFND23 [464], CilKLO22 [208], ColT22 [224], GeitzGSSW22 [332], Teppan22 [822], GeibingerMM21 [331], CauwelaertDS20 [197], ZarandiASC20 [915], ColT2019a [223], abs-1902-01193 [20], Hooker19 [432], GokgurHO18 [349], GelainPRVW17 [333], Madi-WambaB16 [573], BofillGSV15 [145], LetortCB15 [528], Siala15a [786], HarjunkoskiMBC14 [390], KameugneFSN14 [467], SchuttFS13 [770], SchuttFSW13 [774], OzturkTHO13 [677], SchuttFS13a [769], Letort13 [525], LetortBC12 [526], Clercq12 [235], SimonisH11 [796], Schutt11 [767], KameugneFSN11 [466]... (Total: 96)
CP	COP	Lemos21 [524], Godet21a [344], Groleaz21 [363], PourDERB18 [707], Dejemeppe16 [238], AlesioNBG14 [247], PengLC14 [688], HeinzSB13 [406], Malapert11 [578], KovacsK11 [495], ChenGPSH10 [203], SultanikMR07 [804], ElhouraniDM07 [270], Dorndorf2000 [258]	FalqueALM24 [291], FetgoD22 [298], Edis21 [263], CarlssonJL17 [189], LiuCGM17 [546], HarjunkoskiMBC14 [390], Beck99 [85], BeckDDF98 [89], BeckF98 [94]	BonninMNE24 [154], PenzDN23 [689], ZhangBB22 [924], BoudreaultSLQ22 [160], Tassel22 [818], ColT22 [224], GeitzGSSW22 [332], FallahiAC20 [290], AntunesABD20 [30], NattafM20 [645], UnsalO19 [853], PinarbasiAY19 [699], MalapertN19 [582], German18 [335], AntunesABD18 [29], Laborie18a [511], CappartS17 [179], CohenHB17 [216], TranWDRFOVB16 [845], Froger16 [313], HechingH16 [400], CatusseCBL16 [193], AmadiniGM16 [27], TranDRFWOVB16 [840], QinDS16 [719], Derrien15 [244], Siala15a [786], GrimesH15 [360], DejemeppeD14 [240]... (Total: 46)
CP	CP	LuZZYW24 [564], FalqueALM24 [291], BonninMNE24 [154], abs-2402-00459 [647], ForbesHJST24 [303], PrataAN23 [711], TardivoDFMP23 [817], AkramNHRSA23 [19], FrimodigECM23 [311], NaderiRR23 [637], LacknerMMWW23 [515], AlakaP23 [22], Mehdizadeh-Somarin23 [592], TasselGS23 [819], WessenCSFPM23 [889], Adelgren2023 [11], AbreuPNF23 [5], Fatemi-AnarakiTFV23 [294], YuraszeckMCCR23 [911], PovedaAA23 [708], WangB23 [882], KameugneFND23 [464], EfthymiouY23 [267], abs-2306-05747 [820], SquillaciPR23 [800], JuvinHL23 [458], IsikYA23 [445], NaderiBZR23 [632], KimCMLLP23 [476]... (Total: 591)	Caballero23 [175], PenzDN23 [689], SvancaraB22 [809], NaqviAIAAA22 [638], CarlierPSJ20 [187], WikarekS19 [890], LiuLH19 [543], TranPZLDB18 [841], KletzanderM17 [480], GelainPRVW17 [333], NattafAL17 [641], NattafALR16 [642], GingrasQ16 [341], LimBTBB15a [536], MurphyMB15 [625], ZhouGL15 [931], HoundjiSWD14 [439], GrimesIOS14 [362], TerekhovTDB14 [824], DoulabiRP14 [259], BonfiettiLM14 [151], ChuGNSW13 [204], MalapertCGJLR13 [580], GuSW12 [370], SimoninAHL12 [788], Ribeiro12 [732], BonfiettiM12 [152], BonfiettiLBM12 [148], Wolf11 [894]... (Total: 86)	LiLZDZW24 [530], IklassovMR023 [444], ShaikhK23 [781], JungblutK22 [453], AbohashimaEG21 [4], KletzanderMH21 [482], FanXG21 [292], KletzanderM20 [481], BadicaBIL19 [56], RiahiNS018 [731], He0GLW18 [395], TranDRFWOVB16 [840], Madi-WambaB16 [573], BlomPS16 [136], KinsellaS0OS16 [477], Bonfietti16 [146], SimoninAHL15 [789], BartakV15 [80], Siala15 [785], Maillard15 [576], BlomBPS14 [135], BessiereHMQW14 [127], BegB13 [104], SuCC13 [802], TranTDB13 [842], MenciaSV12 [595], IfrimOS12 [443], BartakS11 [78], BandaSC11 [236]... (Total: 73)

Table 14: Works for Concepts of Type CP (Total 9 Concepts, 9 Used)

Type	Keyword	High	Medium	Low
CP	CSP	FalqueALM24 [291], ZhuSZW23 [933], FetgoD22 [298], ColT22 [224], LuoB22 [570], Lemos21 [524], KletzanderMH21 [482], Groleaz21 [363], Godet21a [344], GroleazNS20 [365], QinDCS20 [718], ZarandiASC20 [915], LiuLH19 [543], LiuLH19a [542], NattafHKAL19 [644], SunTB19 [805], PinarbasiAY19 [699], Caballero19 [174], German18 [335], PourDERB18 [707], TangLWSK18 [816], GokgurHO18 [349], CarlssonJL17 [189], GelainPRVW17 [333], LiuCGM17 [546], NattafAL17 [641], Nattaf16 [639], Fahimi16 [286], NattafALR16 [642]... (Total: 100)	JuvinHHL23 [456], TardivoDFMP23 [817], HillTV21 [418], Astrand21 [50], Zahout21 [912], Edis21 [263], SacramentoSP20 [752], ZouZ20 [936], 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 [927], MalapertGR12 [581], OddiRCS11 [665], BandaSC11 [236], ZeballosNH11 [920], LiuW11 [545], GrimesH10 [358], KendallKRU10 [471], OddiRC10 [664]... (Total: 56)	WangB23 [882], EfthymiouY23 [267], Bit-Monnot23 [132], KoehlerBFFHPSSS21 [483], AntuoriHHEN21 [32], PandeyS21a [681], Mercier-AubinGQ20 [602], ThomasKS20 [829], AstrandJZ20 [53], abs-1902-01193 [20], WikarekS19 [890], PachecoPR19 [679], 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 [873], LombardiBM15 [549], WangMD15 [883]... (Total: 105)
CP	constraint logic programming	BadicaBI20 [55], KonowalenkoMM19 [486], Simonis07 [793], RoePS05 [742], MartinPY01 [589], TrentesauxPT01 [846], BosiM2001 [158], RodosekWH99 [737], Simonis99 [792], GruianK98 [367], Darby-DowmanLMZ97 [228], LammaMM97 [518], BrusoniCLMMT96 [170], Wallace96 [877], SimonisC95 [795], Simonis95a [790], Goltz95 [352], BeldiceanuC94 [111], AggounB93 [13]	ZarandiASC20 [915], WikarekS19 [890], HookerH17 [436], JelinekB16 [450], MilanoW09 [609], LiW08 [529], MilanoW06 [608], Wallace06 [878], Kuchcinski03 [503], Demassey03 [241], Elkhyari03 [271], Bartak02 [75], Timpe02 [831], Thorsteinsson01 [830], JainG01 [448], HarjunkoskiJG00 [389], HookerO99 [433], RodosekW98 [736], FalaschiGMP97 [289], Simonis95 [791], DincbasS91 [251], ErtlK91 [278]	ForbesHJST24 [303], NaderiBZR23 [632], IsikYA23 [445], EmdeZD22 [274], ColT22 [224], LuoB22 [570], ElciOH22 [268], PandeyS21a [681], RoshanaeiN21 [746], GeibingerMM21 [331], ArmstrongGOS21 [38], KlankeBYE21 [479], Lemos21 [524], CauwelaertDS20 [197], FallahiAC20 [290], RoshanaeiBAUB20 [743], FachiniA20 [285], BadicaBIL19 [56], HoundjiSW19 [438], abs-1902-01193 [20], Hooker19 [432], TanT18 [812], CauwelaertLS18 [196], RoshanaeiLAU17 [745], TranVNB17 [843], BoothTNB16 [156], Froger16 [313], Fahimi16 [286], NovaraNH16 [651]... (Total: 102)
CP	constraint optimization	KovacsTKSG21 [498], Dejemeppe16 [238], SultanikMR07 [804]	abs-2211-14492 [806], Lemos21 [524], Godet21a [344], abs-1901-07914 [106], LiuLH19 [543], PourDERB18 [707], MossigeGSMC17 [619], AlesioBNG15 [24], AlesioNBG14 [247], HeinzSB13 [406], MenciaSV13 [596], ChenGPSH10 [203], ElhouraniDM07 [270], Dorndorf2000 [258]	FalqueALM24 [291], TardivoDFMP23 [817], LacknerMMWW23 [515], TasselGS23 [819], abs-2306-05747 [820], GuoZ23 [373], FetgoD22 [298], Tassel22 [818], Edis21 [263], KoehlerBFFHPSSS21 [483], FallahiAC20 [290], FrohnerTR19 [314], abs-1902-01193 [20], Hooker19 [432], PinarbasiAY19 [699], BehrensLM19 [105], LiuLH18 [541], GoldwaserS18 [351], HookerH17 [436], GelainPRVW17 [333], ErkingerM17 [277], LiuCGM17 [546], EmeretlisTAV17 [275], CarlssonJL17 [189], GoldwaserS17 [350], GilesH16 [340], MurphyMB15 [625], Derrien15 [244], GrimesH15 [360]... (Total: 55)
CP	constraint programming	BonninMNE24 [154], abs-2402-00459 [647], LuZZYW24 [564], PrataAN23 [711], ForbesHJST24 [303], IsikYA23 [445], AfsarVPG23 [12], AalianPG23 [1], abs-2312-13682 [691], AbreuPNF23 [5], CzerniachowskaWZ23 [222], MontemanniD23 [617], AkramNHRSA23 [19], abs-2306-05747 [820], Fatemi-AnarakiTFV23 [294], NaderiRR23 [637], ZhuSZW23 [933], Adelgren2023 [11], TasselGS23 [819], JuvinHL23 [458], abs-2305-19888 [408], LacknerMMWW23 [515], GurPAE23 [374], WessenCSFPM23 [889], PovedaAA23 [708], YuraszeckMCCR23 [911], JuvinHL23a [459], Mehdizadeh-Somarin23 [592], MarliereSPR23 [587]... (Total: 357)	FalqueALM24 [291], KameugneFND23 [464], AlfieriGPS23 [25], SquillaciPR23 [800], NaderiBZR23 [632], YuraszeckMC23 [909], ShaikhK23 [781], EfthymiouY23 [267], GokPTGO23 [348], WangB23 [882], JungblutK22 [453], NaqviAIAAA22 [638], LuoB22 [570], OuelletQ22 [673], VlkHT21 [875], KoehlerBFFHPSSS21 [483], Zahout21 [912], HanenKP21 [387], LacknerMMWW21 [514], GeibingerMM21 [331], GeibingerKKMMW21 [328], KlankeBYE21 [479], NattafM20 [645], Mercier-AubinGQ20 [602], ThomasKS20 [829], WessenCS20 [888], QinDCS20 [718], FachiniA20 [285], MejiaY20 [593]... (Total: 185)	LiLZDZW24 [530], BofillCGGPSV23 [141], GuoZ23 [373], TardivoDFMP23 [817], IklassovMR023 [444], SvancaraB22 [809], KotaryFH22 [490], ElciOH22 [268], abs-2102-08778 [217], BadicaBI20 [55], GokGSTO20 [347], CarlierPSJ20 [187], ColT2019a [223], KonowalenkoMM19 [486], PachecoPR19 [679], FrimodigS19 [312], BadicaBIL19 [56], HoYCLLCLC18 [420], GombolayWS18 [353], Tesch18 [826], GoldwaserS17 [350], Hooker17 [431], BofillCSV17 [143], BridiLBBM16 [167], NattafALR16 [642], LimHTB16 [535], KinsellaS0OS16 [477], TranDRFWOVB16 [840], AmadiniGM16 [27]... (Total: 122)

Table 14: Works for Concepts of Type CP (Total 9 Concepts, 9 Used)

Type	Keyword	High	Medium	Low
CP	constraint satisfaction	abs-2211-14492 [806], Lemos21 [524], Godet21a [344], ZarandiASC20 [915], LiuLH19a [542], Madi-WambaLOBM17 [574], HookerH17 [436], Fahimi16 [286], ZarandiKS16 [914], Siala15a [786], Derrien15 [244], Kameugne14 [461], ZhangLS12 [927], Clercq12 [235], BartakS11 [78], TrojetHL11 [849], Schutt11 [767], HeckmanB11 [401], BartakCS10 [77], ChenGPSH10 [203], Lombardi10 [548], BartakSR10 [79], Salido10 [758], BartakSR08 [83], RussellU06 [750], KovacsV04 [496], BarbulescuWH04 [72], DilkinaH04 [249], KanetAG04 [468]... (Total: 59)	ZhuSZW23 [933], JuvinHHL23 [456], TardivoDFMP23 [817], Astrand21 [50], FallahiAC20 [290], Caballero19 [174], abs-1902-01193 [20], LiuLH19 [543], TangLWSK18 [816], GokgurHO18 [349], German18 [335], GelainPRVW17 [333], SchuttS16 [776], JelinekB16 [450], Dejemeppe16 [238], Froger16 [313], MurphyMB15 [625], GayHLS15 [322], GrimesH15 [360], ChunS14 [207], OzturkTHO13 [677], HeinzSB13 [406], SchuttFS13 [770], Letort13 [525], HeinzB12 [402], LombardiM12 [555], KovacsK11 [495], LiuW11 [545], KelbelH11 [470]... (Total: 77)	ForbesHJST24 [303], FalqueALM24 [291], LuZZYW24 [564], GokPTGO23 [348], IsikYA23 [445], CzerniachowskaWZ23 [222], JuvinHL23a [459], MarliereSPR23 [587], Bit-Monnot23 [132], FrimodigECM23 [311], ShaikhK23 [781], NaderiRR23 [637], GeitzGSSW22 [332], SvancaraB22 [809], ZhangBB22 [924], ColT22 [224], GhandehariK22 [338], LuoB22 [570], EmdeZD22 [274], JuvinHL22 [457], CilKLO22 [208], FetgoD22 [298], KotaryFH22 [490], KoehlerBFFHPSSS21 [483], Groleaz21 [363], ZhangYW21 [925], PandeyS21a [681], AstrandJZ20 [53], Mercier-AubinGQ20 [602]... (Total: 215)
CP	propagation	LuZZYW24 [564], MarliereSPR23 [587], Bit-Monnot23 [132], TardivoDFMP23 [817], ZhuSZW23 [933], JuvinHHL23 [456], WangB23 [882], PohlAK22 [703], ZhangBB22 [924], CilKLO22 [208], FetgoD22 [298], HanenKP21 [387], Astrand21 [50], Lemos21 [524], Godet21a [344], Groleaz21 [363], AntuoriHHEN20 [31], SacramentoSP20 [752], AstrandJZ20 [53], ThomasKS20 [829], WangB20 [881], Caballero19 [174], PinarbasiAY19 [699], YangSS19 [901], PourDERB18 [707], CauwelaertLS18 [196], Tesch18 [826], KreterSSZ18 [501], German18 [335]... (Total: 217)	BonninMNE24 [154], NaderiRR23 [637], IsikYA23 [445], Fatemi-AnarakiTFV23 [294], NaderiBZR23 [632], KameugneFND23 [464], GokPTGO23 [348], BoudreaultSLQ22 [160], SubulanC22 [803], MengGRZSC22 [597], YunusogluY22 [908], OuelletQ22 [673], MullerMKP22 [622], GeitzGSSW22 [332], ColT22 [224], Edis21 [263], AntuoriHHEN21 [32], Bedhief21 [103], KoehlerBFFHPSSS21 [483], HillTV21 [418], MengZRZL20 [599], GokGSTO20 [347], FallahiAC20 [290], GroleazNS20 [365], CauwelaertDS20 [197], Polo-MejiaALB20 [705], CarlierPSJ20 [187], ArkhipovBL19 [37], NishikawaSTT19 [650]... (Total: 121)	ForbesHJST24 [303], abs-2306-05747 [820], TasselGS23 [819], AbreuPNF23 [5], abs-2312-13682 [691], PovedaAA23 [708], AlfieriGPS23 [25], KimCMLLP23 [476], FrimodigECM23 [311], WessenCSFPM23 [889], GurPAE23 [374], Adelgren2023 [11], AfsarVPG23 [12], AlakaP23 [22], AkramNHRSA23 [19], PerezGSL23 [690], OujanaAYB22 [674], Teppan22 [822], ElciOH22 [268], abs-2211-14492 [806], YuraszeckMPV22 [910], AwadMDMT22 [54], ArmstrongGOS22 [39], Alaka21 [21], MengLZB21 [598], KovacsTKSG21 [498], KlankeBYE21 [479], HamP21 [381], Zahout21 [912]... (Total: 197)

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 [849], Simonis07 [793], Kuchcinski03 [503], BosiM2001 [158], TrentesauxPT01 [846], SimonisCK00 [794], Simonis99 [792], GruianK98 [367], PapeB97 [684], Wallace96 [877], SimonisC95 [795], Simonis95a [790], Simonis95 [791], Goltz95 [352], BeldiceanuC94 [111], AggounB93 [13], DincbasS91 [251], DincbasSH90 [252]	ArmstrongGOS21 [38], YangSS19 [901], LaborieRSV18 [512], HookerH17 [436], Geske05 [336], PoderBS04 [702], Timpe02 [831], BeldiceanuC01 [107], HookerO99 [433], JoLLH99 [451], Beck99 [85], RodosekW98 [736], Zhou97 [930], LammaMM97 [518]	PrataAN23 [711], TardivoDFMP23 [817], KameugneFND23 [464], BourreauGGLT22 [162], PopovicCGNC22 [706], LuoB22 [570], FetgoD22 [298], Godet21a [344], KlankeBYE21 [479], AbidinK20 [3], GodetLHS20 [345], Caballero19 [174], abs-1902-01193 [20], GoldwaserS18 [351], BaptisteB18 [64], KameugneFGOQ18 [463], CauwelaertLS18 [196], GokgurHO18 [349], MossigeGSMC17 [619], Pralet17 [709], CarlssonJL17 [189], KreterSS17 [500], Madi-WambaB16 [573], FontaineMH16 [302], Dejemeppe16 [238], Fahimi16 [286], LetortCB15 [528], SimoninAHL15 [789], Siala15 [785]... (Total: 96)
CPSystems	CPO	CzerniachowskaWZ23 [222], NaderiRR23 [637], JuvinHL23a [459], LacknerMMWW23 [515], JuvinHHL23 [456], Bit-Monnot23 [132], NaderiBZ23 [634], WinterMMW22 [891], ColT22 [224], ZhangBB22 [924], NaderiBZ22 [633], RoshanaeiN21 [746], Zahout21 [912], LacknerMMWW21 [514], Groleaz21 [363], ArmstrongGOS21 [38], ThomasKS20 [829], Lunardi20 [568], NattafM20 [645], GroleazNS20 [365], Polo-MejiaALB20 [705], GroleazNS20a [364], SacramentoSP20 [752], 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 [659], NuijtenA94 [658]	JuvinHL23 [458], PovedaAA23 [708], NaderiBZ22a [631], OujanaAYB22 [674], GeibingerMM21 [331], abs-2102-08778 [217], TangB20 [815], Caballero19 [174], Ham18a [377], Laborie18a [511], Pralet17 [709], VilimLS15 [873], BartakSR10 [79], Vilim09 [868], GarridoAO09 [320], GarridoOS08 [321], BeldiceanuC94 [111]
CPSystems	Choco Solver	TasselGS23 [819], abs-2306-05747 [820], Godet21a [344], LiuLH18 [541], German18 [335], Fahimi16 [286], LetortCB15 [528], Derrien15 [244], LetortCB13 [527], Letort13 [525], OuelletQ13 [671], LetortBC12 [526], Malapert11 [578], Menana11 [594], abs-0907-0939 [697], 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], MeskensDL13 [604], Clercq12 [235], MalapertCGJLR12 [579], MalapertGR12 [581], ClercqPBJ11 [213], HermenierDL11 [415], MeskensDHG11 [603], HladikCDJ08 [419]	FalqueALM24 [291], BourreauGGLT22 [162], OuelletQ22 [673], Groleaz21 [363], Ham20a [378], GodetLHS20 [345], YangSS19 [901], OuelletQ18 [672], GingrasQ16 [341], AmadiniGM16 [27], Madi-WambaB16 [573], MurphyMB15 [625], EvenSH15 [283], GrimesH15 [360], EvenSH15a [284], BessiereHMQW14 [127], MalapertCGJLR13 [580], SimonisH11 [796], BartakSR10 [79], RossiTHP07 [747], CorreaLR07 [220], CambazardJ05 [177], Baptiste02 [62]
CPSystems	Chuffed	LacknerMMWW23 [515], PovedaAA23 [708], MullerMKP22 [622], BoudreaultSLQ22 [160], LacknerMMWW21 [514], GeibingerMM21 [331], Godet21a [344], ArmstrongGOS21 [38], KoehlerBFFHPSSS21 [483], GodetLHS20 [345], WallaceY20 [879], abs-1911-04766 [329], KreterSSZ18 [501], KreterSS17 [500], CarlssonJL17 [189], YoungFS17 [905], SzerediS16 [810], KreterSS15 [499]	GoldwaserS18 [351]	FrimodigECM23 [311], Caballero19 [174], SchuttS16 [776]
CPSystems	Claire	Nattaf16 [639], Siala15a [786], Siala15 [785], Malapert11 [578], Demassey03 [241], Elkhyari03 [271], BaptisteP00 [69], PapeB97 [684]	Zahout21 [912], Menana11 [594], BaptisteP97 [68]	HebrardALLCMR22 [396], Godet21a [344], HanenKP21 [387], PachecoPR19 [679], Derrien15 [244], Kameugne14 [461], Letort13 [525], Baptiste02 [62], BenoistGR02 [124], DraperJCJ99 [261], BaptistePN99 [66], PapaB98 [685]

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

Type	Keyword	High	Medium	Low
CPSystems	Cplex	GuoZ23 [373], ZhuSZW23 [933], CzerniachowskaWZ23 [222], NaderiBZ23 [634], AfsarVPG23 [12], NaderiBZR23 [632], Adelgren2023 [11], NaderiRR23 [637], MengGRZSC22 [597], ElciOH22 [268], OrnekOS20 [670], SubulanC22 [803], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], EmdeZD22 [274], MullerMKP22 [622], NaderiBZ22 [633], BourreauGGLT22 [162], WinterMMW22 [891], RoshanaeiN21 [746], Edis21 [263], HubnerGSV21 [440], KoehlerBFFHPSSS21 [483], PandeyS21a [681], 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 [836], CilKLO22 [208], NaderiBZ22a [631], YunusogluY22 [908], ColT22 [224], LacknerMMWW21 [514], MengLZB21 [598], Zahout21 [912], KovacsTKSG21 [498], QinWSLS21 [717], ArmstrongGOS21 [38], AbidinK20 [3], Ham20a [378], MokhtarzadehTNF20 [613], HauderBRPA20 [394], NattafM20 [645], WallaceY20 [879], MalapertN19 [582], NattafHKAL19 [644], abs-1902-09244 [393]... (Total: 81)	LuZZYW24 [564], BofillCGGPSV23 [141], JuvinHL23 [458], AbreuPNF23 [5], PovedaAA23 [708], AlakaP23 [22], SquillaciPR23 [800], FrimodigECM23 [311], GurPAE23 [374], YuraszeckMCCR23 [911], JuvinHL23a [459], AlfieriGPS23 [25], PenzDN23 [689], AalianPG23 [1], JuvinHL22 [457], PohlAK22 [703], GhandehariK22 [338], AbreuN22 [233], FarsiTM22 [293], PopovicCGNC22 [706], BulckG22 [857], abs-2211-14492 [806], YuraszeckMPV22 [910], abs-2102-08778 [217], GeibingerMM21 [331], Astrand21 [50], KletzanderMH21 [482], ArtiguesHQT21 [45], HamP21 [381]... (Total: 151)
CPSystems	ECLiPSe	BadicaBI20 [55], BadicaBIL19 [56], RoePS05 [742], EreminW01 [276], RodosekWH99 [737], RodosekW98 [736]	Kameugne14 [461], SchuttFSW11 [773], Malapert11 [578], Schutt11 [767], MilanoW09 [609], LiW08 [529], Wallace06 [878], MilanoW06 [608], KanetAG04 [468], KamarainenS02 [460], Simonis99 [792], Darby-DowmanLMZ97 [228], Wallace96 [877]	FanXG21 [292], MejiaY20 [593], WikarekS19 [890], HookerH17 [436], HarjunkoskiMBC14 [390], Clercq12 [235], ZeballosNH11 [920], ZeballosQH10 [921], LombardiMRB10 [558], Zeballos10 [916], SchuttFSW09 [771], BeniniBGM06 [120], QuirogaZH05 [721], BeniniBGM05 [118], ChuX05 [205], HarjunkoskiG02 [388], Baptiste02 [62], MartinPY01 [589], JainG01 [448], HarjunkoskiJG00 [389], PesantGPR99 [694], LammaMM97 [518]
CPSystems	Gecode	TardivoDFMP23 [817], Astrand21 [50], GokGSTO20 [347], BadicaBI20 [55], AstrandJZ20 [53], BadicaBIL19 [56], Fahimi16 [286], SzerediS16 [810], ZhouGL15 [931], GayHS15 [323], Kameugne14 [461], KameugneFSN14 [467], LarsonJC14 [519], OhrimenkoSC09 [667]	FrimodigECM23 [311], MullerMKP22 [622], AntuoriHHEN21 [32], Groleaz21 [363], GeibingerKKMMW21 [328], Astrand0F21 [51], FrohnerTR19 [314], GeibingerMM19 [330], abs-1911-04766 [329], LaborieRSV18 [512], CarlssonJL17 [189], BurtLPS15 [172], BofillEGPSV14 [144], LozanoCDS12 [563], Malapert11 [578], KovacsK11 [495], KameugneFSN11 [466], ThiruvadyBME09 [827]	WessenCSFPM23 [889], BofillCGGPSV23 [141], ArmstrongGOS21 [38], WessenCS20 [888], WallaceY20 [879], MengZRZL20 [599], YangSS19 [901], FrimodigS19 [312], MusliuSS18 [630], GoldwaserS18 [351], CauwelaertLS18 [196], AstrandJZ18 [52], GedikKBR17 [327], GoldwaserS17 [350], Dejemeppe16 [238], AmadiniGM16 [27], PesantRR15 [695], HarjunkoskiMBC14 [390], LombardiMB13 [557], Clercq12 [235], MonetteDD07 [614]
CPSystems	Gurobi	WangB23 [882], Adelgren2023 [11], LacknerMMWW23 [515], NaderiRR23 [637], WinterMMW22 [891], ZhangBB22 [924], LacknerMMWW21 [514], KoehlerBFFHPSSS21 [483], Lemos21 [524], KovacsTKSG21 [498], GeibingerKKMMW21 [328], FachiniA20 [285], WangB20 [881], GokGSTO20 [347], WallaceY20 [879], FrohnerTR19 [314], MusliuSS18 [630], GombolayWS18 [353], RoshanaeiLAU17 [745], KuB16 [502]	ForbesHJST24 [303], GuoZ23 [373], Groleaz21 [363], VlkHT21 [875], GoldwaserS18 [351], GoldwaserS17 [350], Froger16 [313], FontaineMH16 [302], LimBTBB15a [536]	abs-2305-19888 [408], KimCMLLP23 [476], MontemanniD23 [617], Tassel22 [818], HeinzNVH22 [407], BulckG22 [857], MengGRZSC22 [597], PohlAK22 [703], AbohashimaEG21 [4], MengLZB21 [598], HubnerGSV21 [440], FanXG21 [292], KlankeBYE21 [479], BenediktMH20 [116], MengZRZL20 [599], He0GLW18 [395], DemirovicS18 [243], BenediktSMVH18 [117], TranAB16 [838], AmadiniGM16 [27], BurtLPS15 [172], PesantRR15 [695], HarjunkoskiMBC14 [390]
CPSystems	Ilog Scheduler	Malapert11 [578], GrimesH11 [359], ZeballosQH10 [921], Laborie03 [508]	LaborieRSV18 [512], LimtanyakulS12 [539], HeinzB12 [402], NovasH12 [654], HeckmanB11 [401], BeckFW11 [93], Zeballos10 [916], RodriguezS09 [741], GrimesHM09 [361], RenT09 [729], WatsonB08 [886], Rodriguez07b [739], ZeballosH05 [918], BeckR03 [99], JainG01 [448], Beck99 [85], NuijtenP98 [660]	Laborie18a [511], KuB16 [502], Fahimi16 [286], TranWDRFOVB16 [845], SchuttS16 [776], GrimesH15 [360], TerekhovTDB14 [824], NovasH14 [655], UnsalO13 [852], TerekhovDOB12 [823], Schutt11 [767], ZeballosNH11 [920], SchuttFSW11 [773], LahimerLH11 [516], BeniniLMR11 [123], KovacsB11 [493], HachemiGR11 [376], OzturkTHO10 [676], abs-1009-0347 [772], ChenGPSH10 [203], TanSD10 [813], LopesCSM10 [559], NovasH10 [653], BidotVLB09 [130], ZeballosM09 [919], CarchraeB09 [181], RuggieroBBMA09 [749], Vilim09a [869], BeniniLMMR08 [121]... (Total: 68)

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

Type	Keyword	High	Medium	Low
CPSystems	Ilog Solver		GrimesH11 [359], ZeballosNH11 [920], Zeballos10 [916], ZeballosQH10 [921], LiW08 [529], SchausD08 [761], HarjunkoskiG02 [388], JainG01 [448], Refalo00 [728], HarjunkoskiJG00 [389], PesantGPR99 [694], PapeB97 [684]	CilKLO22 [208], PinarbasiAY19 [699], abs-1902-01193 [20], LaborieRSV18 [512], HookerH17 [436], ZarandiKS16 [914], Dejemeppe16 [238], AlesioBNG15 [24], Siala15 [785], Siala15a [786], PesantRR15 [695], BonfiettiLBM14 [149], NovasH14 [655], LombardiMB13 [557], OzturkTHO13 [677], TopaloglusS12 [834], TerekhovDOB12 [823], LombardiM12a [554], HeinzB12 [402], BonfiettiLBM12 [148], NovasH12 [654], BajestaniB11 [57], BandaSC11 [236], KelbelH11 [470], KovacsK11 [495], KovacsB11 [493], BonfiettiLBM11 [147], TopaloglusO11 [833], Schutt11 [767]... (Total: 83)
CPSystems	MiniZinc	LacknerMMWW23 [515], WessenCSFPM23 [889], TardivoDFMP23 [817], BoudreaultSLQ22 [160], MullerMKP22 [622], JungblutK22 [453], ColT22 [224], KoehlerBFFHPSSS21 [483], ArmstrongGOS21 [38], LacknerMMWW21 [514], Mercier-AubinGQ20 [602], WallaceY20 [879], FrohnerTR19 [314], abs-1911-04766 [329], ColT2019a [223], GeibingerMM19 [330], ColT19 [218], CarlssonJL17 [189], HookerH17 [436], YoungFS17 [905], LiuCGM17 [546], SzerediS16 [810], AmadiniGM16 [27], BofillEGPSV14 [144], KelarevaTK13 [469]	FalqueALM24 [291], PovedaAA23 [708], Godet21a [344], GokGSTO20 [347], MusliuSS18 [630], KreterSS17 [500], KreterSS15 [499], LarsonJC14 [519]	Bit-Monnot23 [132], BofillCGGPSV23 [141], FrimodigECM23 [311], OuelletQ22 [673], 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 [843], FontaineMH16 [302], SchuttS16 [776], BurtLPS15 [172], SchuttFS13 [770], HeinzSB13 [406]
CPSystems	Mistral	JuvinHHL23 [456], Siala15a [786], Siala15 [785], Malapert11 [578], GrimesHM09 [361]	Bit-Monnot23 [132], Kameugne14 [461], BillautHL12 [131]	GrimesH15 [360], SialaAH15 [787]
CPSystems	OPL	LacknerMMWW23 [515], GuoZ23 [373], YunusogluY22 [908], MullerMKP22 [622], TouatBT22 [836], ColT22 [224], PandeyS21a [681], KoehlerBFFHPSSS21 [483], LacknerMMWW21 [514], AbidinK20 [3], QinDCS20 [718], Novas19 [652], EscobetPQPRA19 [279], LaborieRSV18 [512], TangLWSK18 [816], QinDS16 [719], Dejemeppe16 [238], NovaraNH16 [651], AlesioNBG14 [247], LouieVNB14 [562], ArtiguesLH13 [47], TopaloglusS12 [834], NovasH12 [654], HachemiGR11 [376], ZeballosNH11 [920], ZeballosQH10 [921], Zeballos10 [916], ZeballosCM10 [917], ZeballosM09 [919]... (Total: 39)	LuZZYW24 [564], AwadMDMT22 [54], Teppan22 [822], SubulanC22 [803], MengLZB21 [598], Mercier-AubinGQ20 [602], ZarandiASC20 [915], ZouZ20 [936], MurinR19 [623], Laborie18a [511], CappartTSR18 [180], HookerH17 [436], OrnekO16 [669], WangMD15 [883], LimBTBB15 [537], EvenSH15a [284], NovasH14 [655], HarjunkoskiMBC14 [390], ChunS14 [207], HamdiL13 [385], OzturkTHO13 [677], SuCC13 [802], HeinzB12 [402], SerraNM12 [780], EdisO11 [264], TopaloglusO11 [833], ZibranR11a [935], KelbelH11 [470], Menana11 [594]... (Total: 56)	abs-2402-00459 [647], FalqueALM24 [291], ForbesHJST24 [303], YuraszeckMCCR23 [911], CzerniachowskaWZ23 [222], MontemanniD23 [617], IsikYA23 [445], PerezGSL23 [690], EfthymiouY23 [267], AbreuPNF23 [5], abs-2312-13682 [691], GurPAE23 [374], Fatemi-AnarakiTFV23 [294], GokPTGO23 [348], AbreuNP23 [234], ArmstrongGOS22 [39], LiFJZLL22 [531], ZhangBB22 [924], GhandehariK22 [338], BoudreaultSLQ22 [160], MengGRZSC22 [597], GeitzGSSW22 [332], CilKLO22 [208], OujanaAYB22 [674], VlkHT21 [875], HamPK21 [382], QinWSLS21 [717], Astrand21 [50], Lemos21 [524]... (Total: 149)
CPSystems	OR-Tools	abs-2402-00459 [647], LacknerMMWW23 [515], ColT22 [224], MullerMKP22 [622], abs-2211-14492 [806], 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 [829], LiuCGM17 [546], Dejemeppe16 [238]	Bit-Monnot23 [132], KimCMLLP23 [476], MontemanniD23 [617], AkramNHRSA23 [19], MontemanniD23a [616], IklassovMR023 [444], Teppan22 [822], EtminaniesfahaniGNMS22 [282], Tassel22 [818], KlankeBYE21 [479], MengZRZL20 [599], GroleazNS20 [365], GalleguillosKSB19 [317], YangSS19 [901], BehrensLM19 [105], abs-1901-07914 [106], PourDERB18 [707], GedikKBR17 [327], BonfiettiZLM16 [153], AmadiniGM16 [27], ZhouGL15 [931], LombardiMB13 [557], LombardiM12 [555]
CPSystems	OZ	Layfield02 [522]	ZeballosNH11 [920], 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 [765], KuB16 [502], SchnellH15 [764], HeinzSB13 [406], HeinzB12 [402], MilanoW09 [609], AchterbergBKW08 [8]	BofillCSV17 [143], HookerH17 [436], TranAB16 [838], BofillEGPSV14 [144], SchuttFS13a [769], HeinzKB13 [403], CireCH13 [209]	GuoZ23 [373], NaderiRR23 [637], Groleaz21 [363], WikarekS19 [890], SzerediS16 [810], KinsellaS0OS16 [477], QinDS16 [719], HarjunkoskiMBC14 [390], KelarevaTK13 [469], ZampelliVSDR13 [913], Schutt11 [767], HeinzS11 [405], BertholdHLMS10 [126]
CPSystems	SICStus	ArmstrongGOS21 [38], LetortCB15 [528], Letort13 [525], LetortCB13 [527], LetortBC12 [526], WolfS05a [895]	MossigeGSMC17 [619], Kameugne14 [461], Schutt11 [767], Malapert11 [578], SchuttFSW11 [773], QuSN06 [720]	PopovicCGNC22 [706], ArmstrongGOS22 [39], YangSS19 [901], German18 [335], Madi-WambaLOBM17 [574], JelinekB16 [450], Clercq12 [235], BeldiceanuCDP11 [109], TrojetHL11 [849], BartakCS10 [77], Wolf09 [897], SchuttFSW09 [771], BeldiceanuCP08 [110], ClautiauxJCM08 [211], Geske05 [336], MeyerE04 [605], Kuchcinski03 [503], Bartak02 [75], BeldiceanuC02 [108], BeldiceanuC01 [107], Simonis99 [792], CarlssonKA99 [190], GetoorOFC97 [337]
CPSystems	Z3	Edis21 [263], KoehlerBFFHPSSS21 [483], GokGSTO20 [347], YounespourAKE19 [904], ErkingerM17 [277], Menana11 [594], SureshMOK06 [808]	NaderiRR23 [637], VlkHT21 [875], WikarekS19 [890], ArkhipovBL19 [37], German18 [335], LimBTBB15a [536], ZeballosCM10 [917], ClautiauxJCM08 [211], Baptiste02 [62], Zhou97 [930]	KotaryFH22 [490], CilKLO22 [208], Groleaz21 [363], Caballero19 [174], ZhangW18 [926], BofillCSV17 [143], BertholdHLMS10 [126], Rodriguez07 [738], Rodriguez07b [739], Wallace06 [878], Layfield02 [522], Zhou96 [929]

7.6 Concept Type Classification

Table 16: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

Type	Keyword	High	Medium	Low
Classification	2BPHFSP	TangB20 [815]		
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 [879]		
Classification	CTW	KoehlerBFFHPSSS21 [483]	Lombardi10 [548]	
Classification	CuSP	KameugneFND23 [464], FetgoD22 [298], CarlierPSJ20 [187], Tesch18 [826], KameugneFGOQ18 [463], Tesch16 [825], NattafALR16 [642], Nattaf16 [639], Froger16 [313], NattafAL15 [640], Derrien15 [244], KameugneFSN14 [467], ArtiguesL14 [46], Kameugne14 [461], DerrienPZ14 [246], ArtiguesLH13 [47], KameugneFSN11 [466], SchuttW10 [777], Demassey03 [241], BaptistePN99 [66]	Fahimi16 [286], GingrasQ16 [341], OuelletQ13 [671], Elkhyari03 [271]	TardivoDFMP23 [817], HanenKP21 [387], Zahout21 [912], DerrienP14 [245]
Classification	EOSP		SquillaciPR23 [800]	
Classification	Earth Observation Scheduling Problem		SquillaciPR23 [800]	
Classification	FJS	JuvinHL23a [459], YuraszeckMCCR23 [911], WangB23 [882], MengGRZSC22 [597], JuvinHL22 [457], MullerMKP22 [622], Teppan22 [822], HamPK21 [382], HamP21 [381], MengLZB21 [598], MengZRZL20 [599], WangB20 [881], Lunardi20 [568], LunardiBLRV20 [567], ZarandiASC20 [915], Novas19 [652], MossigeGSMC17 [619], HamC16 [384], OddiRCS11 [665]	OujanaAYB22 [674], HauderBRPA20 [394], abs-1902-09244 [393], ZhangW18 [926], SchuttFS13 [770]	NaderiRR23 [637], ColT22 [224], ZhouGL15 [931]
Classification	Fixed Job Scheduling	WangB20 [881]	WangB23 [882]	
Classification	GCSP	Groleaz21 [363], GroleazNS20 [365]		
Classification	HFF	ArmstrongGOS22 [39], OujanaAYB22 [674], ArmstrongGOS21 [38], FachiniA20 [285], ZhouGL15 [931]		
Classification	HFFTT	ArmstrongGOS22 [39], ArmstrongGOS21 [38]		
Classification	HFS	IsikYA23 [445], MengGRZSC22 [597], ZhangJZL22 [923], ArmstrongGOS21 [38], MengLZB21 [598], Astrand21 [50], Bedhief21 [103], TangB20 [815], MengZRZL20 [599], Baptiste02 [62]		ArmstrongGOS22 [39], ZarandiASC20 [915], Novas19 [652], ZhouGL15 [931]
Classification	JSPT		MurinR19 [623]	

Table 16: 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 [820], TasselGS23 [819], YuraszeckMC23 [909], YuraszeckMCCR23 [911], JuvinHL22 [457], Teppan22 [822], GeitzGSSW22 [332], ColT22 [224], YuraszeckMPV22 [910], Godet21a [344], abs-2102-08778 [217], ZarandiASC20 [915], ColT19 [218], Pralet17 [709], MenciaSV13 [596], MenciaSV12 [595], OddiRCS11 [665], KelbelH11 [470], BidotVLB09 [130], GodardLN05 [343], Baptiste02 [62], CestaOS00 [201], SourdN00 [799], TorresL00 [835], PapaB98 [685], NuijtenP98 [660], NuijtenA96 [659]... (Total: 31)	GalleguillosKSB19 [317], LombardiBM15 [549], SialaAH15 [787], BelhadjiI98 [113]	EfthymiouY23 [267], Mehdizadeh-Somarin23 [592], CzerniachowskaWZ23 [222], WikarekS19 [890], PraletLJ15 [710], GrimesH15 [360], BajestaniB11 [57], ChenGPSH10 [203], MercierH07 [601]
Classification	KRFP	KamarainenS02 [460], SakkoutW00 [757]		
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 [786], Siala15 [785], MalapertCGJLR12 [579]	SquillaciPR23 [800], GrimesHM09 [361], MonetteDD07 [614]	MengZRZL20 [599], LiuLH18 [541], Dorndorf2000 [258]
Classification	OSSP	YuraszeckMC23 [909], AbreuNP23 [234], AbreuPNF23 [5], AbreuN22 [233], YuraszeckMPV22 [910], ColT22 [224], AbreuAPNM21 [232], RoshanaeiN21 [746], MejiaY20 [593], Baptiste02 [62]		YuraszeckMCCR23 [911], ZarandiASC20 [915]
Classification	Open Shop Scheduling Problem	AbreuPNF23 [5], AbreuNP23 [234], AbreuN22 [233], AbreuAPNM21 [232], ZarandiASC20 [915], MejiaY20 [593]	Malapert11 [578], LorigeonBB02 [561], Dorndorf2000 [258]	PrataAN23 [711], NaderiRR23 [637], YuraszeckMCCR23 [911], Bit-Monnot23 [132], YuraszeckMPV22 [910], ColT22 [224], Groleaz21 [363], MengZRZL20 [599], SacramentoSP20 [752], HookerH17 [436], GrimesH15 [360], MalapertCGJLR13 [580], MalapertCGJLR12 [579], Schutt11 [767], GrimesH10 [358], OhrimenkoSC09 [667], GrimesHM09 [361], MonetteDD07 [614], JussienL02 [455], Baptiste02 [62], VerfaillieL01 [863]
Classification	PJSSP	Baptiste02 [62]	PapaB98 [685]	
Classification	PMSP	NaderiRR23 [637], YunusogluY22 [908], WinterMMW22 [891], PandeyS21a [681], Godet21a [344], GodetLHS20 [345], MalapertN19 [582], GedikKEK18 [326], GomesM17 [355], TranAB16 [838], TranB12 [839]	VlkHT21 [875], NattafM20 [645], ArtiguesLH13 [47]	OujanaAYB22 [674], ColT22 [224], MengGRZSC22 [597], ZarandiASC20 [915]
Classification	PTC	NattafM20 [645], MalapertN19 [582], NattafDYW19 [643]	NaderiRR23 [637]	CzerniachowskaWZ23 [222], Teppan22 [822], ColT2019a [223], Dejemeppe16 [238]
Classification	Partial Order Schedule	PolicellaWSO05 [704]	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 16: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

Type	Keyword	High	Medium	Low
Classification	RCPSP	YuraszeckMCCR23 [911], GokPTGO23 [348], PovedaAA23 [708], CampeauG22 [178], EtminaniesfahaniGNMS22 [282], SubulanC22 [803], BoudreaultSLQ22 [160], FetgoD22 [298], GeibingerMM21 [331], BenderWS21 [114], Zahout21 [912], Groleaz21 [363], HubnerGSV21 [440], Godet21a [344], HillTV21 [418], ArtiguesHQT21 [45], HauderBRPA20 [394], Polo-MejiaALB20 [705], ZarandiASC20 [915], GokGSTO20 [347], GeibingerMM19 [330], abs-1911-04766 [329], Caballero19 [174], abs-1902-09244 [393], ArkhipovBL19 [37], BhatnagarKL19 [128], KreterSSZ18 [501], LaborieRSV18 [512], TangLWSK18 [816]... (Total: 77)	KameugneFND23 [464], Caballero23 [175], TardivoDFMP23 [817], KovacsTKSG21 [498], GroleazNS20a [364], CarlierPSJ20 [187], CauwelaertLS18 [196], BaptisteB18 [64], Tesch18 [826], 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 [772], KeriK07 [473], KovacsV06 [497], HeipckeCCS00 [409], ArtiguesR00 [48]	AbreuPNF23 [5], NaderiRR23 [637], TouatBT22 [836], GeitzGSSW22 [332], HanenKP21 [387], Astrand21 [50], ZhangYW21 [925], Lemos21 [524], Mercier-AubinGQ20 [602], NattafHKAL19 [644], WikarekS19 [890], OuelletQ18 [672], FahimiOQ18 [287], HookerH17 [436], BonfiettiZLM16 [153], GingrasQ16 [341], Tesch16 [825], NattafALR16 [642], Fahimi16 [286], RiiseML16 [733], CauwelaertLS15 [195], GayHS15a [324], Maillard15 [576], Siala15 [785], Siala15a [786], SialaAH15 [787], 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 [708], EtminaniesfahaniGNMS22 [282], SubulanC22 [803], BoudreaultSLQ22 [160], Godet21a [344], HillTV21 [418], ZarandiASC20 [915], abs-1902-09244 [393], Caballero19 [174], SchnellH15 [764], HeinzSB13 [406], LombardiM12 [555], SchuttFSW11 [773], Schutt11 [767], Lombardi10 [548], DemasseyAM05 [242], Demassey03 [241]	KameugneFND23 [464], YuraszeckMCCR23 [911], Astrand21 [50], Groleaz21 [363], HubnerGSV21 [440], GokGSTO20 [347], Polo-MejiaALB20 [705], HauderBRPA20 [394], ArkhipovBL19 [37], NattafHKAL19 [644], KameugneFGOQ18 [463], SchnellH17 [765], BofillCSV17a [142], BofillCSV17 [143], YoungFS17 [905], AmadiniGM16 [27], SchuttS16 [776], Nattaf16 [639], SzerediS16 [810], VilimLS15 [873], Kameugne14 [461], SchuttFSW13 [774], SchuttFS13a [769], GuSS13 [368], GuSW12 [370], LombardiM12a [554], SchuttCSW12 [768], abs-1009-0347 [772], 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 [925], GeibingerMM21 [331], GroleazNS20a [364], GroleazNS20 [365], SacramentoSP20 [752], AstrandJZ20 [53], BadicaBI20 [55], GalleguillosKSB19 [317], abs-1911-04766 [329], BhatnagarKL19 [128], GeibingerMM19 [330], Tesch18 [826], LaborieRSV18 [512], KreterSSZ18 [501], AgussurjaKL18 [17], FahimiOQ18 [287], GombolayWS18 [353], BaptisteB18 [64], CauwelaertLS18 [196]... (Total: 72)
Classification	Resource-constrained Project Scheduling Problem with Discounted Cashflow			ZarandiASC20 [915]
Classification	SBSFMMAL	OzturkTHO13 [677], OzturkTHO10 [676]	OzturkTHO15 [678]	
Classification	SCC	KimCMLLP23 [476], WolinskiKG04 [898]	SchuttFSW13 [774], Lombardi10 [548], abs-1009-0347 [772]	PohlAK22 [703], Zahout21 [912], TanZWGQ19 [814], PachecoPR19 [679], LombardiMB13 [557], BeniniLMR11 [123], SchausHMCMD11 [762], LombardiMRB10 [558], BeniniLMR08 [122], BeniniLMMR08 [121]
Classification	TCSP	BelhadjiI98 [113]	CestaOS00 [201]	Zahout21 [912], LombardiM10a [552], Lombardi10 [548], BartakSR10 [79], Demassey03 [241]
Classification	TMS	PopovicCGNC22 [706], Froger16 [313], ChunS14 [207], Junker00 [454], Hamscher91 [386]	BegB13 [104]	NaqviAIAAA22 [638], CappartS17 [179], Siala15a [786], Siala15 [785], JussienL02 [455], ChunCTY99 [206], MorgadoM97 [618], Prosser89 [713]
Classification	Temporal Constraint Satisfaction Problem		BelhadjiI98 [113]	BartakSR10 [79], MoffittPP05 [612], Elkhyari03 [271]

Table 16: Works for Concepts of Type Classification (Total 48 Concepts, 43 Used)

Type	Keyword	High	Medium	Low
Classification	parallel machine	PrataAN23 [711], abs-2305-19888 [408], IsikYA23 [445], NaderiRR23 [637], Adelgren2023 [11], CzerniachowskaWZ23 [222], ZhangJZL22 [923], WinterMMW22 [891], MengGRZSC22 [597], YunusogluY22 [908], HeinzNVH22 [407], OujanaAYB22 [674], MengLZB21 [598], Astrand21 [50], Groleaz21 [363], PandeyS21a [681], Godet21a [344], ZarandiASC20 [915], MengZRZL20 [599], Lunardi20 [568], GodetLHS20 [345], NattafM20 [645], NattafDYW19 [643], MalapertN19 [582], GedikKEK18 [326], TanT18 [812], GokgurHO18 [349], ArbaouiY18 [35], GomesM17 [355]... (Total: 38)	NaderiBZ23 [634], PenzDN23 [689], Fatemi-AnarakiTFV23 [294], AbreuPNF23 [5], JuvinHL23a [459], AbreuNP23 [234], NaderiBZ22 [633], Teppan22 [822], EmdeZD22 [274], ColT22 [224], Bedhief21 [103], Zahout21 [912], MokhtarzadehTNF20 [613], SacramentoSP20 [752], MejiaY20 [593], ParkUJR19 [686], Novas19 [652], BogaerdtW19 [859], Ham18a [377], BenediktSMVH18 [117], RoshanaeiLAU17 [745], CatusseCBL16 [193], QinDS16 [719], ZhouGL15 [931], TerekhovTDB14 [824], BajestaniB13 [58], TranTDB13 [842], 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 [670], NaderiBZ22a [631], AwadMDMT22 [54], EtminaniesfahaniGNMS22 [282], HanenKP21 [387], AbohashimaEG21 [4], LacknerMMWW21 [514], FanXG21 [292], AbreuAPNM21 [232], HamPK21 [382], RoshanaeiN21 [746], Ham20a [378], RoshanaeiBAUB20 [743], GroleazNS20a [364], QinDCS20 [718], AstrandJZ20 [53], NishikawaSTT19 [650], UnsalO19 [853], ArkhipovBL19 [37], Hooker19 [432]... (Total: 66)
Classification	psplib	TardivoDFMP23 [817], Caballero19 [174], ArkhipovBL19 [37], KreterSSZ18 [501], OuelletQ18 [672], GayHS15a [324], LetortCB15 [528], Derrien15 [244], KameugneFSN14 [467], DerrienP14 [245], Kameugne14 [461], SchuttFSW13 [774], SchuttFS13a [769], HeinzSB13 [406], Letort13 [525], Clercq12 [235], SchuttFSW11 [773], Schutt11 [767], BertholdHLMS10 [126], SchuttFSW09 [771], Laborie05 [509], Demassey03 [241]	KameugneFND23 [464], BoudreaultSLQ22 [160], EtminaniesfahaniGNMS22 [282], HillTV21 [418], BadicaBI20 [55], BaptisteB18 [64], Tesch18 [826], FahimiOQ18 [287], SchnellH17 [765], BofillCSV17a [142], GingrasQ16 [341], Nattaf16 [639], SzerediS16 [810], Tesch16 [825], GayHLS15 [322], VilimLS15 [873], LombardiBM15 [549], BonfiettiLM14 [151], LetortCB13 [527], LetortBC12 [526], LombardiM12a [554], HeinzS11 [405], Vilim11 [870], abs-1009-0347 [772], SchuttW10 [777], BruckerK00 [169]	Godet21a [344], LaborieRSV18 [512], CauwelaertLS18 [196], YoungFS17 [905], Pralet17 [709], BofillCSV17 [143], Dejemeppe16 [238], SchnellH15 [764], CauwelaertLS15 [195], ThiruvadyWGS14 [828], LombardiM13 [556], OuelletQ13 [671], LombardiM12 [555], KameugneFSN11 [466], LiessM08 [532], FortinZDF05 [304], DemasseyAM05 [242], PolicellaWSO05 [704], ElkhyariGJ02a [273]
Classification	rtRTMP	MarliereSPR23 [587]		
Classification	single machine	BonninMNE24 [154], PrataAN23 [711], AlfieriGPS23 [25], LacknerMMWW23 [515], PenzDN23 [689], TouatBT22 [836], HamPK21 [382], Groleaz21 [363], BenediktMH20 [116], ZarandiASC20 [915], BogaerdtW19 [859], BajestaniB15 [59], BajestaniB13 [58], TerekhovDOB12 [823], MalapertGR12 [581], KovacsB11 [493], WuBB09 [900], ThiruvadyBME09 [827], KovacsB07 [491], SadykovW06 [755], KanetAG04 [468], Elkhyari03 [271], Baptiste02 [62], BosiM2001 [158], SourdN00 [799], BlazewiczDP96 [173]	NaderiBZ23 [634], ZhangBB22 [924], NaderiBZ22 [633], ElciOH22 [268], EmdeZD22 [274], YuraszeckMPV22 [910], Bedhief21 [103], LacknerMMWW21 [514], Zahout21 [912], KoehlerBFFHPSSS21 [483], PandeyS21a [681], Astrand21 [50], HillTV21 [418], AbreuAPNM21 [232], NattafM20 [645], Lunardi20 [568], TanT18 [812], BenediktSMVH18 [117], Tesch18 [826], TranPZLDB18 [841], GomesM17 [355], TranAB16 [838], LaborieR14 [513], KoschB14 [489], TranB12 [839], BillautHL12 [131], KovacsK11 [495], Malapert11 [578], Beck10 [88]... (Total: 40)	abs-2402-00459 [647], LuZZYW24 [564], IsikYA23 [445], Fatemi-AnarakiTFV23 [294], NaderiRR23 [637], JuvinHL23a [459], Mehdizadeh-Somarin23 [592], GeitzGSSW22 [332], JuvinHL22 [457], ZhangJZL22 [923], ColT22 [224], PohlAK22 [703], AbreuN22 [233], abs-2211-14492 [806], LiFJZLL22 [531], FanXG21 [292], Godet21a [344], QinWSLS21 [717], KovacsTKSG21 [498], GodetLHS20 [345], TangB20 [815], ParkUJR19 [686], NattafDYW19 [643], NattafHKAL19 [644], Hooker19 [432], Tom19 [832], HoundjiSW19 [438], MalapertN19 [582], ArbaouiY18 [35]... (Total: 98)

7.7 Concept Type Concepts

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	Allen's algebra			
Concepts	BOM	SubulanC22 [803], KonowalenkoMM19 [486], OrnekO16 [669]		HoundjiSW19 [438], abs-1902-01193 [20], UnsalO19 [853]
Concepts	Benders Decomposition	ForbesHJST24 [303], GuoZ23 [373], ZhuSZW23 [933], NaderiBZR23 [632], JuvinHL23a [459], NaderiBZ23 [634], ElciOH22 [268], NaderiBZ22a [631], JuvinHL22 [457], EmdeZD22 [274], NaderiBZ22 [633], RoshanaeiN21 [746], VlkHT21 [875], FachiniA20 [285], RoshanaeiBAUB20 [743], SunTB19 [805], UnsalO19 [853], Hooker19 [432], GombolayWS18 [353], TanT18 [812], AgussurjaKL18 [17], GoldwaserS18 [351], HookerH17 [436], GomesM17 [355], EmeretlisTAV17 [275], CireCH16 [210], QinDS16 [719], TranAB16 [838], Froger16 [313]... (Total: 67)	LuZZYW24 [564], NaderiRR23 [637], MengGRZSC22 [597], BulckG22 [857], TangB20 [815], TanZWGQ19 [814], Laborie18a [511], TranVNB17 [843], RoshanaeiLAU17 [745], GoldwaserS17 [350], RiiseML16 [733], HarjunkoskiMBC14 [390], GuyonLPR12 [375], LombardiMRB10 [558], BeniniLMR08 [122], RasmussenT07 [725], Hooker05a [425], HookerY02 [437]	PrataAN23 [711], PovedaAA23 [708], AlfieriGPS23 [25], JuvinHHL23 [456], LuoB22 [570], FarsiTM22 [293], Godet21a [344], QinDCS20 [718], WallaceY20 [879], MengZRZL20 [599], AntunesABD20 [30], Mercier-AubinGQ20 [602], Polo-MejiaALB20 [705], MurinR19 [623], PachecoPR19 [679], 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: 48)
Concepts	Infeasible	ForbesHJST24 [303], BulckG22 [857], EmdeZD22 [274], KoehlerBFFHPSSS21 [483], Lemos21 [524], RoshanaeiN21 [746], VlkHT21 [875], AntunesABD20 [30], Lunardi20 [568], RoshanaeiBAUB20 [743], TangB20 [815], Caballero19 [174], Hooker19 [432], UnsalO19 [853], AgussurjaKL18 [17], AntunesABD18 [29], GoldwaserS18 [351], LaborieRSV18 [512], MusliuSS18 [630], PourDERB18 [707], EmeretlisTAV17 [275], GoldwaserS17 [350], GomesM17 [355], KreterSS17 [500], RoshanaeiLAU17 [745], BonfiettiZLM16 [153], DoulabiRP16 [260], Froger16 [313], NattafALR16 [642]... (Total: 73)	GokPTGO23 [348], NaderiBZR23 [632], ZhangBB22 [924], Astrand21 [50], FachiniA20 [285], LunardiBLRV20 [567], SacramentoSP20 [752], BhatnagarKL19 [128], TanZWGQ19 [814], NattafAL17 [641], BridiBLMB16 [166], CireCH16 [210], GoelSHFS15 [346], ZhaoL14 [928], ArtiguesLH13 [47], HeinzSB13 [406], HeinzB12 [402], MalapertGR12 [581], TranB12 [839], BonfiettiLBM11 [147], HeinzS11 [405], LombardiBMB11 [550], ZeballosNH11 [920], CobanH10 [214], KendallKRU10 [471], LombardiM10a [552], LombardiMRB10 [558], LopesCSM10 [559], OddiRC10 [664]... (Total: 48)	LuZZYW24 [564], abs-2402-00459 [647], AalianPG23 [1], AbreuNP23 [234], Fatemi-AnarakiTFV23 [294], GuoZ23 [373], JuvinHL23 [458], LacknerMMWW23 [515], MarliereSPR23 [587], NaderiBZ23 [634], PovedaAA23 [708], SquillaciPR23 [800], WessenCSFPM23 [889], abs-2305-19888 [408], CilKLO22 [208], ElciOH22 [268], FarsiTM22 [293], HeinzNVH22 [407], KotaryFH22 [490], LiFJZLL22 [531], LuoB22 [570], NaderiBZ22 [633], OrnekOS20 [670], WinterMMW22 [891], YunusogluY22 [908], ZhangJZL22 [923], Bedhief21 [103], HamP21 [381], HubnerGSV21 [440]... (Total: 179)
Concepts	Logic-Based Benders Decomposition	ForbesHJST24 [303], ZhuSZW23 [933], NaderiBZR23 [632], JuvinHL23a [459], GuoZ23 [373], NaderiBZ22a [631], ElciOH22 [268], JuvinHL22 [457], EmdeZD22 [274], VlkHT21 [875], RoshanaeiN21 [746], FachiniA20 [285], UnsalO19 [853], Hooker19 [432], SunTB19 [805], GoldwaserS18 [351], TanT18 [812], EmeretlisTAV17 [275], HookerH17 [436], HechingH16 [400], CireCH16 [210], TranAB16 [838], BajestaniB15 [59], CireCH13 [209], HamdiL13 [385], HeinzKB13 [403], BajestaniB13 [58], TranB12 [839], LombardiM12 [555]... (Total: 37)	NaderiBZ23 [634], NaderiRR23 [637], NaderiBZ22 [633], TangB20 [815], RoshanaeiBAUB20 [743], Laborie18a [511], GoldwaserS17 [350], Froger16 [313], HeinzB12 [402], GuyonLPR12 [375], Lombardi10 [548], CobanH10 [214], MilanoW09 [609], BeniniLMR08 [122], BeniniLMMR08 [121], HladikCDJ08 [419], CorreaLR07 [220], RasmussenT07 [725], Hooker06 [427], HookerY02 [437]	PrataAN23 [711], JuvinHHL23 [456], BulckG22 [857], FarsiTM22 [293], Mercier-AubinGQ20 [602], QinDCS20 [718], WallaceY20 [879], MurinR19 [623], PachecoPR19 [679], CappartTSR18 [180], LaborieRSV18 [512], GombolayWS18 [353], AntunesABD18 [29], AgussurjaKL18 [17], GomesM17 [355], TranVNB17 [843], RoshanaeiLAU17 [745], QinDS16 [719], BoothNB16 [155], Fahimi16 [286], RiiseML16 [733], FontaineMH16 [302], KoschB14 [489], HarjunkoskiMBC14 [390], LaborieR14 [513], SuCC13 [802], TerekhovDOB12 [823], Ribeiro12 [732], LozanoCDS12 [563]... (Total: 52)

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	Over-constrained	BeckF00 [97], Beck99 [85]	OrnekOS20 [670], ClercqPBJ11 [213], abs-0907-0939 [697], BeckF00a [96], SimonisCK00 [794], Simonis99 [792], Wallace96 [877], MintonJPL92 [611]	SquillaciPR23 [800], BoudreaultSLQ22 [160], Teppan22 [822], Lemos21 [524], Caballero19 [174], LaborieRSV18 [512], EmeretlisTAV17 [275], HookerH17 [436], Dejemeppe16 [238], FrankDT16 [307], LimBTBB15a [536], MurphyMB15 [625], GaySS14 [325], HoundjiSWD14 [439], LombardiMB13 [557], Clercq12 [235], SerraNM12 [780], BeniniLMR11 [123], ChenGPSH10 [203], Lombardi10 [548], LopesCSM10 [559], Laborie09 [510], MilanoW09 [609], BeniniLMMR08 [121], MouraSCL08 [621], MouraSCL08a [620], KusterJF07 [506], MilanoW06 [608], PolicellaWSO05 [704]... (Total: 41)
Concepts	Pareto	FarsiTM22 [293], Zahout21 [912], Lemos21 [524], ZarandiASC20 [915], Dejemeppe16 [238], KovacsK11 [495]	Edis21 [263], YounespourAKE19 [904], DejemeppeD14 [240], HeckmanB11 [401]	GokPTGO23 [348], CzerniachowskaWZ23 [222], FrimodigECM23 [311], LacknerMMWW23 [515], JuvinHL23a [459], WinterMMW22 [891], MengGRZSC22 [597], JuvinHL22 [457], OrnekOS20 [670], KletzanderMH21 [482], AntuoriHHEN20 [31], Lunardi20 [568], EscobetPQPRA19 [279], TanZWGQ19 [814], GurEA19 [937], CappartTSR18 [180], GomesM17 [355], QinDS16 [719], Froger16 [313], BridiBLMB16 [166], HarjunkoskiMBC14 [390], KendallKRU10 [471], RuggieroBBMA09 [749], HladikCDJ08 [419], Johnston05 [212], Baptiste02 [62], VanczaM01 [862], FocacciLN00 [300]
Concepts	Unsatisfiable	WessenCSFPM23 [889], Godet21a [344], KoehlerBFFHPSSS21 [483], Caballero19 [174], Siala15a [786], Schutt11 [767], HookerO03 [434]	OuelletQ22 [673], Lemos21 [524], Valdes87 [855]	BoudreaultSLQ22 [160], HebrardALLCMR22 [396], GeibingerMM21 [331], VlkHT21 [875], CauwelaertDS20 [197], abs-1901-07914 [106], FahimiOQ18 [287], GoldwaserS18 [351], Dejemeppe16 [238], Fahimi16 [286], GrimesH15 [360], BertholdHLMS10 [126], GrimesH10 [358], OhrimenkoSC09 [667], FalaschiGMP97 [289], SimonisC95 [795], Nuijten94 [657]
Concepts	batch process	LacknerMMWW23 [515], AwadMDMT22 [54], LacknerMMWW21 [514], QinWSLS21 [717], ZarandiASC20 [915], HamC16 [384], NovaraNH16 [651], KoschB14 [489], HarjunkoskiMBC14 [390], MalapertGR12 [581], Malapert11 [578]	TangB20 [815], HamFC17 [380], NovasH10 [653], ZeballosCM10 [917], RenT09 [729], RoePS05 [742], Vilim02 [864], PintoG97 [700], SimonisC95 [795]	PrataAN23 [711], YuraszeckMCCR23 [911], IsikYA23 [445], Adelgren2023 [11], MullerMKP22 [622], SvancaraB22 [809], EmdeZD22 [274], LiFJZLL22 [531], ColT22 [224], AbreuN22 [233], YunusogluY22 [908], LuoB22 [570], GeitzGSSW22 [332], OujanaAYB22 [674], ZhangYW21 [925], FanXG21 [292], KlankeBYE21 [479], MengZRZL20 [599], CauwelaertDS20 [197], Ham20a [378], Lunardi20 [568], TanZWGQ19 [814], EscobetPQPRA19 [279], FahimiOQ18 [287], Ham18 [383], LaborieRSV18 [512], Ham18a [377], CauwelaertDMS16 [194], Dejemeppe16 [238]... (Total: 42)
Concepts	bi-objective	ZarandiASC20 [915]	IsikYA23 [445], AbreuPNF23 [5], YunusogluY22 [908], HillTV21 [418], Lemos21 [524], NattafM20 [645], Dejemeppe16 [238], DejemeppeD14 [240]	LuZZYW24 [564], PrataAN23 [711], AfsarVPG23 [12], Mehdizadeh-Somarin23 [592], GokPTGO23 [348], NaderiBZR23 [632], GurPAE23 [374], NaderiRR23 [637], abs-2305-19888 [408], MullerMKP22 [622], HeinzNVH22 [407], WinterMMW22 [891], PopovicCGNC22 [706], MengGRZSC22 [597], AbreuN22 [233], FarsiTM22 [293], EmdeZD22 [274], Groleaz21 [363], Zahout21 [912], KletzanderMH21 [482], VlkHT21 [875], HamPK21 [382], HauderBRPA20 [394], KletzanderM20 [481], WallaceY20 [879], GokGSTO20 [347], MejiaY20 [593], Lunardi20 [568], LunardiBLRV20 [567]... (Total: 39)
Concepts	bill of material		OrnekO16 [669]	Simonis07 [793]
Concepts	blocking constraint	AbreuNP23 [234], RiahiNS018 [731]		WessenCSFPM23 [889], IsikYA23 [445], LiFJZLL22 [531], MengZRZL20 [599], RodriguezS09 [741], Rodriguez07b [739], Rodriguez07 [738]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	breakdown	Groleaz21 [363], FanXG21 [292], ZarandiASC20 [915], LaborieRSV18 [512], ZhangW18 [926], Froger16 [313], BartakV15 [80], NovasH10 [653], BidotVLB09 [130]	NaderiBZR23 [632], Lunardi20 [568], GombolayWS18 [353], RoshanaeiLAU17 [745], BajestaniB15 [59], ThiruvadyWGS14 [828], HarjunkoskiMBC14 [390], BajestaniB13 [58], BajestaniB11 [57], Elkhyari03 [271], MartinPY01 [589], BeckDDF98 [89]	Fatemi-AnarakiTFV23 [294], JuvinHL23 [458], PenzDN23 [689], IsikYA23 [445], MullerMKP22 [622], ColT22 [224], SubulanC22 [803], AwadMDMT22 [54], Tassel22 [818], YunusogluY22 [908], AbreuAPNM21 [232], KovacsTKSG21 [498], Astrand21 [50], AstrandJZ20 [53], HauderBRPA20 [394], PachecoPR19 [679], MalapertN19 [582], abs-1902-09244 [393], GedikKEK18 [326], CappartS17 [179], ZarandiKS16 [914], CireCH16 [210], OzturkTHO15 [678], LaborieR14 [513], LipovetzkyBPS14 [540], BegB13 [104], OzturkTHO13 [677], NovasH12 [654], BeckFW11 [93]... (Total: 47)
Concepts	buffer-capacity		SureshMOK06 [808]	OujanaAYB22 [674], LiFJZLL22 [531], RiahiNS018 [731], BonfiettiLBM14 [149], NovasH14 [655], TerekhovTDB14 [824], ElhouraniDM07 [270], ZeballosH05 [918]
Concepts	cmax	Fatemi-AnarakiTFV23 [294], KameugneFND23 [464], ZhuSZW23 [933], JuvinHHL23 [456], YuraszeckMC23 [909], YuraszeckMCCR23 [911], NaderiRR23 [637], AbreuNP23 [234], abs-2305-19888 [408], IsikYA23 [445], EtminaniesfahaniGNMS22 [282], AbreuN22 [233], YunusogluY22 [908], JuvinHL22 [457], ZhangBB22 [924], FetgoD22 [298], abs-2211-14492 [806], ArmstrongGOS21 [38], Godet21a [344], Groleaz21 [363], QinWSLS21 [717], AbohashimaEG21 [4], Polo-MejiaALB20 [705], MejiaY20 [593], Lunardi20 [568], QinDCS20 [718], MengZRZL20 [599], GodetLHS20 [345], YounespourAKE19 [904]... (Total: 71)	Mehdizadeh-Somarin23 [592], MullerMKP22 [622], ArmstrongGOS22 [39], BoudreaultSLQ22 [160], AbreuAPNM21 [232], HamPK21 [382], ArkhipovBL19 [37], Novas19 [652], ParkUJR19 [686], ArbaouiY18 [35], ZhouGL15 [931], GrimesH15 [360], WangMD15 [883], MeskensDL13 [604], MenciaSV13 [596], ZhangLS12 [927], TopalogluSS12 [834], MenciaSV12 [595], BeckFW11 [93], MeskensDHG11 [603], BartakSR10 [79], TanSD10 [813], OzturkTHO10 [676], MoffittPP05 [612], Laborie05 [509], Muscettola02 [628], SourdN00 [799], ArtiguesR00 [48]	JuvinHL23 [458], Teppan22 [822], AwadMDMT22 [54], MengLZB21 [598], HanenKP21 [387], HubnerGSV21 [440], ZhangYW21 [925], HamP21 [381], ZarandiASC20 [915], CarlierPSJ20 [187], SenderovichBB19 [779], GokgurHO18 [349], LiuCGM17 [546], BofillCSV17 [143], OrnekO16 [669], SialaAH15 [787], SchnellH15 [764], KoschB14 [489], LombardiMB13 [557], MalapertCGJLR13 [580], SchuttFSW13 [774], Letort13 [525], TerekhovDOB12 [823], GuSW12 [370], Schutt11 [767], abs-1009-0347 [772], BartakSR08 [83], LiessM08 [532], WatsonB08 [886]... (Total: 39)
Concepts	completion-time	BonninMNE24 [154], PrataAN23 [711], LuZZYW24 [564], AbreuNP23 [234], Mehdizadeh-Somarin23 [592], ZhuSZW23 [933], Fatemi-AnarakiTFV23 [294], AlfieriGPS23 [25], AbreuPNF23 [5], KameugneFND23 [464], JuvinHL23 [458], NaderiRR23 [637], PenzDN23 [689], NaderiBZ23 [634], JuvinHL22 [457], AbreuN22 [233], YunusogluY22 [908], SubulanC22 [803], AwadMDMT22 [54], EmdeZD22 [274], OuelletQ22 [673], FetgoD22 [298], YuraszeckMPV22 [910], NaderiBZ22 [633], KlankeBYE21 [479], Astrand21 [50], Bedhief21 [103], Groleaz21 [363], HamP21 [381]... (Total: 105)	GokPTGO23 [348], IklassovMR023 [444], NaderiBZR23 [632], AfsarVPG23 [12], CzerniachowskaWZ23 [222], abs-2305-19888 [408], ColT22 [224], NaderiBZ22a [631], TouatBT22 [836], HeinzNVH22 [407], LiFJZLL22 [531], ZhangBB22 [924], abs-2211-14492 [806], MullerMKP22 [622], Teppan22 [822], OujanaAYB22 [674], FanXG21 [292], QinWSLS21 [717], HanenKP21 [387], RoshanaeiN21 [746], GeibingerMM21 [331], AbreuAPNM21 [232], NattafM20 [645], Polo-MejiaALB20 [705], Mercier-AubinGQ20 [602], Ham20a [378], TanZWGQ19 [814], ParkUJR19 [686], SunTB19 [805]... (Total: 75)	abs-2402-00459 [647], TasselGS23 [819], MontemanniD23a [616], IsikYA23 [445], abs-2306-05747 [820], AkramNHRSA23 [19], WessenCSFPM23 [889], JuvinHHL23 [456], Adelgren2023 [11], PerezGSL23 [690], PopovicCGNC22 [706], CampeauG22 [178], PohlAK22 [703], WinterMMW22 [891], FarsiTM22 [293], GhandehariK22 [338], CilKLO22 [208], GeitzGSSW22 [332], ZhangJZL22 [923], ArmstrongGOS22 [39], HubnerGSV21 [440], Zahout21 [912], VlkHT21 [875], HamPK21 [382], MengLZB21 [598], Godet21a [344], Alaka21 [21], PandeyS21a [681], WessenCS20 [888]... (Total: 144)
Concepts	continuous-process	HarjunkoskiMBC14 [390]		FarsiTM22 [293], Dejemeppe16 [238], GaySS14 [325], RoePS05 [742], MaraveliasCG04 [585], Bartak02 [75], TrentesauxPT01 [846], SimonisC95 [795]
Concepts	cyclic scheduling	WessenCSFPM23 [889], OzturkTHO15 [678], 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 [736]	AlakaP23 [22], GhandehariK22 [338], YuraszeckMPV22 [910], Alaka21 [21], WallaceY20 [879], MengZRZL20 [599], AlakaPY19 [23], MusliuSS18 [630], FrankDT16 [307], OzturkTHO13 [677], MeskensDL13 [604], OzturkTHO12 [675], Menana11 [594], Malik08 [583], Wallace06 [878], Mason01 [591]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	distributed	PrataAN23 [711], GuoZ23 [373], NaderiRR23 [637], MengGRZSC22 [597], Zahout21 [912], ZarandiASC20 [915], MengZRZL20 [599], He0GLW18 [395], GombolayWS18 [353], TranPZLDB18 [841], RoshanaeiLAU17 [745], BridiBLMB16 [166], BridiLBBM16 [167], ZhouGL15 [931], AlesioBNG15 [24], TerekhovTDB14 [824], BonfiettiLM14 [151], BartakS11 [78], LombardiMRB10 [558], BartakSR10 [79], WuBB09 [900], RuggieroBBMA09 [749], HladikCDJ08 [419], HoeveGSL07 [861], BeckW07 [102], SultanikMR07 [804], ElhouraniDM07 [270], RossiTHP07 [747], SureshMOK06 [808]... (Total: 38)	AbreuPNF23 [5], GokPTGO23 [348], AbreuNP23 [234], ShaikhK23 [781], MarliereSPR23 [587], IsikYA23 [445], NaderiBZ22a [631], AbreuN22 [233], OujanaAYB22 [674], YuraszeckMPV22 [910], JungblutK22 [453], OrnekOS20 [670], ElciOH22 [268], RoshanaeiN21 [746], HamP21 [381], Godet21a [344], AbreuAPNM21 [232], MokhtarzadehTNF20 [613], GokGSTO20 [347], RoshanaeiBAUB20 [743], ZouZ20 [936], Caballero19 [174], NishikawaSTT19 [650], BorghesiBLMB18 [157], ZhangW18 [926], GomesM17 [355], EmeretlisTAV17 [275], BlomPS16 [136], ZarandiKS16 [914]... (Total: 55)	LiLZDZW24 [530], LuZZYW24 [564], ForbesHJST24 [303], NaderiBZR23 [632], Adelgren2023 [11], abs-2305-19888 [408], SquillaciPR23 [800], Fatemi-AnarakiTFV23 [294], YuraszeckMC23 [909], KimCMLLP23 [476], JuvinHL23a [459], NaderiBZ23 [634], Bit-Monnot23 [132], MontemanniD23 [617], ZhuSZW23 [933], AlfieriGPS23 [25], FrimodigECM23 [311], WessenCSFPM23 [889], IklassovMR023 [444], GurPAE23 [374], AkramNHRSA23 [19], abs-2211-14492 [806], EmdeZD22 [274], BoudreaultSLQ22 [160], NaqviAIAAA22 [638], BulckG22 [857], HeinzNVH22 [407], JuvinHL22 [457], NaderiBZ22 [633]... (Total: 174)
Concepts	due-date	NaderiBZ23 [634], AfsarVPG23 [12], AwadMDMT22 [54], OujanaAYB22 [674], ColT22 [224], NaderiBZ22 [633], RoshanaeiN21 [746], Groleaz21 [363], AntuoriHHEN21 [32], FanXG21 [292], ZarandiASC20 [915], TangB20 [815], 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 [826], GoldwaserS17 [350], Fahimi16 [286], NovaraNH16 [651], Dejemeppe16 [238], BajestaniB15 [59], DoulabiRP14 [259]... (Total: 75)	PrataAN23 [711], IsikYA23 [445], LacknerMMWW23 [515], NaderiRR23 [637], abs-2211-14492 [806], YunusogluY22 [908], WinterMMW22 [891], Godet21a [344], LacknerMMWW21 [514], GeibingerMM21 [331], GroleazNS20a [364], GeibingerMM19 [330], AntunesABD18 [29], FahimiOQ18 [287], CatusseCBL16 [193], ZarandiKS16 [914], RiiseML16 [733], GrimesH15 [360], GrimesIOS14 [362], PengLC14 [688], HeinzSB13 [406], CobanH11 [215], GrimesH11 [359], LiuW11 [545], Malapert11 [578], MakMS10 [577], SchuttW10 [777], LombardiM10a [552], Lombardi10 [548]... (Total: 55)	abs-2402-00459 [647], AbreuPNF23 [5], KimCMLLP23 [476], YuraszeckMC23 [909], JuvinHHL23 [456], TouatBT22 [836], ElciOH22 [268], SubulanC22 [803], MullerMKP22 [622], YuraszeckMPV22 [910], ZhangJZL22 [923], HanenKP21 [387], Astrand21 [50], VlkHT21 [875], KlankeBYE21 [479], Bedhief21 [103], KovacsTKSG21 [498], HubnerGSV21 [440], Zahout21 [912], MengLZB21 [598], MejiaY20 [593], Polo-MejiaALB20 [705], GroleazNS20 [365], AstrandJZ20 [53], LunardiBLRV20 [567], PachecoPR19 [679], EscobetPQPRA19 [279], TanZWGQ19 [814], Hooker19 [432]... (Total: 110)
Concepts	earliness	PrataAN23 [711], KimCMLLP23 [476], TouatBT22 [836], PohlAK22 [703], Groleaz21 [363], HauderBRPA20 [394], ZarandiASC20 [915], abs-1902-09244 [393], LaborieRSV18 [512], ZarandiKS16 [914], Dejemeppe16 [238], GrimesH15 [360], LaborieR14 [513], LombardiM12 [555], KelbelH11 [470], GrimesH11 [359], ZeballosNH11 [920], Laborie09 [510], MonetteDH09 [615], KeriK07 [473], BeckR03 [99], DannaP03 [226], PintoG97 [700]	FarsiTM22 [293], AntunesABD20 [30], MengZRZL20 [599], TerekhovDOB12 [823], KovacsB11 [493], Davenport10 [229], PerronSF04 [693], Baptiste02 [62]	abs-2402-00459 [647], NaderiRR23 [637], PenzDN23 [689], AlfieriGPS23 [25], IsikYA23 [445], AbreuNP23 [234], LacknerMMWW23 [515], AbreuPNF23 [5], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], YunusogluY22 [908], GhandehariK22 [338], MengLZB21 [598], LacknerMMWW21 [514], FanXG21 [292], Mercier-AubinGQ20 [602], Polo-MejiaALB20 [705], ColT19 [218], ColT2019a [223], AntunesABD18 [29], German18 [335], GokgurHO18 [349], ZhangW18 [926], KuB16 [502], OrnekO16 [669], NovaraNH16 [651], Siala15a [786], VilimLS15 [873], LimBTBB15 [537]... (Total: 55)
Concepts	energy efficiency	PrataAN23 [711], PandeyS21a [681], LimBTBB15a [536], RuggieroBBMA09 [749]	MarliereSPR23 [587], Zahout21 [912], BenediktMH20 [116], BridiBLMB16 [166], Lombardi10 [548]	LuZZYW24 [564], IsikYA23 [445], AbreuNP23 [234], abs-2211-14492 [806], Lemos21 [524], MengZRZL20 [599], ZarandiASC20 [915], TranPZLDB18 [841], NattafAL17 [641], Dejemeppe16 [238], LombardiMB13 [557], LombardiM12 [555], BeniniLMR11 [123]
Concepts	explainable			LaborieRSV18 [512], Schutt11 [767], abs-1009-0347 [772], EskeyZ90 [280]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	explanation	Bit-Monnot23 [132], Godet21a [344], YangSS19 [901], KreterSSZ18 [501], SchnellH17 [765], HookerH17 [436], KreterSS17 [500], SchuttS16 [776], Siala15a [786], SchnellH15 [764], SialaAH15 [787], KreterSS15 [499], SchuttFSW13 [774], SchuttFS13a [769], SchuttFS13 [770], HeinzB12 [402], SchuttCSW12 [768], SchuttFSW11 [773], HeinzS11 [405], Schutt11 [767], abs-1009-0347 [772], Lombardi10 [548], SchuttFSW09 [771], HladikCDJ08 [419], CambazardJ05 [177], Hooker05 [424], Vilim05 [867], 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 [738], BeckW05 [101], BosiM2001 [158], BeckF00a [96], BeckF99 [95], ChunCTY99 [206], Simonis99 [792], MorgadoM97 [618], BeckDF97 [90], MintonJPL92 [611], MintonJPL90 [610]	BonninMNE24 [154], MontemanniD23a [616], EfthymiouY23 [267], KameugneFND23 [464], IsikYA23 [445], abs-2305-19888 [408], MarliereSPR23 [587], CilKLO22 [208], FetgoD22 [298], CampeauG22 [178], OrnekOS20 [670], BoudreaultSLQ22 [160], ColT22 [224], HeinzNVH22 [407], ArmstrongGOS22 [39], BenderWS21 [114], VlkHT21 [875], Groleaz21 [363], Lemos21 [524], AbohashimaEG21 [4], RoshanaeiN21 [746], abs-2102-08778 [217], ZouZ20 [936], WallaceY20 [879], GroleazNS20 [365], ZarandiASC20 [915], HauderBRPA20 [394], QinDCS20 [718], Lunardi20 [568]... (Total: 127)
Concepts	flow-shop	BonninMNE24 [154], PrataAN23 [711], LiLZDZW24 [530], NaderiRR23 [637], IsikYA23 [445], AbreuPNF23 [5], CzerniachowskaWZ23 [222], AlfieriGPS23 [25], AbreuNP23 [234], JuvinHL23 [458], LiFJZLL22 [531], ArmstrongGOS22 [39], AbreuN22 [233], OujanaAYB22 [674], ColT22 [224], ZhangJZL22 [923], MengLZB21 [598], Astrand21 [50], Bedhief21 [103], Groleaz21 [363], QinWSLS21 [717], ArmstrongGOS21 [38], AbreuAPNM21 [232], MengZRZL20 [599], AstrandJZ20 [53], ZarandiASC20 [915], Lunardi20 [568], Novas19 [652], ParkUJR19 [686]... (Total: 42)	Mehdizadeh-Somarin23 [592], JuvinHL23a [459], NaderiBZ23 [634], YuraszeckMPV22 [910], NaderiBZ22 [633], MengGRZSC22 [597], JuvinHL22 [457], KoehlerBFFHPSSS21 [483], FanXG21 [292], Godet21a [344], TangB20 [815], HauderBRPA20 [394], abs-1902-09244 [393], TanZWGQ19 [814], GombolayWS18 [353], LaborieRSV18 [512], Fahimi16 [286], Dejemeppe16 [238], GuyonLPR12 [375], GrimesH11 [359], KovacsB11 [493], ZeballosCM10 [917], BartakSR10 [79], BartakSR08 [83], RoePS05 [742], JainM99 [447], BaptistePN99 [66], AggounB93 [13]	LuZZYW24 [564], TasselGS23 [819], abs-2305-19888 [408], YuraszeckMCCR23 [911], JuvinHHL23 [456], AfsarVPG23 [12], WessenCSFPM23 [889], AalianPG23 [1], abs-2306-05747 [820], abs-2211-14492 [806], TouatBT22 [836], Teppan22 [822], NaderiBZ22a [631], HeinzNVH22 [407], AwadMDMT22 [54], LacknerMMWW21 [514], abs-2102-08778 [217], Zahout21 [912], KovacsTKSG21 [498], PandeyS21a [681], HamPK21 [382], HillTV21 [418], WallaceY20 [879], SacramentoSP20 [752], LunardiBLRV20 [567], KonowalenkoMM19 [486], WikarekS19 [890], TanT18 [812], RiahiNS018 [731]... (Total: 73)
Concepts	flow-time	BonninMNE24 [154], PenzDN23 [689], EmdeZD22 [274], YuraszeckMPV22 [910], FanXG21 [292], NattafM20 [645], ZarandiASC20 [915], MalapertN19 [582], ZhangW18 [926], TerekhovTDB14 [824], TranTDB13 [842], WuBB09 [900], Baptiste02 [62]	PrataAN23 [711], AlfieriGPS23 [25], YunusogluY22 [908], Malapert11 [578], BeckW07 [102]	YuraszeckMCCR23 [911], TasselGS23 [819], abs-2306-05747 [820], IklassovMR023 [444], YuraszeckMC23 [909], LiFJZLL22 [531], AbreuN22 [233], KoehlerBFFHPSSS21 [483], MengZRZL20 [599], Novas19 [652], ParkUJR19 [686], BajestaniB15 [59], MenciaSV13 [596], MenciaSV12 [595], KovacsB11 [493], EdisO11 [264], Salido10 [758], QuirogaZH05 [721], BeckPS03 [98], BeckR03 [99], BeckDDF98 [89], FoxS90 [306]
Concepts	inventory	LuZZYW24 [564], GuoZ23 [373], SubulanC22 [803], Astrand21 [50], German18 [335], GilesH16 [340], GoelSHFS15 [346], HarjunkoskiMBC14 [390], SerraNM12 [780], TerekhovDOB12 [823], LopesCSM10 [559], Jans09 [449], RossiTHP07 [747], RoePS05 [742], Timpe02 [831], Beck99 [85], BeckDDF98 [89], BeckDSF97 [91], MurphyRFSS97 [624], BeckDF97 [90]	Adelgren2023 [11], EmdeZD22 [274], ZarandiASC20 [915], 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 [792], BlazewiczDP96 [173], Simonis95a [790], Hamscher91 [386]	PrataAN23 [711], PerezGSL23 [690], abs-2312-13682 [691], AlfieriGPS23 [25], ZhuSZW23 [933], GokPTGO23 [348], GurPAE23 [374], AwadMDMT22 [54], PohlAK22 [703], YunusogluY22 [908], AbreuN22 [233], Groleaz21 [363], KovacsTKSG21 [498], HubnerGSV21 [440], RoshanaeiN21 [746], GroleazNS20 [365], FachiniA20 [285], HauderBRPA20 [394], GroleazNS20a [364], YounespourAKE19 [904], HoundjiSW19 [438], PinarbasiAY19 [699], abs-1902-09244 [393], WikarekS19 [890], KonowalenkoMM19 [486], Ham18 [383], LaborieRSV18 [512], ShinBBHO18 [784], GomesM17 [355]... (Total: 68)

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	job-shop	abs-2402-00459 [647], PrataAN23 [711], TasselGS23 [819], AbreuNP23 [234], Mehdizadeh-Somarin23 [592], Fatemi-AnarakiTFV23 [294], ZhuSZW23 [933], KimCMLLP23 [476], CzerniachowskaWZ23 [222], YuraszeckMCCR23 [911], abs-2306-05747 [820], 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 [822], OujanaAYB22 [674], LiFJZLL22 [531], MullerMKP22 [622], ZhangBB22 [924]... (Total: 167)	AbreuPNF23 [5], PenzDN23 [689], IsikYA23 [445], NaderiBZ23 [634], EfthymiouY23 [267], AlfieriGPS23 [25], YunusogluY22 [908], LuoB22 [570], NaderiBZ22 [633], EtminaniesfahaniGNMS22 [282], TouatBT22 [836], AbreuN22 [233], QinWSLS21 [717], ArmstrongGOS21 [38], RoshanaeiN21 [746], KoehlerBFFHPSSS21 [483], Godet21a [344], Astrand0F21 [51], GroleazNS20 [365], MejiaY20 [593], SacramentoSP20 [752], ArkhipovBL19 [37], WikarekS19 [890], EscobetPQPRA19 [279], GokgurHO18 [349], German18 [335], HamFC17 [380], CappartS17 [179], MossigeGSMC17 [619]... (Total: 72)	ForbesHJST24 [303], LuZZYW24 [564], BonninMNE24 [154], PovedaAA23 [708], MarliereSPR23 [587], GuoZ23 [373], LacknerMMWW23 [515], JuvinHL23 [458], Adelgren2023 [11], WessenCSFPM23 [889], ShaikhK23 [781], GokPTGO23 [348], YuraszeckMC23 [909], Tassel22 [818], GhandehariK22 [338], EmdeZD22 [274], AntuoriHHEN21 [32], Zahout21 [912], HanenKP21 [387], Lemos21 [524], KlankeBYE21 [479], WallaceY20 [879], HauderBRPA20 [394], AntuoriHHEN20 [31], GokGSTO20 [347], Ham20a [378], CarlierPSJ20 [187], RoshanaeiBAUB20 [743], BenediktMH20 [116]... (Total: 139)
Concepts	lateness	AwadMDMT22 [54], Groleaz21 [363], FahimiOQ18 [287], Dejemeppe16 [238], Fahimi16 [286], KoschB14 [489], ZampelliVSDR13 [913], MalapertGR12 [581], Malapert11 [578], BartakSR10 [79], Geske05 [336], Baptiste02 [62], ArtiguesR00 [48], BlazewiczDP96 [173]	PrataAN23 [711], PohlAK22 [703], ZarandiASC20 [915], AntunesABD20 [30], ZhangW18 [926], HarjunkoskiMBC14 [390], MilanoW09 [609], AkkerDH07 [858], MilanoW06 [608], RoePS05 [742], Sadykov04 [754], FoxS90 [306]	LacknerMMWW23 [515], NaderiBZ23 [634], YunusogluY22 [908], GhandehariK22 [338], ZhangBB22 [924], NaderiBZ22 [633], GeitzGSSW22 [332], ColT22 [224], LacknerMMWW21 [514], Godet21a [344], HanenKP21 [387], KoehlerBFFHPSSS21 [483], QinWSLS21 [717], Lunardi20 [568], Novas19 [652], ParkUJR19 [686], ArkhipovBL19 [37], AntunesABD18 [29], Tesch18 [826], BartakV15 [80], GrimesH15 [360], MenciaSV13 [596], MenciaSV12 [595], TerekhovDOB12 [823], EdisO11 [264], ZeballosNH11 [920], ChenGPSH10 [203], NovasH10 [653], WuBB09 [900]... (Total: 34)
Concepts	make to order			OujanaAYB22 [674], Simonis07 [793], DavenportKRSH07 [230], HookerO99 [433]
Concepts	make to stock			HarjunkoskiMBC14 [390]
Concepts	make-span	PrataAN23 [711], LiLZDZW24 [530], Mehdizadeh-Somarin23 [592], IklassovMR023 [444], EfthymiouY23 [267], PovedaAA23 [708], JuvinHL23a [459], abs-2306-05747 [820], CzerniachowskaWZ23 [222], JuvinHHL23 [456], AlfieriGPS23 [25], abs-2305-19888 [408], Bit-Monnot23 [132], AbreuNP23 [234], AfsarVPG23 [12], AalianPG23 [1], AbreuPNF23 [5], YuraszeckMC23 [909], ZhuSZW23 [933], IsikYA23 [445], JuvinHL23 [458], NaderiRR23 [637], TasselGS23 [819], LacknerMMWW23 [515], WessenCSFPM23 [889], AbreuN22 [233], ZhangBB22 [924], HeinzNVH22 [407], NaderiBZ22a [631]... (Total: 241)	BonninMNE24 [154], KameugneFND23 [464], YuraszeckMCCR23 [911], abs-2312-13682 [691], PerezGSL23 [690], PenzDN23 [689], Adelgren2023 [11], MullerMKP22 [622], SvancaraB22 [809], abs-2211-14492 [806], YuraszeckMPV22 [910], ZhangJZL22 [923], OujanaAYB22 [674], LiFJZLL22 [531], PandeyS21a [681], FanXG21 [292], QinDCS20 [718], NattafDYW19 [643], AstrandJZ18 [52], Ham18a [377], KreterSS17 [500], YoungFS17 [905], RoshanaeiLAU17 [745], 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 [817], Fatemi-AnarakiTFV23 [294], JungblutK22 [453], PopovicCGNC22 [706], FetgoD22 [298], NaderiBZ22 [633], Teppan22 [822], CampeauG22 [178], EmdeZD22 [274], KoehlerBFFHPSSS21 [483], HanenKP21 [387], HamP21 [381], HubnerGSV21 [440], CarlierPSJ20 [187], SacramentoSP20 [752], Mercier-AubinGQ20 [602], TangB20 [815], NattafM20 [645], Ham20a [378], CauwelaertDS20 [197], NishikawaSTT19 [650], MurinR19 [623], abs-1911-04766 [329]... (Total: 126)

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	manpower	NovaraNH16 [651], PintoG97 [700]	LaborieRSV18 [512], Froger16 [313], ZeballosNH11 [920]	BourreauGGLT22 [162], BadicaBI20 [55], MokhtarzadehTNF20 [613], HauderBRPA20 [394], WikarekS19 [890], BaptisteB18 [64], MusliuSS18 [630], ErkingerM17 [277], SchuttS16 [776], HechingH16 [400], GayHS15a [324], GaySS14 [325], HarjunkoskiMBC14 [390], Clercq12 [235], GuyonLPR12 [375], LombardiM12 [555], Menana11 [594], Vilim11 [870], SimonisH11 [796], MeskensDHG11 [603], ChenGPSH10 [203], NovasH10 [653], MaraveliasCG04 [585], Simonis99 [792], NuijtenP98 [660], MorgadoM97 [618], LeeKLKKYHP97 [523], SimonisC95 [795], Simonis95a [790], Puget95 [714]
Concepts	multi-agent	SvancaraB22 [809], Zahout21 [912], ZarandiASC20 [915], BehrensLM19 [105], GombolayWS18 [353], He0GLW18 [395], HoeveGSL07 [861], SultanikMR07 [804], TrentesauxPT01 [846]	Lemos21 [524], MokhtarzadehTNF20 [613], abs-1901-07914 [106], TranVNB17 [843], LimHTB16 [535], BartakSR10 [79], BocewiczBB09 [137], Hunsberger08 [441]	abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], ZhuSZW23 [933], WessenCSFPM23 [889], IklassovMR023 [444], Mehdizadeh-Somarin23 [592], SquillaciPR23 [800], GokPTGO23 [348], AbreuAPNM21 [232], MengLZB21 [598], ZhangYW21 [925], GokGSTO20 [347], MejiaY20 [593], Ham20a [378], WessenCS20 [888], BadicaBIL19 [56], WikarekS19 [890], TanZWGQ19 [814], ZhangW18 [926], HookerH17 [436], LimBTBB15 [537], LimBTBB15a [536], KoschB14 [489], BartakS11 [78], KendallKRU10 [471], Salido10 [758], Jans09 [449], ElhouraniDM07 [270], GomesHS06 [354]... (Total: 38)
Concepts	multi-objective	LuZZYW24 [564], IsikYA23 [445], AfsarVPG23 [12], FarsiTM22 [293], MengGRZSC22 [597], CilKLO22 [208], SubulanC22 [803], YunusogluY22 [908], HamPK21 [382], Lemos21 [524], Edis21 [263], ZarandiASC20 [915], Tom19 [832], TangLWSK18 [816], Dejemeppe16 [238], Froger16 [313], MeskensDL13 [604], TopaloglnO11 [833], ZeballosQH10 [921]	PrataAN23 [711], AbreuPNF23 [5], GurPAE23 [374], CzerniachowskaWZ23 [222], AlakaP23 [22], FrimodigECM23 [311], LacknerMMWW23 [515], NaderiBZ22a [631], AbreuN22 [233], ZhangJZL22 [923], LiFJZLL22 [531], OrnekOS20 [670], AbreuAPNM21 [232], FanXG21 [292], Alaka21 [21], QinWSLS21 [717], AbohashimaEG21 [4], Zahout21 [912], MengLZB21 [598], ZhangYW21 [925], ZouZ20 [936], AbidinK20 [3], Lunardi20 [568], MejiaY20 [593], MengZRZL20 [599], KletzanderM20 [481], EscobetPQPRA19 [279], YounespourAKE19 [904], PourDERB18 [707]... (Total: 35)	abs-2402-00459 [647], GokPTGO23 [348], SquillaciPR23 [800], YuraszeckMCCR23 [911], MarliereSPR23 [587], AlfieriGPS23 [25], GuoZ23 [373], MullerMKP22 [622], abs-2211-14492 [806], NaqviAIAAA22 [638], TouatBT22 [836], ColT22 [224], OujanaAYB22 [674], BoudreaultSLQ22 [160], GhandehariK22 [338], KletzanderMH21 [482], ArmstrongGOS21 [38], Astrand21 [50], KoehlerBFFHPSSS21 [483], GroleazNS20a [364], SacramentoSP20 [752], Polo-MejiaALB20 [705], HauderBRPA20 [394], KucukY19 [507], Novas19 [652], TanZWGQ19 [814], GurEA19 [937], abs-1911-04766 [329], FrohnerTR19 [314]... (Total: 75)
Concepts	net present value	ThiruvadyWGS14 [828], GuSS13 [368], GuSW12 [370], SchuttCSW12 [768]	CampeauG22 [178], HillTV21 [418], KelarevaTK13 [469]	abs-2402-00459 [647], EtminaniesfahaniGNMS22 [282], Astrand21 [50], AstrandJZ20 [53], ZarandiASC20 [915], LaborieRSV18 [512], MossigeGSMC17 [619], HookerH17 [436], SchnellH17 [765], SzerediS16 [810], SchuttS16 [776], SchnellH15 [764], BlomBPS14 [135], LaborieR14 [513], SchuttFS13 [770], Lombardi10 [548]
Concepts	no preempt			ColT22 [224], TouatBT22 [836], FanXG21 [292], Bedhief21 [103], Lunardi20 [568], MengZRZL20 [599], ParkUJR19 [686], NattafALR16 [642], TerekhovTDB14 [824], OddiRCS11 [665], LombardiMRB10 [558], LiW08 [529], BeckW07 [102], MonetteDD07 [614], Baptiste02 [62], ArtiguesR00 [48], BruckerK00 [169]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	no-wait	PrataAN23 [711], Fatemi-AnarakiTFV23 [294], IsikYA23 [445], NaderiRR23 [637], AbreuNP23 [234], AlfieriGPS23 [25], HubnerGSV21 [440], VlkHT21 [875], ZarandiASC20 [915], Novas19 [652], GrimesH15 [360], GrimesH11 [359], GrimesH10 [358], AkkerDH07 [858]	MengGRZSC22 [597], AbreuN22 [233], AbreuAPNM21 [232], MengZRZL20 [599], MejiaY20 [593], MokhtarzadehTNF20 [613], Dejemeppe16 [238], Malapert11 [578]	WessenCSFPM23 [889], AbreuPNF23 [5], MarliereSPR23 [587], NaderiBZ23 [634], YuraszeckMPV22 [910], 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 [731], ZhangW18 [926], ArbaouiY18 [35], WangMD15 [883], NovasH12 [654], ZeballosNH11 [920], HermenierDL11 [415], NovasH10 [653], RodriguezS09 [741], Rodriguez07b [739], LammaMM97 [518], BlazewiczDP96 [173], BrusoniCLMMT96 [170]
Concepts	one-machine scheduling	MilanoW09 [609], MilanoW06 [608], BlazewiczDP96 [173]	ZhangBB22 [924], Schutt11 [767], Baptiste02 [62]	PenzDN23 [689], ColT22 [224], Astrand21 [50], FanXG21 [292], KoehlerBFFHPSSS21 [483], ZarandiASC20 [915], Hooker19 [432], HookerH17 [436], MelgarejoLS15 [16], BeniniLMR11 [123], ArtiguesF07 [44], SadykovW06 [755], ChuX05 [205], BeckW04 [100], Sadykov04 [754], ArtiguesBF04 [42], HookerO03 [434], BosiM2001 [158], JainM99 [447]
Concepts	online scheduling	TerekhovTDB14 [824], GetoorOFC97 [337]	Mehdizadeh-Somarin23 [592], Zahout21 [912], Groleaz21 [363]	PrataAN23 [711], MullerMKP22 [622], RoshanaeiN21 [746], VlkHT21 [875], NishikawaSTT19 [650], TranPZLDB18 [841], HebrardHJMPV16 [397], LimHTB16 [535], LimBTBB15a [536], ZhouGL15 [931], DoomsH08 [255], ElkhyariGJ02a [273], DincbasS91 [251]
Concepts	open-shop	PrataAN23 [711], AbreuPNF23 [5], NaderiRR23 [637], Bit-Monnot23 [132], AbreuNP23 [234], AbreuN22 [233], YuraszeckMPV22 [910], AbreuAPNM21 [232], Groleaz21 [363], ZarandiASC20 [915], MejiaY20 [593], Lunardi20 [568], FahimiOQ18 [287], Fahimi16 [286], Siala15 [785], GrimesH15 [360], Siala15a [786], MalapertCGJLR13 [580], MalapertCGJLR12 [579], Malapert11 [578], GrimesHM09 [361], OhrimenkoSC09 [667], MonetteDD07 [614], Laborie05 [509], Elkhyari03 [271], LorigeonBB02 [561], JussienL02 [455], Baptiste02 [62], FocacciLN00 [300]	ZhuSZW23 [933], Godet21a [344], Astrand21 [50], SacramentoSP20 [752], MengZRZL20 [599], Dejemeppe16 [238], TerekhovDOB12 [823], Schutt11 [767], GrimesH10 [358], Vilim05 [867], Demassey03 [241], Dorndorf2000 [258], JainM99 [447]	BonninMNE24 [154], NaderiBZ23 [634], YuraszeckMCCR23 [911], YuraszeckMC23 [909], KimCMLLP23 [476], ShaikhK23 [781], AfsarVPG23 [12], NaderiBZ22 [633], OujanaAYB22 [674], EtminaniesfahaniGNMS22 [282], EmdeZD22 [274], ColT22 [224], Astrand0F21 [51], abs-2102-08778 [217], AstrandJZ20 [53], ColT2019a [223], ParkUJR19 [686], GombolayWS18 [353], HookerH17 [436], AlesioBNG15 [24], SialaAH15 [787], Derrien15 [244], AlesioNBG14 [247], BonfiettiLM14 [151], BillautHL12 [131], PacinoH11 [680], GrimesH11 [359], SchuttFSW11 [773], ChenGPSH10 [203]... (Total: 43)
Concepts	order scheduling	TerekhovDOB12 [823]	PrataAN23 [711], AbreuPNF23 [5]	QinWSLS21 [717], AbreuAPNM21 [232], DoRZ08 [253]
Concepts	periodic	SquillaciPR23 [800], Groleaz21 [363], Lemos21 [524], BonfiettiZLM16 [153], Fahimi16 [286], AlesioBNG15 [24], AlesioNBG14 [247], BonfiettiLBM14 [149], TerekhovTDB14 [824], BonfiettiLM13 [150], TranTDB13 [842], SimoninAHL12 [788], BonfiettiLBM12 [148], LiuW11 [545], LombardiBMB11 [550], Lombardi10 [548], HladikCDJ08 [419], Johnston05 [212], CambazardHDJT04 [176], SchildW00 [763], KorbaaYG99 [487], PembertonG98 [687]	Mehdizadeh-Somarin23 [592], TouatBT22 [836], VlkHT21 [875], 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 [689], AkramNHRSA23 [19], abs-2306-05747 [820], Adelgren2023 [11], WessenCSFPM23 [889], AbreuPNF23 [5], NaderiBZR23 [632], TasselGS23 [819], FarsiTM22 [293], OrnekOS20 [670], PopovicCGNC22 [706], AbreuAPNM21 [232], Godet21a [344], AntunesABD20 [30], AntuoriHHEN20 [31], AstrandJZ20 [53], Polo-MejiaALB20 [705], ZarandiASC20 [915], Caballero19 [174], TanZWGQ19 [814], NattafDYW19 [643], EscobetPQPRA19 [279], CappartTSR18 [180], AntunesABD18 [29], TranPZLDB18 [841], AstrandJZ18 [52], LaborieRSV18 [512]... (Total: 76)
Concepts	planned maintenance		Malapert11 [578], Davenport10 [229]	TouatBT22 [836], KovacsTKSG21 [498], Astrand21 [50], AntunesABD20 [30], BajestaniB15 [59], AkkerDH07 [858]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	precedence	BonninMNE24 [154], LuZZYW24 [564], abs-2402-00459 [647], WessenCSFPM23 [889], MarliereSPR23 [587], AlfieriGPS23 [25], AlakaP23 [22], NaderiRR23 [637], YuraszeckMCCR23 [911], PovedaAA23 [708], JuvinHHL23 [456], ZhuSZW23 [933], IsikYA23 [445], KotaryFH22 [490], PohlAK22 [703], CampeauG22 [178], YunusogluY22 [908], ZhangBB22 [924], NaderiBZ22a [631], BoudreaultSLQ22 [160], CilKLO22 [208], FetgoD22 [298], MengGRZSC22 [597], EtminaniesfahaniGNMS22 [282], GeibingerMM21 [331], Alaka21 [21], Edis21 [263], HanenKP21 [387], Astrand0F21 [51]... (Total: 223)	TardivoDFMP23 [817], Bit-Monnot23 [132], GokPTGO23 [348], KameugneFND23 [464], JuvinHL23a [459], SubulanC22 [803], OujanaAYB22 [674], ColT22 [224], HamP21 [381], VlkHT21 [875], AntuoriHHEN21 [32], Zahout21 [912], WessenCS20 [888], Ham20a [378], MokhtarzadehTNF20 [613], GokGSTO20 [347], QinDCS20 [718], GeibingerMM19 [330], Novas19 [652], abs-1911-04766 [329], SunTB19 [805], BogaerdtW19 [859], MurinR19 [623], ColT19 [218], BhatnagarKL19 [128], TanT18 [812], Ham18 [383], KameugneFGOQ18 [463], Madi-WambaLOBM17 [574]... (Total: 99)	PrataAN23 [711], BofillCGGPSV23 [141], JuvinHL23 [458], AfsarVPG23 [12], NaderiBZR23 [632], IklassovMR023 [444], TasselGS23 [819], Mehdizadeh-Somarin23 [592], abs-2306-05747 [820], YuraszeckMC23 [909], KimCMLLP23 [476], abs-2305-19888 [408], MullerMKP22 [622], GhandehariK22 [338], JuvinHL22 [457], EmdeZD22 [274], ZhangJZL22 [923], TouatBT22 [836], WinterMMW22 [891], BourreauGGLT22 [162], GeitzGSSW22 [332], abs-2211-14492 [806], HeinzNVH22 [407], AwadMDMT22 [54], KovacsTKSG21 [498], Lemos21 [524], PandeyS21a [681], AbreuAPNM21 [232], AntunesABD20 [30]... (Total: 133)
Concepts	preempt	BonninMNE24 [154], JuvinHL23a [459], JuvinHHL23 [456], PovedaAA23 [708], SubulanC22 [803], AwadMDMT22 [54], JuvinHL22 [457], Groleaz21 [363], HanenKP21 [387], ArtiguesHQT21 [45], Godet21a [344], ZarandiASC20 [915], Polo-MejiaALB20 [705], NattafHKAL19 [644], BaptisteB18 [64], GokgurHO18 [349], FahimiOQ18 [287], ZarandiKS16 [914], Fahimi16 [286], NattafALR16 [642], Dejemeppe16 [238], AlesioBNG15 [24], EvenSH15 [283], EvenSH15a [284], AlesioNBG14 [247], UnsalO13 [852], LombardiMB13 [557], MenciaSV12 [595], LombardiM12 [555]... (Total: 50)	PrataAN23 [711], Adelgren2023 [11], abs-2305-19888 [408], AbreuPNF23 [5], FetgoD22 [298], HeinzNVH22 [407], OuelletQ22 [673], Zahout21 [912], Astrand21 [50], Edis21 [263], CarlierPSJ20 [187], LunardiBLRV20 [567], SacramentoSP20 [752], Mercier-AubinGQ20 [602], Lunardi20 [568], Caballero19 [174], ArkhipovBL19 [37], GombolayWS18 [353], HamFC17 [380], YoungFS17 [905], OrnekO16 [669], SchnellH15 [764], NattafAL15 [640], OzturkTHO15 [678], SimoninAHL15 [789], TerekhovTDB14 [824], ArtiguesL14 [46], MenciaSV13 [596], BajestaniB13 [58]... (Total: 50)	Mehdizadeh-Somarin23 [592], KameugneFND23 [464], abs-2306-05747 [820], PenzDN23 [689], YuraszeckMC23 [909], YuraszeckMCCR23 [911], AbreuNP23 [234], ZhuSZW23 [933], IsikYA23 [445], AfsarVPG23 [12], AalianPG23 [1], NaderiRR23 [637], TasselGS23 [819], TardivoDFMP23 [817], AkramNHRSA23 [19], IklassovMR023 [444], ZhangBB22 [924], MullerMKP22 [622], JungblutK22 [453], Teppan22 [822], EtminaniesfahaniGNMS22 [282], ColT22 [224], YunusogluY22 [908], AbreuN22 [233], NaderiBZ22a [631], TouatBT22 [836], GeitzGSSW22 [332], BoudreaultSLQ22 [160], OujanaAYB22 [674]... (Total: 178)
Concepts	preemptive	BonninMNE24 [154], PovedaAA23 [708], JuvinHL23a [459], JuvinHHL23 [456], JuvinHL22 [457], AwadMDMT22 [54], ArtiguesHQT21 [45], HanenKP21 [387], Godet21a [344], Polo-MejiaALB20 [705], ZarandiASC20 [915], NattafHKAL19 [644], GokgurHO18 [349], BaptisteB18 [64], Dejemeppe16 [238], Fahimi16 [286], EvenSH15 [283], EvenSH15a [284], AlesioNBG14 [247], LombardiMB13 [557], UnsalO13 [852], MenciaSV12 [595], LombardiM12 [555], Schutt11 [767], KovacsB11 [493], BeldiceanuCDP11 [109], Lombardi10 [548], BartakSR10 [79], ClautiauxJCM08 [211]... (Total: 44)	PrataAN23 [711], AbreuPNF23 [5], Adelgren2023 [11], Groleaz21 [363], Edis21 [263], Mercier-AubinGQ20 [602], CarlierPSJ20 [187], SacramentoSP20 [752], ArkhipovBL19 [37], Caballero19 [174], FahimiOQ18 [287], YoungFS17 [905], HamFC17 [380], NattafALR16 [642], ZarandiKS16 [914], OrnekO16 [669], OzturkTHO15 [678], NattafAL15 [640], MenciaSV13 [596], OzturkTHO13 [677], BajestaniB13 [58], ZampelliVSDR13 [913], OzturkTHO12 [675], Malapert11 [578], SchuttFSW11 [773], LombardiMRB10 [558], ChenGPSH10 [203], Wolf09 [897], Laborie09 [510]... (Total: 37)	IklassovMR023 [444], AalianPG23 [1], NaderiRR23 [637], Mehdizadeh-Somarin23 [592], abs-2305-19888 [408], PenzDN23 [689], YuraszeckMC23 [909], AbreuN22 [233], SubulanC22 [803], EtminaniesfahaniGNMS22 [282], NaderiBZ22a [631], ColT22 [224], HeinzNVH22 [407], MullerMKP22 [622], GeitzGSSW22 [332], ZhangYW21 [925], HillTV21 [418], AbreuAPNM21 [232], ArmstrongGOS21 [38], QinWSLS21 [717], HubnerGSV21 [440], Zahout21 [912], KovacsTKSG21 [498], BenderWS21 [114], BenediktMH20 [116], MejiaY20 [593], CauwelaertDS20 [197], GroleazNS20a [364], GroleazNS20 [365]... (Total: 142)
Concepts	producer/consumer	SchuttS16 [776], PoderBS04 [702], Kumar03 [505], Beck99 [85], SimonisC95 [795]	HermenierDL11 [415], BeldiceanuC02 [108], Simonis99 [792], Simonis95a [790]	GeitzGSSW22 [332], KlankeBYE21 [479], CappartTSR18 [180], BlomPS16 [136], LombardiM12a [554], Wolf11 [894], SimonisH11 [796], LombardiMRB10 [558], ChenGPSH10 [203], PoderB08 [701], Simonis07 [793], PolicellaWSO05 [704], Timpe02 [831], SimonisCK00 [794], Simonis95 [791]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	re-scheduling	Fatemi-AnarakiTFV23 [294], MarliereSPR23 [587], Astrand21 [50], Groleaz21 [363], Lemos21 [524], HamPK21 [382], BarzegaranZP20 [84], ZarandiASC20 [915], ZhangW18 [926], CappartS17 [179], Madi-WambaLOBM17 [574], Froger16 [313], BartakV15 [80], GrimesIOS14 [362], HarjunkoskiMBC14 [390], ChunS14 [207], BajestaniB13 [58], TranTDB13 [842], LombardiM12 [555], RendlPHPR12 [730], 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 [912], AstrandJZ20 [53], AntunesABD20 [30], RoshanaeiBAUB20 [743], BhatnagarKL19 [128], GombolayWS18 [353], AgussurjaKL18 [17], HoYCLLCLC18 [420], AntunesABD18 [29], TranPZLDB18 [841], 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 [711], abs-2306-05747 [820], GurPAE23 [374], PerezGSL23 [690], abs-2312-13682 [691], EfthymiouY23 [267], TasselGS23 [819], abs-2305-19888 [408], ShaikhK23 [781], NaderiRR23 [637], GokPTGO23 [348], Adelgren2023 [11], JuvinHL23a [459], ZhuSZW23 [933], BourreauGGLT22 [162], HeinzNVH22 [407], LuoB22 [570], PohlAK22 [703], GhandehariK22 [338], FarsiTM22 [293], JuvinHL22 [457], YuraszeckMPV22 [910], ArmstrongGOS22 [39], YunusogluY22 [908], RoshanaeiN21 [746], KlankeBYE21 [479], ZhangYW21 [925], PandeyS21a [681]... (Total: 123)
Concepts	reactive scheduling	NovasH10 [653], JoLLH99 [451]	Groleaz21 [363], ZarandiASC20 [915], BartakV15 [80], HarjunkoskiMBC14 [390], ChunCTY99 [206], Prosser89 [713]	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 [917], BidotVLB09 [130], MouraSCL08a [620], KusterJF07 [506], BidotVLB07 [129], BeckW07 [102], Elkhyari03 [271], Baptiste02 [62], SakkoutW00 [757], BeckF00 [97], PapaB98 [685], BeckDDF98 [89], NuijtenP98 [660], Wallace96 [877], FoxS90 [306]
Concepts	release-date	BonninMNE24 [154], YunusogluY22 [908], YuraszeckMPV22 [910], WinterMMW22 [891], EmdeZD22 [274], JuvinHL22 [457], Groleaz21 [363], HanenKP21 [387], Bedhief21 [103], CarlierPSJ20 [187], Polo-MejiaALB20 [705], EscobetPQPRA19 [279], Tesch18 [826], KameugneFSN14 [467], ArtiguesLH13 [47], LimtanyakulS12 [539], SerraNM12 [780], TerekhovDOB12 [823], KovacsB11 [493], KameugneFSN11 [466], Lombardi10 [548], BartakSR10 [79], LombardiM10a [552], abs-0907-0939 [697], MercierH08 [600], KovacsB07 [491], Hooker07 [429], MercierH07 [601], AkkerDH07 [858]... (Total: 41)	PrataAN23 [711], LacknerMMWW23 [515], JuvinHL23a [459], ArtiguesHQT21 [45], LacknerMMWW21 [514], Godet21a [344], GroleazNS20a [364], AntuoriHHEN20 [31], GroleazNS20 [365], ZarandiASC20 [915], ArkhipovBL19 [37], abs-1911-04766 [329], GeibingerMM19 [330], Dejemeppe16 [238], HeinzSB13 [406], KelbelH11 [470], Beck10 [88], MilanoW09 [609], Laborie09 [510], BartakSR08 [83], Simonis07 [793], Limtanyakul07 [538], MilanoW06 [608], Hooker06 [427], WuBB05 [899], Hooker05a [425], PolicellaWSO05 [704], Sadykov04 [754], HarjunkoskiG02 [388]... (Total: 36)	ForbesHJST24 [303], Adelgren2023 [11], PovedaAA23 [708], PenzDN23 [689], IsikYA23 [445], YuraszeckMC23 [909], PohlAK22 [703], TouatBT22 [836], AwadMDMT22 [54], Zahout21 [912], AntuoriHHEN21 [32], GeibingerMM21 [331], HillTV21 [418], AbreuAPNM21 [232], Astrand21 [50], ZhangYW21 [925], KovacsTKSG21 [498], GodetLHS20 [345], MejiaY20 [593], Lunardi20 [568], Hooker19 [432], Novas19 [652], NattafHKAL19 [644], PachecoPR19 [679], UnsalO19 [853], Caballero19 [174], abs-1902-09244 [393], TanT18 [812], KreterSSZ18 [501]... (Total: 104)
Concepts	sequence dependent setup	Groleaz21 [363], GedikKEK18 [326], TranAB16 [838], HamC16 [384], TranB12 [839], Wolf11 [894], ArtiguesF07 [44], FocacciLN00 [300]	IsikYA23 [445], YuraszeckMPV22 [910], GeitzGSSW22 [332], MengLZB21 [598], CauwelaertDS20 [197], MengZRZL20 [599], ZarandiASC20 [915], RiahiNS018 [731], Dejemeppe16 [238], GrimesH15 [360], LombardiM12 [555], Simonis07 [793], ArtiguesBF04 [42]	PrataAN23 [711], GuoZ23 [373], abs-2305-19888 [408], Adelgren2023 [11], NaderiRR23 [637], YunusogluY22 [908], PohlAK22 [703], HeinzNVH22 [407], OujanaAYB22 [674], NaderiBZ22a [631], Astrand21 [50], ArmstrongGOS21 [38], Bedhief21 [103], HamPK21 [382], Mercier-AubinGQ20 [602], MejiaY20 [593], RoshanaeiBAUB20 [743], MalapertN19 [582], KonowalenkoMM19 [486], Novas19 [652], KucukY19 [507], Hooker19 [432], PachecoPR19 [679], ArbaouiY18 [35], LaborieRSV18 [512], FahimiOQ18 [287], Ham18 [383], GedikKBR17 [327], EmeretlisTAV17 [275]... (Total: 54)

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	setup-time	PrataAN23 [711], NaderiBZ23 [634], AbreuPNF23 [5], abs-2305-19888 [408], AbreuNP23 [234], NaderiRR23 [637], IsikYA23 [445], LacknerMMWW23 [515], ColT22 [224], NaderiBZ22 [633], WinterMMW22 [891], CilKLO22 [208], YuraszeckMPV22 [910], MengGRZSC22 [597], GeitzGSSW22 [332], OujanaAYB22 [674], YunusogluY22 [908], PohlAK22 [703], HeinzNVH22 [407], AbreuN22 [233], AwadMDMT22 [54], Groleaz21 [363], MengLZB21 [598], Astrand21 [50], LacknerMMWW21 [514], GroleazNS20 [365], Mercier-AubinGQ20 [602], LunardiBLRV20 [567], ZarandiASC20 [915]... (Total: 74)	Adelgren2023 [11], PenzDN23 [689], GokPTGO23 [348], ZhuSZW23 [933], 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 [669], HamC16 [384], GaySS14 [325], PengLC14 [688], KelarevaTK13 [469], OzturkTHO13 [677], ZampelliVSDR13 [913], Malapert11 [578], Wolf11 [894], ThiruvadyBME09 [827], BeniniBGM06 [120], HarjunkoskiG02 [388], Timpe02 [831]... (Total: 31)	AfsarVPG23 [12], Mehdizadeh-Somarin23 [592], GuoZ23 [373], NaderiBZR23 [632], EfthymiouY23 [267], YuraszeckMCCR23 [911], JuvinHL23 [458], JuvinHL23a [459], Fatemi-AnarakiTFV23 [294], FrimodigECM23 [311], JuvinHHL23 [456], abs-2211-14492 [806], ZhangJZL22 [923], Teppan22 [822], NaderiBZ22a [631], GhandehariK22 [338], JuvinHL22 [457], MullerMKP22 [622], ZhangYW21 [925], AbohashimaEG21 [4], RoshanaeiN21 [746], BenderWS21 [114], HamPK21 [382], Polo-MejiaALB20 [705], HauderBRPA20 [394], MokhtarzadehTNF20 [613], GokGSTO20 [347], AbidinK20 [3], GodetLHS20 [345]... (Total: 101)
Concepts	single-machine scheduling	PenzDN23 [689], TouatBT22 [836], ZarandiASC20 [915], BajestaniB15 [59]	PrataAN23 [711], AlfieriGPS23 [25], Groleaz21 [363], BenediktMH20 [116], BogaerdtW19 [859], TerekhovDOB12 [823], KovacsB11 [493], WuBB09 [900], JainM99 [447]	LuZZYW24 [564], BonninMNE24 [154], Fatemi-AnarakiTFV23 [294], Mehdizadeh-Somarin23 [592], ZhangJZL22 [923], PohlAK22 [703], ElciOH22 [268], EmdeZD22 [274], HillTV21 [418], QinWSLS21 [717], KoehlerBFFHPSSS21 [483], HamPK21 [382], PandeyS21a [681], NattafHKAL19 [644], NattafDYW19 [643], Tom19 [832], Hooker19 [432], MalapertN19 [582], BenediktSMVH18 [117], TanT18 [812], Tesch18 [826], GomesM17 [355], HamFC17 [380], ZarandiKS16 [914], TranWDRFOVB16 [845], TranAB16 [838], DoulabiRP16 [260], BurtLPS15 [172], LaborieR14 [513]... (Total: 52)
Concepts	single-stage scheduling		HarjunkoskiG02 [388]	TerekhovDOB12 [823]
Concepts	stochastic	ForbesHJST24 [303], NaderiBZ23 [634], AfsarVPG23 [12], GuoZ23 [373], NaderiBZR23 [632], AlakaP23 [22], GurPAE23 [374], GokPTGO23 [348], PenzDN23 [689], NaderiBZ22 [633], SubulanC22 [803], ElciOH22 [268], GhandehariK22 [338], Astrand21 [50], Edis21 [263], Groleaz21 [363], RoshanaeiBAUB20 [743], AntuoriHHEN20 [31], ZarandiASC20 [915], Hooker19 [432], PinarbasiAY19 [699], TranPZLDB18 [841], ShinBBHO18 [784], Froger16 [313], LombardiBM15 [549], HarjunkoskiMBC14 [390], ZhaoL14 [928], BonfiettiLM14 [151], TerekhovTDB14 [824]... (Total: 48)	YuraszeckMC23 [909], FrimodigECM23 [311], FarsiTM22 [293], OrnekOS20 [670], YuraszeckMPV22 [910], CilKLO22 [208], HubnerGSV21 [440], Alaka21 [21], AntuoriHHEN21 [32], AstrandJZ20 [53], Lunardi20 [568], SacramentoSP20 [752], GurEA19 [937], AlakaPY19 [23], ParkUJR19 [686], FrimodigS19 [312], SenderovichBB19 [779], LaborieRSV18 [512], ZhangW18 [926], RoshanaeiLAU17 [745], HookerH17 [436], RiiseML16 [733], LimHTB16 [535], DoulabiRP16 [260], BajestaniB15 [59], TranTDB13 [842], MeskensDL13 [604], LombardiM12a [554], CobanH11 [215]... (Total: 40)	PrataAN23 [711], LuZZYW24 [564], AlfieriGPS23 [25], AbreuPNF23 [5], Mehdizadeh-Somarin23 [592], JuvinHL23 [458], JuvinHL23a [459], AbreuNP23 [234], IklassovMR023 [444], KotaryFH22 [490], CampeauG22 [178], ZhangJZL22 [923], PopovicCGNC22 [706], LiFJZLL22 [531], PohlAK22 [703], NaderiBZ22a [631], AbreuN22 [233], EmdeZD22 [274], EtminaniesfahaniGNMS22 [282], AwadMDMT22 [54], Tassel22 [818], MullerMKP22 [622], FanXG21 [292], VlkHT21 [875], RoshanaeiN21 [746], AbohashimaEG21 [4], AbreuAPNM21 [232], Lemos21 [524], GokGSTO20 [347]... (Total: 122)
Concepts	stock level	LopesCSM10 [559], SimonisC95 [795]	German18 [335], RossiTHP07 [747], Timpe02 [831], Simonis99 [792]	UnsalO19 [853], QinDS16 [719], KhemmoudjPB06 [475], SimonisCK00 [794], Beck99 [85], RoweJCA96 [748], Simonis95a [790]
Concepts	sustainability			LuZZYW24 [564], MontemanniD23a [616], AbreuPNF23 [5], PenzDN23 [689], CzerniachowskaWZ23 [222], MontemanniD23 [617], Mehdizadeh-Somarin23 [592], PopovicCGNC22 [706], MullerMKP22 [622], CilKLO22 [208], BenediktMH20 [116], HoYCLLCLC18 [420], Froger16 [313], BridiBLMB16 [166], Madi-WambaB16 [573], GrimesIOS14 [362], IfrimOS12 [443]

Table 17: Works for Concepts of Type Concepts (Total 64 Concepts, 64 Used)

Type	Keyword	High	Medium	Low
Concepts	tardiness	PrataAN23 [711], NaderiRR23 [637], IsikYA23 [445], KimCMLLP23 [476], AlfieriGPS23 [25], GokPTGO23 [348], NaderiBZ23 [634], LacknerMMWW23 [515], AbreuPNF23 [5], OujanaAYB22 [674], AwadMDMT22 [54], PohlAK22 [703], TouatBT22 [836], AbreuN22 [233], WinterMMW22 [891], YunusogluY22 [908], NaderiBZ22 [633], abs-2211-14492 [806], FanXG21 [292], MengLZB21 [598], AntuoriHHEN21 [32], Groleaz21 [363], LacknerMMWW21 [514], ZarandiASC20 [915], Mercier-AubinGQ20 [602], TangB20 [815], AntuoriHHEN20 [31], HauderBRPA20 [394], GroleazNS20a [364]... (Total: 72)	abs-2402-00459 [647], AbreuNP23 [234], PenzDN23 [689], SubulanC22 [803], 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 [838], ThiruvadyWGS14 [828], TerekhovTDB14 [824], HarjunkoskiMBC14 [390], HamdiL13 [385], BajestaniB13 [58], Malapert11 [578], NovasH10 [653], BartakSR10 [79], Beck06 [86], QuirogaZH05 [721], GodardLN05 [343]... (Total: 35)	JuvinHL23 [458], Mehdizadeh-Somarin23 [592], TasselGS23 [819], IklassovMR023 [444], abs-2306-05747 [820], LiFJZLL22 [531], ZhangJZL22 [923], GhandehariK22 [338], EtminaniesfahaniGNMS22 [282], NaderiBZ22a [631], MengGRZSC22 [597], VlkHT21 [875], KoehlerBFFHPSSS21 [483], HanenKP21 [387], HamPK21 [382], Astrand21 [50], HubnerGSV21 [440], Bedhief21 [103], GeibingerMM21 [331], QinWSLS21 [717], QinDCS20 [718], MejiaY20 [593], LunardiBLRV20 [567], Polo-MejiaALB20 [705], Tom19 [832], SunTB19 [805], Novas19 [652], ZhangW18 [926], RiahiNS018 [731]... (Total: 96)
Concepts	temporal constraint reasoning			BartakSR10 [79], KeriK07 [473], FortinZDF05 [304]
Concepts	transportation	LuZZYW24 [564], MarliereSPR23 [587], CzerniachowskaWZ23 [222], GuoZ23 [373], PohlAK22 [703], ArmstrongGOS22 [39], EmdeZD22 [274], GeitzGSSW22 [332], BourreauGGLT22 [162], Lemos21 [524], KletzanderMH21 [482], ArmstrongGOS21 [38], ThomasKS20 [829], QinDCS20 [718], Lunardi20 [568], FachiniA20 [285], SacramentoSP20 [752], KletzanderM20 [481], TanZWGQ19 [814], MurinR19 [623], Hooker19 [432], SunTB19 [805], UnsalO19 [853], CappartTSR18 [180], Ham18 [383], PourDERB18 [707], TangLWSK18 [816], QinDS16 [719], Froger16 [313]... (Total: 47)	FalqueALM24 [291], AfsarVPG23 [12], NaderiRR23 [637], AbreuPNF23 [5], KimCMLLP23 [476], Fatemi-AnarakiTFV23 [294], GokPTGO23 [348], NaderiBZ23 [634], MengGRZSC22 [597], ElciOH22 [268], AbreuN22 [233], SubulanC22 [803], PopovicCGNC22 [706], NaderiBZ22 [633], Astrand21 [50], Godet21a [344], AbohashimaEG21 [4], FallahiAC20 [290], MengZRZL20 [599], MejiaY20 [593], ZarandiASC20 [915], LaborieRSV18 [512], GedikKBR17 [327], EvenSH15 [283], MelgarejoLS15 [16], HarjunkoskiMBC14 [390], RendlPHPR12 [730], Malapert11 [578], MakMS10 [577]... (Total: 37)	LiLZDZW24 [530], NaderiBZR23 [632], AalianPG23 [1], PerezGSL23 [690], AlfieriGPS23 [25], ZhuSZW23 [933], IklassovMR023 [444], WangB23 [882], MontemanniD23a [616], Adelgren2023 [11], IsikYA23 [445], AbreuNP23 [234], abs-2312-13682 [691], NaderiBZ22a [631], abs-2211-14492 [806], BoudreaultSLQ22 [160], ZhangJZL22 [923], YuraszeckMPV22 [910], YunusogluY22 [908], LiFJZLL22 [531], ColT22 [224], AntuoriHHEN21 [32], MengLZB21 [598], HubnerGSV21 [440], Bedhief21 [103], Groleaz21 [363], AntunesABD20 [30], WallaceY20 [879], HauderBRPA20 [394]... (Total: 114)
Concepts	two-machine scheduling			AbreuNP23 [234]
Concepts	two-stage scheduling			Astrand21 [50], QinWSLS21 [717], ZarandiASC20 [915], ZouZ20 [936], TangB20 [815], TanZWGQ19 [814]
Concepts	unavailability	Lemos21 [524], Astrand21 [50], Lunardi20 [568], LunardiBLRV20 [567], ZhangW18 [926], Froger16 [313], BajestaniB15 [59], UnsalO13 [852], AkkerDH07 [858], KhemmoudjPB06 [475]	Mehdizadeh-Somarin23 [592], PenzDN23 [689], TouatBT22 [836], KovacsTKSG21 [498], SerraNM12 [780], LorigeonBB02 [561]	WangB23 [882], PovedaAA23 [708], ShaikhK23 [781], FrimodigECM23 [311], abs-2305-19888 [408], GuoZ23 [373], HeinzNVH22 [407], YunusogluY22 [908], BulckG22 [857], NaqviAIAAA22 [638], PandeyS21a [681], FanXG21 [292], WangB20 [881], AstrandJZ20 [53], KreterSSZ18 [501], ArbaouiY18 [35], KreterSS17 [500], TranVNB17 [843], BurtLPS15 [172], KreterSS15 [499], GoelSHFS15 [346], NovasH14 [655], HarjunkoskiMBC14 [390], ArtiguesLH13 [47], GuyonLPR12 [375], NovasH10 [653], FoxS90 [306]

7.8 Concept Type Constraints

Table 18: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

Type	Keyword	High	Medium	Low
Constraints	AllDiff constraint	WangB20 [881]		Godet21a [344], FahimiOQ18 [287], CarlssonJL17 [189], Fahimi16 [286], LarsonJC14 [519], Lombardi10 [548]
Constraints	AllDiffPrec constraint	Godet21a [344]		JuvinHHL23 [456]
Constraints	AlwaysConstant		LuoB22 [570], LaborieRSV18 [512]	
Constraints	Among constraint	Siala15a [786], Siala15 [785], BeldiceanuC94 [111]	Simonis07 [793], BosiM2001 [158]	German18 [335], HookerH17 [436], Refalo00 [728], Simonis95 [791], AggounB93 [13]
Constraints	AmongSeq constraint		Siala15 [785], Siala15a [786]	
Constraints	Arithmetic constraint		ColT22 [224]	BadicaBI20 [55], Caballero19 [174], BadicaBIL19 [56], LiuLH19a [542], LaborieRSV18 [512], Schutt11 [767], OhrimenkoSC09 [667], Kuchcinski03 [503], Baptiste02 [62], ElkhyariGJ02a [273], Thorsteinsson01 [830], Refalo00 [728], SakkoutW00 [757], AbdennadherS99 [2], FalaschiGMP97 [289], BeldiceanuC94 [111], AggounB93 [13]
Constraints	AtMostSeq	Siala15a [786], Siala15 [785]		
Constraints	AtMostSeqCard	Siala15 [785], Siala15a [786]		
Constraints	Atmost constraint	Siala15a [786], Siala15 [785]		Simonis07 [793], BeldiceanuC94 [111]
Constraints	Balance constraint	RoePS05 [742], Laborie03 [508]	Timpe02 [831], Muscettola02 [628]	GuoZ23 [373], PopovicCGNC22 [706], German18 [335], SchuttS16 [776], Siala15 [785], Siala15a [786], GrimesH15 [360], Kameugne14 [461], DerrienPZ14 [246], TerekhovDOB12 [823], 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 [731]		WessenCSFPM23 [889], IsikYA23 [445], LiFJZLL22 [531], MengZRZL20 [599], RodriguezS09 [741], Rodriguez07b [739], Rodriguez07 [738]
Constraints	BufferedResource	BessiereHMQW14 [127]		
Constraints	Calendar constraint	KreterSSZ18 [501], KreterSS17 [500]	KreterSS15 [499]	PovedaAA23 [708], IsikYA23 [445], Polo-MejiaALB20 [705], LaborieRSV18 [512]
Constraints	CardPath			Siala15a [786], Siala15 [785]
Constraints	Cardinality constraint	Caballero19 [174], Dejemeppe16 [238], Siala15 [785], Siala15a [786], SchausHMCMD11 [762], Malik08 [583]	OuelletQ22 [673], HoundjiSW19 [438], German18 [335], MusliuSS18 [630], HookerH17 [436], Fahimi16 [286], BofillGSV15 [145], HoundjiSWD14 [439], ChuGNSW13 [204], HachemiGR11 [376], MilanoW09 [609], MalikMB08 [584], Simonis07 [793], MilanoW06 [608], RussellU06 [750], Gronkvist06 [366], Perron05 [692]	Godet21a [344], Lemos21 [524], GeibingerKKMMW21 [328], CauwelaertDS20 [197], TangB20 [815], abs-1911-04766 [329], CarlssonJL17 [189], TranVNB17 [843], PesantRR15 [695], LarsonJC14 [519], DoulabiRP14 [259], BessiereHMQW14 [127], BajestaniB13 [58], LimtanyakulS12 [539], Menana11 [594], BajestaniB11 [57], ClercqPBJ11 [213], KovacsB11 [493], abs-0907-0939 [697], OhrimenkoSC09 [667], KovacsB08 [492], CambazardHDJT04 [176], BourdaisGP03 [161], Baptiste02 [62], Refalo00 [728], HookerOTK00 [435], BeckF00 [97], AbdennadherS99 [2], PapaB98 [685]... (Total: 32)
Constraints	Channeling constraint	OzturkTHO13 [677], Wallace06 [878]	KoehlerBFFHPSSS21 [483], BofillEGPSV14 [144], HeinzB12 [402]	WangB23 [882], AntuoriHHEN20 [31], LiuLH19 [543], GokgurHO18 [349], CarlssonJL17 [189], BofillGSV15 [145], HeinzKB13 [403], MalapertGR12 [581], KovacsB11 [493], WuBB09 [900], MilanoW09 [609], MouraSCL08 [621], MouraSCL08a [620], GarganiR07 [319], MilanoW06 [608], Perron05 [692], CambazardHDJT04 [176]
Constraints	Completion constraint	KovacsB11 [493], KovacsB08 [492], KovacsB07 [491]	BonninMNE24 [154]	HeckmanB11 [401]
Constraints	CumulativeCost	SimonisH11 [796]		

Table 18: 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 [817], OuelletQ22 [673], BoudreaultSLQ22 [160], ArkhipovBL19 [37], OuelletQ18 [672], FahimiOQ18 [287], Fahimi16 [286], SchuttS16 [776], Dejemeppe16 [238], GayHS15a [324], LetortCB15 [528], GayHS15 [323], CauwelaertLS15 [195], Kameugne14 [461], DerrienPZ14 [246], Letort13 [525], OuelletQ13 [671], Clercq12 [235], LetortBC12 [526], SimonisH11 [796], ClercqPBJ11 [213], Malapert11 [578], Wolf11 [894], MilanoW09 [609], abs-0907-0939 [697], Simonis07 [793], MilanoW06 [608]
Constraints	Diff2 constraint	Kuchcinski03 [503]		WolinskiKG04 [898], KuchcinskiW03 [504]
Constraints	Disjunctive constraint	KoehlerBFFHPSSS21 [483], Godet21a [344], GrimesH15 [360], Malapert11 [578], RoePS05 [742], Baptiste02 [62], Dorndorf2000 [258], SourdN00 [799], HookerO99 [433], RodosekWH99 [737], PapaB98 [685], RodosekW98 [736], Zhou97 [930], BaptisteP95 [67], DincbasSH90 [252]	BonninMNE24 [154], JuvinHHL23 [456], NaderiRR23 [637], BourreauGGLT22 [162], GodetLHS20 [345], GokgurHO18 [349], KuB16 [502], Fahimi16 [286], Siala15a [786], MelgarejoLS15 [16], Siala15 [785], SialaAH15 [787], SchuttFS13 [770], OzturkTHO13 [677], 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 [763], FocacciLN00 [300], SakkoutW00 [757]... (Total: 34)	abs-2402-00459 [647], KameugneFND23 [464], Bit-Monnot23 [132], MarliereSPR23 [587], JuvinHL23a [459], NaderiBZ23 [634], NaderiBZ22a [631], KotaryFH22 [490], JuvinHL22 [457], ZhangBB22 [924], abs-2211-14492 [806], BoudreaultSLQ22 [160], YuraszeckMPV22 [910], NaderiBZ22 [633], Groleaz21 [363], Astrand21 [50], Astrand0F21 [51], WallaceY20 [879], Polo-MejiaALB20 [705], MejiaY20 [593], AstrandJZ20 [53], German18 [335], TanT18 [812], FahimiOQ18 [287], LaborieRSV18 [512], KameugneFGOQ18 [463], DemirovicS18 [243], OrnekO16 [669], BoothTNB16 [156]... (Total: 83)
Constraints	Element constraint	Dejemeppe16 [238], HookerOTK00 [435]	LiuLH18 [541], KreterSS17 [500], Wolf11 [894], Kuchcinski03 [503], Darby-DowmanLMZ97 [228]	LacknerMMWW23 [515], LuoB22 [570], Godet21a [344], LacknerMMWW21 [514], TangB20 [815], AntuoriHHEN20 [31], KreterSSZ18 [501], LiuCGM17 [546], Madi-WambaLOBM17 [574], SzerediS16 [810], OrnekO16 [669], DoulabiRP16 [260], KreterSS15 [499], HoundjiSWD14 [439], BessiereHMQW14 [127], DoulabiRP14 [259], OzturkTHO12 [675], ZengM12 [922], SimonisH11 [796], SchausHMCMD11 [762], Malapert11 [578], Schutt11 [767], MouraSCL08 [621], SchausD08 [761], GarganiR07 [319], CambazardHDJT04 [176], Refalo00 [728], BeldiceanuC94 [111]
Constraints	Flowtime constraint	BonninMNE24 [154]		
Constraints	GCC constraint	HoundjiSW19 [438], Dejemeppe16 [238], HoundjiSWD14 [439]	SchausHMCMD11 [762]	OuelletQ22 [673], TangB20 [815], CauwelaertLS18 [196], Siala15 [785], Siala15a [786], CauwelaertLS15 [195], BajestaniB13 [58], HachemiGR11 [376], MilanoW09 [609], Simonis07 [793], 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 [761]	
Constraints	IloPulse			KreterSS17 [500], BajestaniB13 [58]
Constraints	MinWeightAllDiff	WangB20 [881]		WangB23 [882]
Constraints	MultiAtMostSeqCard	Siala15 [785], Siala15a [786]		
Constraints	PreemptiveNoOverlap	JuvinHHL23 [456]		
Constraints	Pulse constraint			PandeyS21a [681], GeibingerMM19 [330], ArbaouiY18 [35], KreterSS17 [500]
Constraints	Regular constraint	MusliuSS18 [630], Siala15 [785], Siala15a [786], PesantRR15 [695]	HookerH17 [436], Dejemeppe16 [238]	WessenCSFPM23 [889], FrimodigS19 [312], PraletLJ15 [710], LarsonJC14 [519], KovacsB11 [493], Menana11 [594], KovacsB08 [492], HenzMT04 [414]

Table 18: Works for Concepts of Type Constraints (Total 63 Concepts, 63 Used)

Type	Keyword	High	Medium	Low
Constraints	Reified constraint	Schutt11 [767], MilanoW09 [609], Kuchcinski03 [503]	LiuLH19a [542], KovacsK11 [495], MilanoW06 [608]	Astrand21 [50], BadicaBI20 [55], LaborieRSV18 [512], CauwelaertLS18 [196], KreterSS17 [500], Dejemeppe16 [238], Siala15 [785], Siala15a [786], SchuttFSW13 [774], OhrimenkoSC09 [667], SchausD08 [761], SchildW00 [763]
Constraints	RelSoftCumulative	abs-0907-0939 [697]		
Constraints	RelSoftCumulativeSum			abs-0907-0939 [697]
Constraints	SoftCumulative	Clercq12 [235], ClercqPBJ11 [213], abs-0907-0939 [697]	OuelletQ22 [673]	
Constraints	SoftCumulativeSum	Clercq12 [235], abs-0907-0939 [697]		ClercqPBJ11 [213]
Constraints	TaskIntersection constraint	Madi-WambaB16 [573]		
Constraints	UTVPI constraint	Schutt11 [767]		
Constraints	WeightAllDiff	WangB20 [881]		WangB23 [882]
Constraints	WeightedSum	Wolf09 [897]		
Constraints	WeightedTaskSum	Wolf09 [897]		
Constraints	alldifferent	FalqueALM24 [291], JuvinHHL23 [456], Lemos21 [524], KoehlerBFFHPSSS21 [483], Godet21a [344], HoundjiSW19 [438], LiuLH19a [542], CauwelaertLS18 [196], CarlssonJL17 [189], Dejemeppe16 [238], Siala15 [785], Derrien15 [244], Siala15a [786], LarsonJC14 [519], Clercq12 [235], Menana11 [594], Malapert11 [578], MilanoW09 [609], OhrimenkoSC09 [667], Simonis07 [793], RussellU06 [750], MilanoW06 [608], KanetAG04 [468]	GodetLHS20 [345], HookerH17 [436], Fahimi16 [286], BessiereHMQW14 [127], UnsalO13 [852], KelarevaTK13 [469], TerekhovDOB12 [823], ZengM12 [922], Schutt11 [767]	GokPTGO23 [348], WangB23 [882], ColT22 [224], FarsiTM22 [293], BourreauGGLT22 [162], Astrand21 [50], MokhtarzadehTNF20 [613], AntuoriHHEN20 [31], AstrandJZ20 [53], WangB20 [881], Lunardi20 [568], Caballero19 [174], FahimiOQ18 [287], Nattaf16 [639], MelgarejoLS15 [16], AlesioNBG14 [247], Letort13 [525], ChuGNSW13 [204], ClercqPBJ11 [213], HachemiGR11 [376], HermenierDL11 [415], TrojetHL11 [849], LopesCSM10 [559], Malik08 [583], RasmussenT07 [725], Thorsteinsson01 [830], BeldiceanuC01 [107], Simonis99 [792], BeldiceanuC94 [111]
Constraints	alternative constraint	LaborieRSV18 [512]	abs-2305-19888 [408], MurinR19 [623], GokgurHO18 [349], GedikKBR17 [327], ZhaoL14 [928], LaborieR14 [513]	ZhuSZW23 [933], MarliereSPR23 [587], LacknerMMWW23 [515], WessenCSFPM23 [889], NaderiRR23 [637], SvancaraB22 [809], WinterMMW22 [891], HeinzNVH22 [407], AwadMDMT22 [54], ZhangJZL22 [923], ArmstrongGOS21 [38], PandeyS21a [681], VlkHT21 [875], HillTV21 [418], MengLZB21 [598], HubnerGSV21 [440], MengZRZL20 [599], Polo-MejiaALB20 [705], SacramentoSP20 [752], AbidinK20 [3], NishikawaSTT19 [650], GalleguillosKSB19 [317], EscobetPQPRA19 [279], abs-1911-04766 [329], YounespourAKE19 [904], GeibingerMM19 [330], MalapertN19 [582], NattafDYW19 [643], NishikawaSTT18 [648]... (Total: 48)
Constraints	alwaysEqual constraint		LaborieRSV18 [512], GoelSHFS15 [346]	HamFC17 [380], HamC16 [384]
Constraints	alwaysIn	PopovicCGNC22 [706], SerraNM12 [780]	LuZZYW24 [564], AalianPG23 [1], LuoB22 [570], TangB20 [815], Polo-MejiaALB20 [705], MalapertN19 [582], LaborieRSV18 [512], GoelSHFS15 [346]	AwadMDMT22 [54], CampeauG22 [178], KreterSS17 [500], QinDS16 [719], BajestaniB13 [58]
Constraints	bin-packing	NaderiBZR23 [632], Zahout21 [912], Godet21a [344], TangB20 [815], CauwelaertLS18 [196], RoshanaeiLAU17 [745], CauwelaertLS15 [195], LetortCB15 [528], Letort13 [525], LetortCB13 [527], MalapertGR12 [581], HeinzSSW12 [404], LetortBC12 [526], Malapert11 [578], SchausHMCMD11 [762], ClautiauxJCM08 [211], SchausD08 [761]	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 [763], SakkoutW00 [757]	abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], LacknerMMWW23 [515], GuoZ23 [373], AkramNHRSA23 [19], YunusogluY22 [908], abs-2211-14492 [806], GhandehariK22 [338], ArmstrongGOS21 [38], RoshanaeiBAUB20 [743], GodetLHS20 [345], PinarbasiAY19 [699], AlakaPY19 [23], TranPZLDB18 [841], BukchinR18 [171], German18 [335], HookerH17 [436], HamFC17 [380], Madi-WambaLOBM17 [574], DoulabiRP16 [260], RiiseML16 [733], DoulabiRP14 [259], KoschB14 [489], LimtanyakulS12 [539], EdisO11 [264], HermenierDL11 [415], BeldiceanuCDP11 [109], ReddyFIBKAJ11 [727], Schutt11 [767]... (Total: 40)

Table 18: 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 [749], RodriguezS09 [741], AchterbergBKW08 [8], Rodriguez07b [739], Rodriguez07 [738], BeniniBGM05 [118], RodriguezDG02 [740], GruianK98 [367], Wallace96 [877], BeldiceanuC94 [111]	WessenCSFPM23 [889], Groleaz21 [363], WessenCS20 [888], AntuoriHHEN20 [31], Siala15 [785], Siala15a [786], LombardiMB13 [557], TranB12 [839], Malapert11 [578], ZeballosCM10 [917], KrogtLPHJ07 [860], KuchcinskiW03 [504], HookerO03 [434], Thorsteinsson01 [830], WatsonBHW99 [885], Simonis99 [792], Simonis95a [790], DincbasSH90 [252]	PrataAN23 [711], 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 [912], ArmstrongGOS21 [38], WallaceY20 [879], GokGSTO20 [347], GroleazNS20 [365], HoundjiSW19 [438], EscobetPQPRA19 [279], Hooker19 [432], Ham18a [377], TangLWSK18 [816], CappartTSR18 [180], CauwelaertLS18 [196], EmeretlisTAV17 [275], Hooker17 [431]... (Total: 90)
Constraints	cumulative	AalianPG23 [1], TardivoDFMP23 [817], NaderiRR23 [637], LacknerMMWW23 [515], WessenCSFPM23 [889], PovedaAA23 [708], KameugneFND23 [464], IsikYA23 [445], PohlAK22 [703], AwadMDMT22 [54], ZhangJZL22 [923], LuoB22 [570], FetgoD22 [298], OuelletQ22 [673], BoudreaultSLQ22 [160], Lemos21 [524], Godet21a [344], Groleaz21 [363], LacknerMMWW21 [514], KovacsTKSG21 [498], Zahout21 [912], HanenKP21 [387], GroleazNS20a [364], CarlierPSJ20 [187], ThomasKS20 [829], Polo-MejiaALB20 [705], Mercier-AubinGQ20 [602], WallaceY20 [879], SacramentoSP20 [752]... (Total: 181)	ForbesHJST24 [303], PrataAN23 [711], LuZZYW24 [564], BonninMNE24 [154], abs-2402-00459 [647], PerezGSL23 [690], EfthymiouY23 [267], abs-2312-13682 [691], GokPTGO23 [348], ElciOH22 [268], YunusogluY22 [908], GeitzGSSW22 [332], AbreuN22 [233], NaqviAIAAA22 [638], ColT22 [224], CampeauG22 [178], HubnerGSV21 [440], KlankeBYE21 [479], HillTV21 [418], MengLZB21 [598], AbidinK20 [3], NattafM20 [645], NattafHKAL19 [644], BhatnagarKL19 [128], GalleguillosKSB19 [317], NishikawaSTT19 [650], GedikKEK18 [326], BorghesiBLMB18 [157], TranVNB17a [844]... (Total: 70)	GurPAE23 [374], abs-2306-05747 [820], AbreuPNF23 [5], YuraszeckMCCR23 [911], MarliereSPR23 [587], TasselGS23 [819], FrimodigECM23 [311], IklassovMR023 [444], JuvinHL23a [459], abs-2305-19888 [408], Bit-Monnot23 [132], JuvinHHL23 [456], HeinzNVH22 [407], PopovicCGNC22 [706], HebrardALLCMR22 [396], Tassel22 [818], abs-2211-14492 [806], SubulanC22 [803], JuvinHL22 [457], ArmstrongGOS22 [39], Astrand21 [50], PandeyS21a [681], KoehlerBFFHPSSS21 [483], RoshanaeiN21 [746], ArtiguesHQT21 [45], GeibingerMM21 [331], ArmstrongGOS21 [38], GokGSTO20 [347], HauderBRPA20 [394]... (Total: 154)
Constraints	cycle	AalianPG23 [1], WessenCSFPM23 [889], AlakaP23 [22], AwadMDMT22 [54], CilKLO22 [208], Astrand21 [50], AbohashimaEG21 [4], AntuoriHHEN21 [32], Groleaz21 [363], Astrand0F21 [51], Edis21 [263], Alaka21 [21], AbidinK20 [3], GroleazNS20a [364], AntuoriHHEN20 [31], AstrandJZ20 [53], WallaceY20 [879], PinarbasiAY19 [699], Caballero19 [174], AlakaPY19 [23], ParkUJR19 [686], BorghesiBLMB18 [157], AstrandJZ18 [52], BukchinR18 [171], GomesM17 [355], BridiBLMB16 [166], Dejemeppe16 [238], OzturkTHO15 [678], BonfiettiLBM14 [149]... (Total: 65)	EfthymiouY23 [267], CampeauG22 [178], Godet21a [344], HillTV21 [418], Lemos21 [524], KoehlerBFFHPSSS21 [483], HubnerGSV21 [440], CauwelaertDS20 [197], Lunardi20 [568], ZarandiASC20 [915], GroleazNS20 [365], ArkhipovBL19 [37], MossigeGSMC17 [619], HamFC17 [380], TranAB16 [838], Froger16 [313], SimoninAHL15 [789], BurtLPS15 [172], Siala15 [785], PraletLJ15 [710], Siala15a [786], HarjunkoskiMBC14 [390], TranTDB13 [842], SchuttFSW13 [774], SimoninAHL12 [788], BonfiettiLBM12 [148], OzturkTHO12 [675], KovacsB11 [493], BonfiettiLBM11 [147]... (Total: 56)	Bit-Monnot23 [132], AkramNHRSA23 [19], Fatemi-AnarakiTFV23 [294], MarliereSPR23 [587], IklassovMR023 [444], GokPTGO23 [348], GuoZ23 [373], ZhangBB22 [924], BourreauGGLT22 [162], AbreuN22 [233], KotaryFH22 [490], AbreuAPNM21 [232], ArmstrongGOS21 [38], Zahout21 [912], FanXG21 [292], HamPK21 [382], Ham20a [378], HauderBRPA20 [394], FachiniA20 [285], QinDCS20 [718], BadicaBI20 [55], MokhtarzadehTNF20 [613], TangB20 [815], FallahiAC20 [290], Mercier-AubinGQ20 [602], Novas19 [652], abs-1902-09244 [393], EscobetPQPRA19 [279], KucukY19 [507]... (Total: 119)
Constraints	diffn	ArmstrongGOS21 [38], Simonis07 [793], SimonisCK00 [794], BeldiceanuC94 [111]	WessenCSFPM23 [889], BeldiceanuCDP11 [109]	LuoB22 [570], BourreauGGLT22 [162], KreterSS17 [500], KreterSS15 [499], Malapert11 [578], TrojetHL11 [849], ChenGPSH10 [203], Kuchcinski03 [503], Timpe02 [831], Simonis99 [792], GruianK98 [367], Simonis95 [791], SimonisC95 [795], Simonis95a [790]

Table 18: 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 [924], YuraszeckMPV22 [910], 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 [709], HookerH17 [436], KuB16 [502], FontaineMH16 [302], Fahimi16 [286], OrnekO16 [669], BoothTNB16 [156], GrimesH15 [360], GoelSHFS15 [346]... (Total: 101)	MarliereSPR23 [587], Adelgren2023 [11], JuvinHL23a [459], BoudreaultSLQ22 [160], OrnekOS20 [670], KotaryFH22 [490], Astrand0F21 [51], GeibingerMM21 [331], AstrandJZ20 [53], MejiaY20 [593], Polo-MejiaALB20 [705], SacramentoSP20 [752], RoshanaeiBAUB20 [743], PachecoPR19 [679], UnsalO19 [853], YangSS19 [901], DemirovicS18 [243], TanT18 [812], CauwelaertLS18 [196], KameugneFGOQ18 [463], Dejemeppe16 [238], Nattaf16 [639], SimoninAHL15 [789], EvenSH15a [284], VilimLS15 [873], EvenSH15 [283], GayHS15 [323], LaborieR14 [513], KameugneFSN14 [467]... (Total: 57)	LuZZYW24 [564], abs-2402-00459 [647], LacknerMMWW23 [515], abs-2306-05747 [820], IklassovMR023 [444], NaderiBZ23 [634], TardivoDFMP23 [817], ZhuSZW23 [933], GokPTGO23 [348], AbreuPNF23 [5], KameugneFND23 [464], EfthymiouY23 [267], TasselGS23 [819], Fatemi-AnarakiTFV23 [294], PovedaAA23 [708], GhandehariK22 [338], ElciOH22 [268], AwadMDMT22 [54], NaderiBZ22a [631], NaderiBZ22 [633], abs-2211-14492 [806], MullerMKP22 [622], OujanaAYB22 [674], OuelletQ22 [673], ColT22 [224], Edis21 [263], ZhangYW21 [925], KlankeBYE21 [479], CauwelaertDS20 [197]... (Total: 170)
Constraints	endBeforeStart	SubulanC22 [803], QinDCS20 [718]	IsikYA23 [445], ZhuSZW23 [933], NaderiRR23 [637], NaderiBZ22a [631], PandeyS21a [681], MengLZB21 [598], LunardiBLRV20 [567], Lunardi20 [568], MengZRZL20 [599], LaborieRSV18 [512], NovaraNH16 [651], Laborie09 [510]	JuvinHL23a [459], JuvinHHL23 [456], YuraszeckMCCR23 [911], JuvinHL23 [458], LacknerMMWW23 [515], AalianPG23 [1], CzerniachowskaWZ23 [222], Teppan22 [822], AwadMDMT22 [54], JuvinHL22 [457], CampeauG22 [178], ZhangJZL22 [923], CilKLO22 [208], YunusogluY22 [908], HamP21 [381], LacknerMMWW21 [514], HamPK21 [382], HubnerGSV21 [440], ZhangYW21 [925], ZouZ20 [936], SacramentoSP20 [752], Ham20a [378], AbidinK20 [3], Polo-MejiaALB20 [705], BenediktMH20 [116], TangB20 [815], SenderovichBB19 [779], UnsalO19 [853], MurinR19 [623]... (Total: 40)
Constraints	geost	BeldiceanuCDP11 [109]	LetortBC12 [526], PembertonG98 [687]	FrankDT16 [307], Letort13 [525], Schutt11 [767], Malapert11 [578], BeldiceanuCP08 [110]
Constraints	noOverlap	IsikYA23 [445], JuvinHHL23 [456], ZhuSZW23 [933], abs-2305-19888 [408], NaderiRR23 [637], PopovicCGNC22 [706], HeinzNVH22 [407], ColT22 [224], VlkHT21 [875], MengLZB21 [598], RoshanaeiN21 [746], Groleaz21 [363], QinDCS20 [718], Lunardi20 [568], LunardiBLRV20 [567], GedikKEK18 [326], MelgarejoLS15 [16]	abs-2306-05747 [820], KimCMLLP23 [476], LacknerMMWW23 [515], TasselGS23 [819], NaderiBZ22a [631], PohlAK22 [703], AwadMDMT22 [54], YuraszeckMPV22 [910], AbreuN22 [233], SvancaraB22 [809], GhandehariK22 [338], KlankeBYE21 [479], Bedhief21 [103], BenderWS21 [114], ZouZ20 [936], Ham20a [378], BenediktMH20 [116], SacramentoSP20 [752], RoshanaeiBAUB20 [743], MengZRZL20 [599], YounespourAKE19 [904], MurinR19 [623], EscobetPQPRA19 [279], Novas19 [652], MalapertN19 [582], abs-1911-04766 [329], LaborieRSV18 [512], Ham18a [377], ZhangW18 [926]... (Total: 42)	BonninMNE24 [154], LuZZYW24 [564], JuvinHL23a [459], AbreuNP23 [234], SquillaciPR23 [800], NaderiBZ23 [634], YuraszeckMC23 [909], AalianPG23 [1], AbreuPNF23 [5], JuvinHL23 [458], CzerniachowskaWZ23 [222], MarliereSPR23 [587], WinterMMW22 [891], Teppan22 [822], NaderiBZ22 [633], YunusogluY22 [908], CampeauG22 [178], OujanaAYB22 [674], ArmstrongGOS22 [39], TouatBT22 [836], EmdeZD22 [274], ZhangJZL22 [923], CilKLO22 [208], JuvinHL22 [457], OrnekOS20 [670], HamP21 [381], HamPK21 [382], AbreuAPNM21 [232], LacknerMMWW21 [514]... (Total: 54)
Constraints	regular expression		WessenCSFPM23 [889], FrimodigS19 [312]	HookerH17 [436], CarlssonJL17 [189], LarsonJC14 [519]
Constraints	span constraint		Groleaz21 [363], CappartS17 [179], LaborieR14 [513], SchuttFS13 [770], Lombardi10 [548], LombardiM10a [552], Darby-DowmanLMZ97 [228]	ZhangBB22 [924], AwadMDMT22 [54], OujanaAYB22 [674], ZouZ20 [936], TangB20 [815], YounespourAKE19 [904], LaborieRSV18 [512], SimoninAHL15 [789], ZhaoL14 [928], SimoninAHL12 [788], SchuttFSW11 [773], GetoorOFC97 [337]
Constraints	table constraint	FalqueALM24 [291], LiuLH18 [541], CarlssonJL17 [189], ReddyFIBKAJ11 [727], LombardiM10a [552], Lombardi10 [548], Baptiste02 [62], PapaB98 [685]	MarliereSPR23 [587], JelinekB16 [450], LombardiMRB10 [558]	PerezGSL23 [690], abs-2312-13682 [691], CilKLO22 [208], ArmstrongGOS21 [38], LiuLH19a [542], CauwelaertLS18 [196], Siala15 [785], GayHS15 [323], PesantRR15 [695], MelgarejoLS15 [16], Siala15a [786], CauwelaertLS15 [195], LimtanyakulS12 [539], BeniniLMR11 [123], BeckFW11 [93], HermenierDL11 [415], LopesCSM10 [559], MouraSCL08 [621], Perron05 [692], GodardLN05 [343], Laborie03 [508], ElkhyariGJ02 [272], WallaceF00 [880], Nuijten94 [657]

7.9 Concept Type Industries

Table 19: Works for Concepts of Type Industries (Total 77 Concepts, 72 Used)

Type	Keyword	High	Medium	Low
Industries	IT industry			SchnellH15 [764]
Industries	aerospace industry			SchildW00 [763]
Industries	agricultural industry	WinterMMW22 [891]		
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], AbidinK20 [3], KonowalenkoMM19 [486], BonfiettiZLM16 [153], SchildW00 [763], Wallace96 [877]
Industries	aviation industry			
Industries	cable industry			ZhuSZW23 [933]
Industries	carpet industry			Schutt11 [767]
Industries	chemical industry		Timpe02 [831]	LaborieRSV18 [512], GilesH16 [340], HarjunkoskiMBC14 [390], LombardiM12 [555], ZeballosNH11 [920], ChenGPSH10 [203], MaraveliasCG04 [585], PoderBS04 [702], HookerO99 [433], Simonis99 [792], Simonis95a [790]
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 [731]
Industries	dairy industry		EscobetPQPRA19 [279], HarjunkoskiMBC14 [390]	Groleaz21 [363]
Industries	dismantling industry			HubnerGSV21 [440]
Industries	drawing industry			Simonis95a [790]
Industries	electricity industry	Froger16 [313]		PopovicCGNC22 [706], 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 [674], GroleazNS20a [364], GroleazNS20 [365], EscobetPQPRA19 [279], HachemiGR11 [376], SimonisCK00 [794], Simonis99 [792], SimonisC95 [795], Simonis95 [791]
Industries	food-processing industry			KlankeBYE21 [479], HauderBRPA20 [394], abs-1902-09244 [393]
Industries	forest industry			ZhaoL14 [928], HachemiGR11 [376]
Industries	forging industry			LuoB22 [570]
Industries	foundry industry			Jans09 [449]
Industries	garment industry			AlakaP23 [22], GuoZ23 [373]
Industries	gas industry			ZarandiASC20 [915], GoelSHFS15 [346]
Industries	glass industry			Lunardi20 [568], LunardiBLRV20 [567], abs-1902-09244 [393]
Industries	heavy industry			CorreaLR07 [220]
Industries	insulation industry			YunusogluY22 [908]
Industries	lumber industry			NattafDYW19 [643]
Industries	manufacturing industry			PrataAN23 [711], LacknerMMWW23 [515], CzerniachowskaWZ23 [222], WinterMMW22 [891], YuraszeckMPV22 [910], LacknerMMWW21 [514], FanXG21 [292], Mercier-AubinGQ20 [602], TangB20 [815], EscobetPQPRA19 [279], GedikKEK18 [326], RoweJCA96 [748]

Table 19: Works for Concepts of Type Industries (Total 77 Concepts, 72 Used)

Type	Keyword	High	Medium	Low
Industries	maritime industry			Astrand21 [50], QinDCS20 [718], SacramentoSP20 [752], SunTB19 [805], ZampelliVSDR13 [913]
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 [828]
Industries	oil industry			AbreuNP23 [234], AbreuAPNM21 [232], HarjunkoskiMBC14 [390], LopesCSM10 [559]
Industries	packaging industry			ArmstrongGOS21 [38]
Industries	painting industry			RiahiNS018 [731]
Industries	paper industry			Dejemeppe16 [238], HarjunkoskiMBC14 [390]
Industries	petro-chemical industry			LaborieRSV18 [512], GilesH16 [340], HarjunkoskiMBC14 [390]
Industries	pharmaceutical industry	AwadMDMT22 [54]		YuraszeckMCCR23 [911], 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 [831]	Nattaf16 [639], BlomPS16 [136], HarjunkoskiMBC14 [390], HeinzSSW12 [404], ZeballosCM10 [917], ChenGPSH10 [203], TanSD10 [813], Jans09 [449], Simonis99 [792], Wallace96 [877]
Industries	processing industry		HauderBRPA20 [394]	KlankeBYE21 [479], abs-1902-09244 [393], GilesH16 [340]
Industries	railway industry			Lemos21 [524], Rodriguez07b [739], Geske05 [336]
Industries	repair industry			BoudreaultSLQ22 [160]
Industries	retail industry			ChapadosJR11 [202]
Industries	semiconductor industry		HamFC17 [380], ZeballosCM10 [917]	PenzDN23 [689], QinWSLS21 [717], NattafDYW19 [643], GrimesH15 [360], BajestaniB15 [59], NovasH12 [654], LombardiMRB10 [558], Lombardi10 [548], KrogtLPHJ07 [860]
Industries	semiprocess industry			ChenGPSH10 [203]
Industries	service industry			GurEA19 [937], DoomsH08 [255]
Industries	ship repair industry			BoudreaultSLQ22 [160]
Industries	shipping industry			LuZZYW24 [564], Astrand21 [50], SacramentoSP20 [752], QinDCS20 [718]
Industries	software industry			BartakS11 [78], Salido10 [758]
Industries	solar cell industry			Novas19 [652]
Industries	steel industry		DavenportKRSH07 [230]	LacknerMMWW23 [515], IsikYA23 [445], KimCMLLP23 [476], OujanaAYB22 [674], LacknerMMWW21 [514], HauderBRPA20 [394], abs-1902-09244 [393], GoldwaserS18 [351], GoldwaserS17 [350], KletzanderM17 [480], HeinzSSW12 [404], SchausHMCMD11 [762], 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 [915], BessiereHMQW14 [127]
Industries	tire industry			Jans09 [449]
Industries	tourism industry			LiuCGM17 [546]
Industries	trade industry			ParkUJR19 [686]
Industries	transportation industry			GoelSHFS15 [346]
Industries	wind industry	Froger16 [313]		

7.10 Concept Type Scheduling

Table 20: Works for Concepts of Type Scheduling (Total 7 Concepts, 7 Used)

Type	Keyword	High	Medium	Low
Scheduling	activity	TardivoDFMP23 [817], GokPTGO23 [348], PovedaAA23 [708], PenzDN23 [689], AalianPG23 [1], MarliereSPR23 [587], CampeauG22 [178], SubulanC22 [803], AwadMDMT22 [54], SvancaraB22 [809], TouatBT22 [836], Godet21a [344], BenderWS21 [114], KlankeBYE21 [479], Astrand21 [50], HubnerGSV21 [440], ZarandiASC20 [915], Polo-MejiaALB20 [705], CauwelaertDS20 [197], HauderBRPA20 [394], AstrandJZ20 [53], BadicaBI20 [55], ZouZ20 [936], ThomasKS20 [829], abs-1902-09244 [393], BhatnagarKL19 [128], GeibingerMM19 [330], abs-1911-04766 [329], UnsalO19 [853]... (Total: 219)	BonninMNE24 [154], YuraszeckMCCR23 [911], Bit-Monnot23 [132], AfsarVPG23 [12], GhandehariK22 [338], PopovicCGNC22 [706], BoudreaultSLQ22 [160], AntunesABD20 [30], GokGSTO20 [347], Lunardi20 [568], LunardiBLRV20 [567], EscobetPQPRA19 [279], YangSS19 [901], Hooker19 [432], Novas19 [652], ShinBBHO18 [784], SchuttS16 [776], BoothNB16 [155], OrnekO16 [669], BoothTNB16 [156], TranWDRFOVB16 [845], QinDS16 [719], VilimLS15 [873], Derrien15 [244], GoelSHFS15 [346], HarjunkoskiMBC14 [390], DoulabiRP14 [259], LaborieR14 [513], LombardiMB13 [557]... (Total: 64)	PrataAN23 [711], GuoZ23 [373], abs-2312-13682 [691], WessenCSFPM23 [889], NaderiBZR23 [632], CzerniachowskaWZ23 [222], SquillaciPR23 [800], abs-2305-19888 [408], FrimodigECM23 [311], JuvinHL23a [459], ShaikhK23 [781], PerezGSL23 [690], abs-2211-14492 [806], PohlAK22 [703], OuelletQ22 [673], MullerMKP22 [622], JuvinHL22 [457], YunusogluY22 [908], HeinzNVH22 [407], HebrardALLCMR22 [396], EtminaniesfahaniGNMS22 [282], CilKLO22 [208], Groleaz21 [363], HillTV21 [418], GeibingerMM21 [331], PandeyS21a [681], Zahout21 [912], Astrand0F21 [51], ZhangYW21 [925]... (Total: 116)
Scheduling	job	PrataAN23 [711], ForbesHJST24 [303], abs-2402-00459 [647], LiLZDZW24 [530], JuvinHHL23 [456], YuraszeckMC23 [909], AfsarVPG23 [12], ZhuSZW23 [933], Mehdizadeh-Somarin23 [592], AbreuNP23 [234], abs-2306-05747 [820], NaderiRR23 [637], TasselGS23 [819], YuraszeckMCCR23 [911], AbreuPNF23 [5], PenzDN23 [689], AlfieriGPS23 [25], LacknerMMWW23 [515], Bit-Monnot23 [132], Fatemi-AnarakiTFV23 [294], IklassovMR023 [444], KimCMLLP23 [476], IsikYA23 [445], WangB23 [882], CzerniachowskaWZ23 [222], JuvinHL23 [458], JuvinHL23a [459], NaderiBZ23 [634], TouatBT22 [836]... (Total: 332)	BonninMNE24 [154], LuZZYW24 [564], ShaikhK23 [781], EfthymiouY23 [267], MarliereSPR23 [587], abs-2305-19888 [408], Adelgren2023 [11], LuoB22 [570], BourreauGGLT22 [162], HeinzNVH22 [407], RoshanaeiN21 [746], Lemos21 [524], HanenKP21 [387], Mercier-AubinGQ20 [602], CarlierPSJ20 [187], MokhtarzadehTNF20 [613], GokGSTO20 [347], RoshanaeiBAUB20 [743], PinarbasiAY19 [699], TanZWGQ19 [814], ArkhipovBL19 [37], EscobetPQPRA19 [279], Tom19 [832], GurEA19 [937], German18 [335], PourDERB18 [707], BukchinR18 [171], NattafAL17 [641], CappartS17 [179]... (Total: 83)	FalqueALM24 [291], NaderiBZR23 [632], GuoZ23 [373], GokPTGO23 [348], PovedaAA23 [708], WessenCSFPM23 [889], PohlAK22 [703], CampeauG22 [178], GhandehariK22 [338], NaqviAIAAA22 [638], Edis21 [263], AntuoriHHEN21 [32], BenderWS21 [114], KlankeBYE21 [479], HubnerGSV21 [440], QinDCS20 [718], AntuoriHHEN20 [31], WessenCS20 [888], AbidinK20 [3], Polo-MejiaALB20 [705], PachecoPR19 [679], SunTB19 [805], FrimodigS19 [312], ShinBBHO18 [784], TangLWSK18 [816], BaptisteB18 [64], HoYCLLCLC18 [420], CauwelaertLS18 [196], TranVNB17 [843]... (Total: 118)
Scheduling	machine	LiLZDZW24 [530], abs-2402-00459 [647], BonninMNE24 [154], PrataAN23 [711], Fatemi-AnarakiTFV23 [294], YuraszeckMCCR23 [911], JuvinHL23a [459], ZhuSZW23 [933], JuvinHHL23 [456], abs-2312-13682 [691], LacknerMMWW23 [515], AlfieriGPS23 [25], AfsarVPG23 [12], KimCMLLP23 [476], IklassovMR023 [444], JuvinHL23 [458], GuoZ23 [373], PerezGSL23 [690], NaderiBZ23 [634], abs-2305-19888 [408], PenzDN23 [689], FrimodigECM23 [311], AalianPG23 [1], AbreuPNF23 [5], IsikYA23 [445], CzerniachowskaWZ23 [222], AbreuNP23 [234], Adelgren2023 [11], NaderiRR23 [637]... (Total: 308)	ForbesHJST24 [303], GurPAE23 [374], Bit-Monnot23 [132], AkramNHRSA23 [19], GokPTGO23 [348], LuoB22 [570], OrnekOS20 [670], EtminaniesfahaniGNMS22 [282], ElciOH22 [268], KlankeBYE21 [479], Lemos21 [524], AbohashimaEG21 [4], HillTV21 [418], HamP21 [381], RoshanaeiN21 [746], Alaka21 [21], CarlierPSJ20 [187], Polo-MejiaALB20 [705], RoshanaeiBAUB20 [743], AntuoriHHEN20 [31], UnsalO19 [853], BehrensLM19 [105], SenderovichBB19 [779], BaptisteB18 [64], BukchinR18 [171], ShinBBHO18 [784], FahimiOQ18 [287], GoldwaserS18 [351], He0GLW18 [395]... (Total: 95)	LuZZYW24 [564], MarliereSPR23 [587], ShaikhK23 [781], AlakaP23 [22], NaderiBZR23 [632], KameugneFND23 [464], MontemanniD23 [617], GhandehariK22 [338], CilKLO22 [208], BoudreaultSLQ22 [160], PopovicCGNC22 [706], SubulanC22 [803], NaqviAIAAA22 [638], PohlAK22 [703], GeibingerMM21 [331], ArtiguesHQT21 [45], Mercier-AubinGQ20 [602], WallaceY20 [879], BarzegaranZP20 [84], WangB20 [881], FachiniA20 [285], AlakaPY19 [23], BadicaBIL19 [56], NishikawaSTT19 [650], ArkhipovBL19 [37], KonowalenkoMM19 [486], YounespourAKE19 [904], YangSS19 [901], NattafHKAL19 [644]... (Total: 174)

Table 20: Works for Concepts of Type Scheduling (Total 7 Concepts, 7 Used)

Type	Keyword	High	Medium	Low
Scheduling	order	PrataAN23 [711], abs-2402-00459 [647], LuZZYW24 [564], LiLZDZW24 [530], BonninMNE24 [154], GokPTGO23 [348], ZhuSZW23 [933], AbreuNP23 [234], Fatemi-AnarakiTFV23 [294], Adelgren2023 [11], abs-2306-05747 [820], PerezGSL23 [690], NaderiBZ23 [634], abs-2312-13682 [691], AalianPG23 [1], AbreuPNF23 [5], MarliereSPR23 [587], YuraszeckMCCR23 [911], GuoZ23 [373], EfthymiouY23 [267], TasselGS23 [819], JuvinHL23 [458], FrimodigECM23 [311], LacknerMMWW23 [515], WessenCSFPM23 [889], IsikYA23 [445], IklassovMR023 [444], PenzDN23 [689], PovedaAA23 [708]... (Total: 537)	FalqueALM24 [291], ForbesHJST24 [303], YuraszeckMC23 [909], GurPAE23 [374], abs-2305-19888 [408], MontemanniD23a [616], NaderiRR23 [637], TardivoDFMP23 [817], NaderiBZR23 [632], ShaikhK23 [781], NaqviAIAAA22 [638], SvancaraB22 [809], ElciOH22 [268], CilKLO22 [208], JungblutK22 [453], ZhangBB22 [924], ArmstrongGOS22 [39], WinterMMW22 [891], GhandehariK22 [338], OrnekOS20 [670], TouatBT22 [836], OuelletQ22 [673], HeinzNVH22 [407], RoshanaeiN21 [746], HillTV21 [418], abs-2102-08778 [217], BenderWS21 [114], GeibingerMM21 [331], Alaka21 [21]... (Total: 145)	Mehdizadeh-Somarin23 [592], AlakaP23 [22], MontemanniD23 [617], BofillCGGPSV23 [141], AkramNHRSA23 [19], ZhangJZL22 [923], BulckG22 [857], JuvinHL22 [457], Tassel22 [818], NaderiBZ22a [631], AbohashimaEG21 [4], MengLZB21 [598], ZhangYW21 [925], MokhtarzadehTNF20 [613], RoshanaeiBAUB20 [743], GalleguillosKSB19 [317], AlakaPY19 [23], abs-1902-01193 [20], BhatnagarKL19 [128], KucukY19 [507], ArbaouiY18 [35], BenediktSMVH18 [117], AgussurjaKL18 [17], He0GLW18 [395], SchnellH17 [765], TranVNB17a [844], Hooker17 [431], KinsellaS0OS16 [477], BridiLBBM16 [167]... (Total: 96)
Scheduling	resource	LuZZYW24 [564], ForbesHJST24 [303], BonninMNE24 [154], PrataAN23 [711], abs-2402-00459 [647], Fatemi-AnarakiTFV23 [294], PovedaAA23 [708], AlakaP23 [22], GuoZ23 [373], NaderiRR23 [637], GokPTGO23 [348], MarliereSPR23 [587], YuraszeckMCCR23 [911], CzerniachowskaWZ23 [222], JuvinHL23a [459], TardivoDFMP23 [817], JuvinHHL23 [456], WessenCSFPM23 [889], ShaikhK23 [781], WangB23 [882], KameugneFND23 [464], NaderiBZ23 [634], abs-2305-19888 [408], AlfieriGPS23 [25], AalianPG23 [1], GurPAE23 [374], AbreuPNF23 [5], AbreuN22 [233], YunusogluY22 [908]... (Total: 511)	FalqueALM24 [291], Adelgren2023 [11], TasselGS23 [819], AbreuNP23 [234], abs-2306-05747 [820], Caballero23 [175], FrimodigECM23 [311], AfsarVPG23 [12], abs-2312-13682 [691], PerezGSL23 [690], IsikYA23 [445], NaderiBZR23 [632], Bit-Monnot23 [132], ElciOH22 [268], PohlAK22 [703], MullerMKP22 [622], SvancaraB22 [809], abs-2211-14492 [806], YuraszeckMPV22 [910], KotaryFH22 [490], WinterMMW22 [891], Edis21 [263], HamP21 [381], KlankeBYE21 [479], Astrand0F21 [51], LunardiBLRV20 [567], WallaceY20 [879], Ham20a [378], AbidinK20 [3]... (Total: 91)	AkramNHRSA23 [19], MontemanniD23 [617], PenzDN23 [689], IklassovMR023 [444], SquillaciPR23 [800], ZhuSZW23 [933], ZhangJZL22 [923], EmdeZD22 [274], Tassel22 [818], Teppan22 [822], JungblutK22 [453], PopovicCGNC22 [706], 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 [829], HoundjiSW19 [438], ColT2019a [223]... (Total: 95)
Scheduling	scheduling	PrataAN23 [711], ForbesHJST24 [303], abs-2402-00459 [647], LiLZDZW24 [530], LuZZYW24 [564], BonninMNE24 [154], ZhuSZW23 [933], IsikYA23 [445], abs-2306-05747 [820], JuvinHHL23 [456], TardivoDFMP23 [817], Fatemi-AnarakiTFV23 [294], Mehdizadeh-Somarin23 [592], KimCMLLP23 [476], FrimodigECM23 [311], LacknerMMWW23 [515], GurPAE23 [374], AlfieriGPS23 [25], WessenCSFPM23 [889], IklassovMR023 [444], WangB23 [882], Bit-Monnot23 [132], abs-2305-19888 [408], abs-2312-13682 [691], PerezGSL23 [690], NaderiBZ23 [634], AlakaP23 [22], GuoZ23 [373], KameugneFND23 [464]... (Total: 753)	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 [697], GomesHS06 [354], HebrardTW05 [398], MoffittPP05 [612], WuBB05 [899], DilkinaDH05 [248], ValleMGT03 [856], Vilim03 [865], ElfJR03 [269], HookerY02 [437], BenoistGR02 [124], Vilim02 [864], RodriguezDG02 [740]... (Total: 34)	Hooker17 [431], TopaloglusS12 [834], AchterbergBKW08 [8], RossiTHP07 [747], CambazardJ05 [177], AbrilSB05 [6], WolfS05a [895], Hooker05b [426], VanczaM01 [862], LeeKLKKYHP97 [523], Davis87 [231]

Table 20: Works for Concepts of Type Scheduling (Total 7 Concepts, 7 Used)

Type	Keyword	High	Medium	Low
Scheduling	task	PrataAN23 [711], FalqueALM24 [291], BonninMNE24 [154], LuZZYW24 [564], ForbesHJST24 [303], abs-2402-00459 [647], JuvinHHL23 [456], YuraszeckMCCR23 [911], AfsarVPG23 [12], KameugneFND23 [464], GokPTGO23 [348], AkramNHRSA23 [19], CzerniachowskaWZ23 [222], Adelgren2023 [11], AlakaP23 [22], WangB23 [882], PovedaAA23 [708], JuvinHL23 [458], Fatemi-AnarakiTFV23 [294], abs-2305-19888 [408], WessenCSFPM23 [889], LiFJZLL22 [531], OuelletQ22 [673], HeinzNVH22 [407], ColT22 [224], AwadMDMT22 [54], ElciOH22 [268], KotaryFH22 [490], NaderiBZ22a [631]... (Total: 340)	JuvinHL23a [459], IklassovMR023 [444], MontemanniD23a [616], Bit-Monnot23 [132], IsikYA23 [445], SquillaciPR23 [800], FrimodigECM23 [311], NaderiBZR23 [632], MontemanniD23 [617], LacknerMMWW23 [515], ShaikhK23 [781], WinterMMW22 [891], PopovicCGNC22 [706], AbreuN22 [233], MengGRZSC22 [597], FarsiTM22 [293], OujanaAYB22 [674], Tassel22 [818], YuraszeckMPV22 [910], MullerMKP22 [622], SvancaraB22 [809], HubnerGSV21 [440], BenderWS21 [114], GeibingerMM21 [331], BadicaBI20 [55], BarzegaranZP20 [84], WallaceY20 [879], ZouZ20 [936], Polo-MejiaALB20 [705]... (Total: 99)	LiLZDZW24 [530], BofillCGGPSV23 [141], ZhuSZW23 [933], TardivoDFMP23 [817], PerezGSL23 [690], GuoZ23 [373], abs-2306-05747 [820], MarliereSPR23 [587], NaderiRR23 [637], TasselGS23 [819], EfthymiouY23 [267], abs-2312-13682 [691], Mehdizadeh-Somarin23 [592], GhandehariK22 [338], ZhangBB22 [924], Teppan22 [822], NaqviAIAAA22 [638], ZhangJZL22 [923], EmdeZD22 [274], ArmstrongGOS22 [39], abs-2102-08778 [217], ZhangYW21 [925], FanXG21 [292], HamPK21 [382], AntuoriHHEN21 [32], MengLZB21 [598], AbreuAPNM21 [232], LacknerMMWW21 [514], AstrandJZ20 [53]... (Total: 155)

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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 21: 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	[663]
VillaverdeP04	VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	2004	ISCA 2004	[874]
TsurutaS00	TsurutaS00	T. Tsuruta, T. Shintani	Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm	2000	ECAI 2000	[851]
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	[756]
BoucherB-VBL97	BoucherB-VBL97	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	[683]
Schaerf96	Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	1996	ECAI 1996	[759]
StidsenKM96	StidsenKM96	T. R. Stidsen, L. V. Kragelund, O. Mateescu	Jobshop Scheduling in a Shipyard	1996	ECAI 1996	[801]
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	[735]
Wallace94	Wallace94	M. G. Wallace	Applying Constraints for Scheduling	1994	Constraint Programming 1994	[876]
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	[902]

Table 22: 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 22: 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	[854]
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	[783]
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	[715]
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	[722]
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	[716]
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]
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	[884]
RoshanaeiLAU17a	RoshanaeiLAU17a	V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach	Collaborative Operating Room Planning and Scheduling	2017	INFORMS Journal on Computing	[744]
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]
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]
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]
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.	[668]
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]

Table 22: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
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]
YunG02	YunG02	Y.-S. Yun, M. Gen	Advanced scheduling problem using constraint programming techniques in SCM environment	2002	Computers Industrial Engineering	[906]
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]
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]
PeschT96	PeschT96	E. Pesch, U. A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	1996	INFORMS Journal on Computing	[696]
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.	[821]
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	[712]

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 23: 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 24: 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 25: Works that might be Irrelevant (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
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	[784]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9 9 12	31 39	1640	1767
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	1487	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 25: Works that might be Irrelevant (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
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	1512	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	1491	1783
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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
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	[761]	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	3192	n/a
Refalo00 Refalo00	P. Refalo	Linear Formulation of Constraint Programming Models and Hybrid Solvers	Yes	[728]	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	1400	1800
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	[797]	1996	Constraints An Int. J.	20	56 57 61	4 9	1645	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
Schreuder92 Schreuder92	J. A. M. Schreuder	Combinatorial aspects of construction of competition Dutch Professional Football Leagues	Yes	[766]	1992	Discrete Applied Mathematics	12	69 70 81	11 17	1636	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	[855]	1987	AAAI 1987	5	0 0 0	0 0	832	n/a
Rit86 Rit86	J.-F. Rit	Propagating Temporal Constraints for Scheduling	Yes	[734]	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 26: Features of Works that might be Irrelevant

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ShinBBHO18 [784]	16		physician, nurse, patient, medical	github, real-world				transportation, preempt, stochastic, inventory			order, job, scheduling, task, machine, resource, activity	1116	1767
HebrardHJMPV16 [397]	10		satellite, earth observation	industrial partner			parallel machine	online scheduling, cmax, make-span, distributed, completion-time	cumulative		scheduling, order, machine, job, resource, task	1139	n/a
LuoVLBM16 [569]	4	time-tabling	nurse					job-shop, explanation, precedence			resource, order, activity, scheduling, task, job, machine	132	n/a
LouieVNB14 [562]	7		patient, robot			OPL		periodic	cycle		resource, activity, order, job, scheduling, task, machine	176	n/a
LudwigKRBMS14 [566]	6	sweep	automotive, robot	real-world	propagation	OZ		precedence, transportation, periodic	cycle		task, scheduling, resource, order	177	n/a
KameugneF13 [465]	21	not-first						release-date	cumulative		order, task	1177	n/a
HeinzSSW12 [404]	12	large neighborhood search, column generation	steel mill	CSPlib, real-world	constraint programming, constraint satisfaction, CP	Cplex		explanation, inventory	bin-packing	steel industry, process industry	order, task	1186	1783
SchausHMCMD11 [762]	23	meta heuristic, large neighborhood search	steel mill	CSPlib, generated instance, benchmark	CP, CSP, constraint optimization, constraint programming, propagation, constraint logic programming		SCC	stochastic, periodic, Infeasible	Element constraint, Cardinality constraint, bin-packing, GCC constraint	steel industry	task, order	1214	1789
AronssonBK09 [41]	13	sweep	railway	real-world, real-life	CLP, propagation, CP, constraint programming	Cplex, CHIP		job-shop, transportation	cumulative		job, order, task	239	n/a

Table 26: Features of Works that might be Irrelevant

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HentenryckM08 [412]	5	large neighborhood search	steel mill	CSPlib	CSP, CP, constraint programming				bin-packing		order	260	n/a
SchausD08 [761]	6	large neighborhood search		real-life, benchmark	CSP, CP, propagation, constraint programming	Ilog Solver, OPL		preempt, precedence, preemptive	IloPack, bin-packing, cycle, Reified constraint, Element constraint		order, task	266	n/a
DoRZ08 [253]	5		robot	real-world, industrial partner	propagation			order scheduling, distributed, stochastic, make-span			resource, job, scheduling, machine, order	258	n/a
GarganiR07 [319]	13	large neighborhood search, column generation	steel mill	real-life, CSPlib	propagation, CP, constraint programming, CSP	OPL		inventory	Element constraint, bin-packing, Channeling constraint	steel industry	machine, resource, order	273	n/a
ElhouraniDM07 [270]	6				constraint optimization, constraint satisfaction, COP	OPL		multi-agent, distributed, buffer-capacity	cycle		task	272	n/a
LiuJ06 [547]	5				propagation			make-span, multi-objective	disjunctive, Disjunctive constraint, cycle		task, order, resource, scheduling	289	n/a
MaraveliasG04 [586]	20					OZ						334	n/a
FrankK03 [308]	10		astronomy, airport, aircraft, telescope	benchmark				stochastic			order, scheduling	345	n/a
Layfield02 [522]	230				CP	OPL, OZ, Z3						3174	n/a
Refalo00 [728]	15	quadratic programming	hoist		constraint programming, constraint satisfaction, propagation, CP, CLP	CHIP, Ilog Solver, Cplex		transportation	Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit		order	375	n/a

Table 26: Features of Works that might be Irrelevant

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BensanaLV99 [125]	7		satellite, earth observation	benchmark	constraint satisfaction, constraint programming, CP, CSP, constraint optimization	Ilog Solver, Cplex		explanation	cycle		order	1319	1800
SmithBHW96 [797]	20			real-life	constraint satisfaction, propagation, constraint programming, CSP, CLP, constraint logic programming	OPL, Ilog Solver		Infeasible			resource, order, task	1340	n/a
CrawfordB94 [221]	6		operating room		propagation			job-shop, distributed, Over-constrained			order, machine, scheduling, resource, job, task	423	n/a
Schreuder92 [766]	12	column generation, neural network, simulated annealing, time-tabling	railway	real-world		OPL		stochastic			job, machine, order, resource, scheduling	1347	n/a
Hamscher91 [386]	6				propagation, CP		TMS	inventory			machine, order	436	n/a
Valdes87 [855]	5				constraint satisfaction, propagation			precedence, Unsatisfiable	circuit, disjunctive, cycle		order, task	443	n/a
Rit86 [734]	6				propagation			precedence, job-shop	Disjunctive constraint, disjunctive		activity, scheduling, resource, job, order, task	444	n/a
FoxAS82 [305]	4		robot					distributed, precedence, job-shop, due-date, re-scheduling, tardiness			job, order, scheduling, machine, task, resource	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 27: 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
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	3192	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	1512	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
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
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	1449	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
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
Touraivane95 Touraivane95	Touraïvane	Constraint Programming and Industrial Applications	Yes	[837]	1995	CP 1995	3	2 0 1	1 0	825	n/a
ZhuS02 ZhuS02	K. Q. Zhu, A. E. Santosa	A Meeting Scheduling System Based on Open Constraint Programming	Yes	[932]	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
Valdes87 Valdes87	R. E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[855]	1987	AAAI 1987	5	0 0 0	0 0	832	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
ZhangLS12 ZhangLS12	X. Zhang, Z. Lv, X. Song	Model and Solution for Hot Strip Rolling Scheduling Problem Based on Constraint Programming Method	Yes	[927]	2012	CIT 2012	4	1 1 1	3 9	867	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	[720]	2006	SoC 2006	4	2 2 5	5 14	773	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
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 28: Features of Works with Low Feature Count

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MaraveliasG04 [586]	20					OZ						334	n/a
Layfield02 [522]	230				CP	OPL, OZ, Z3						3174	n/a
KameugneF13 [465]	21	not-first						release-date	cumulative		order, task	1177	n/a
Hamscher91 [386]	6				propagation, CP		TMS	inventory			machine, order	436	n/a
FeldmanG89 [296]	7				constraint satisfaction, propagation, CSP			Infeasible			scheduling, order	440	n/a
FalaschiGMP97 [289]	27				constraint programming, constraint logic programming, CLP			Unsatisfiable	Arithmetic constraint		scheduling, order	1332	n/a
HentenryckM08 [412]	5	large neighborhood search	steel mill	CSPlib	CSP, CP, constraint programming				bin-packing		order	260	n/a
FrankK03 [308]	10		astronomy, airport, aircraft, telescope	benchmark				stochastic			order, scheduling	345	n/a
Kumar03 [505]	15	max-flow, bi-partite matching			CP			producer/consumer	cycle		order, scheduling, activity, resource	346	n/a
AngelsmarkJ00 [28]	5				propagation, constraint satisfaction, CP			job-shop			resource, job, order, task, scheduling	371	n/a
Touraivane95 [837]	3		crew-scheduling	real-life	CLP, CP, constraint logic programming, constraint programming						scheduling, order, task	422	n/a
ZhuS02 [932]	5		meeting scheduling		CLP, constraint programming, constraint logic programming, CP			distributed			activity, resource, scheduling	365	n/a
Hunsberger08 [441]	5			real-world	CP, propagation			distributed, multi-agent	cycle		order, task, scheduling	261	n/a
Valdes87 [855]	5				constraint satisfaction, propagation			precedence, Unsatisfiable	circuit, disjunctive, cycle		order, task	443	n/a

Table 28: Features of Works with Low Feature Count

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ElhouraniDM07 [270]	6				constraint optimization, constraint satisfaction, COP	OPL		multi-agent, distributed, buffer-capacity	cycle		task	272	n/a
ZhangLS12 [927]	4	ant colony, time-tabling			CP, propagation, constraint programming, CSP, constraint satisfaction			cmax			order, scheduling	206	n/a
QuSN06 [720]	4				CSP, constraint programming, CP	SICStus		precedence, distributed	circuit		scheduling, task, resource	290	n/a
LiuJ06 [547]	5				propagation			make-span, multi-objective	disjunctive, Disjunctive constraint, cycle		task, order, resource, scheduling	289	n/a
HebrardALL-CMR22 [396]	7	sweep	round-robin, deep space		CP	Claire		Unsatisfiable	cumulative		order, scheduling, activity	24	n/a
DincbasS91 [251]	13		airport, aircraft		constraint programming, constraint logic programming	CHIP		re-scheduling, online scheduling			resource, scheduling, task	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 29: Unmatched Concepts

Type	Name	CaseSensitive	Revision
Industries	PCB industry		0
Industries	leisure industry		0
Industries	metalworking industry		0
Industries	nuclear industry		0
Industries	steel making industry		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
ApplicationAreas	ship building		0
Algorithms	large language model		0

D Works by Author

D.1 58 Works by J. Christopher Beck

Table 30: 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	[924]	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	[743]	2020	International Journal of Production Economics	19	24 29 29	43 56	1622	n/a
TangB20 TangB20	T. Y. Tang, J. C. Beck	CP and Hybrid Models for Two-Stage Batching and Scheduling	Yes	[815]	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	[779]	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	[841]	2018	Journal of Scheduling	17	8 9 9	26 29	1661	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	[843]	2017	J. Artif. Intell. Res.	68	12 12 21	0 0	1662	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	[844]	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	1409	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	1525	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	[838]	2016	INFORMS Journal on Computing	13	72 75 80	28 36	1660	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	[840]	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	[845]	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	1376	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	[824]	2014	J. Artif. Intell. Res.	38	12 13 17	0 0	1654	n/a

Table 30: 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	1375	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	1490	1779
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	[842]	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	[823]	2012	Computers Industrial Engineering	15	8 9 16	48 59	1653	n/a
TranB12 TranB12	T. T. Tran, J. C. Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[839]	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	1390	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	1488	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	1521	1787
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	1401	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	1419	n/a
WuBB09 WuBB09	C. W. Wu, K. N. Brown, J. C. Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[900]	2009	Computers Operations Research	9	42 42 48	5 16	1676	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	1520	n/a
WatsonB08 WatsonB08	J.-P. Watson, J. C. Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[886]	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	1385	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	1392	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 30: 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	[899]	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	1391	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	1387	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	1388	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	3179	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	1386	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	1389	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 31: 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	1410	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	1413	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	1408	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	1541	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	1539	1785
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	1540	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	1399	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	1538	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	1542	n/a

Table 31: 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	1565	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	[749]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9 9 7	27 37	1625	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	1564	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	1411	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	1532	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 32: 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	1410	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	1423	1763
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	1413	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	1408	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	1541	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	1539	1785
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	1540	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	1399	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	3195	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	1538	n/a

Table 32: 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	1542	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	[861]	2007	AAAI 2007	6	0 0 0	0 0	639	n/a

D.4 27 Works by Andreas Schutt

Table 33: 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	[901]	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	1465	1765
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	1524	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	1523	1769
YoungFS17 YoungFS17	K. D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[905]	2017	CP 2017	10	6 8 13	21 28	862	942
SchuttS16 SchuttS16	A. Schutt, P. J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[776]	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	[810]	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	1446	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	[775]	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	[828]	2014	J. Heuristics	34	19 20 19	18 24	1655	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	[770]	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	[769]	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	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, P. J. Stuckey, M. G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[768]	2012	CPAIOR 2012	17	18 19 24	21 25	789	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[767]	2011	University of Melbourne, Australia	209	0 0 0	0 0	3202	n/a

Table 33: 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	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790
SchuttW10 SchuttW10	A. Schutt, A. Wolf	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints	Yes	[777]	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	[772]	2010	CoRR	37	0 0 0	0 0	1697	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	[771]	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	[778]	2005	INAP 2005	15	6 6 9	4 11	795	n/a

D.5 25 Works by John N. Hooker

Table 34: 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	1440	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	3232	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	1498	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	1426	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	1485	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	1428	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	1497	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	1496	1793
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	1495	1794
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	1499	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	1501	n/a

Table 34: 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	1500	n/a

D.6 25 Works by Peter J. Stuckey

Table 35: 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	[901]	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	1524	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	1523	1769
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	1404	n/a
SchuttS16 SchuttS16	A. Schutt, P. J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[776]	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	[775]	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	1403	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	[770]	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	[769]	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	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
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	[768]	2012	CPAIOR 2012	17	18 19 24	21 25	789	n/a

Table 35: 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	1377	n/a
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Explaining the cumulative propagator	Yes	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790
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	[772]	2010	CoRR	37	0 0 0	0 0	1697	n/a
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, P. J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[667]	2009	Constraints An Int. J.	35	127 128 198	15 35	1590	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	[771]	2009	CP 2009	16	34 34 44	11 18	792	n/a

D.7 22 Works by Mark G. Wallace

Table 36: 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	[879]	2020	Constraints An Int. J.	19	5 6 5	18 23	1671	1756
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	[775]	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	[828]	2014	J. Heuristics	34	19 20 19	18 24	1655	n/a
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
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	[768]	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	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790
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	[772]	2010	CoRR	37	0 0 0	0 0	1697	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	1565	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	[771]	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	1564	n/a
Wallace06 Wallace06	M. G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[878]	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	[757]	2000	Constraints An Int. J.	30	73 0 105	0 0	1630	1798
RodosekWH99 RodosekWH99	R. Rodosek, M. G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	Yes	[737]	1999	Annals of Operations Research	25	53 0 67	0 0	1618	n/a
RodosekW98 RodosekW98	R. Rodosek, M. G. Wallace	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems	Yes	[736]	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	[756]	1998	ECAI 1998	5	0 0 0	0 0	No	n/a
Wallace96 Wallace96	M. G. Wallace	Practical Applications of Constraint Programming	Yes	[877]	1996	Constraints An Int. J.	30	87 89 138	55 143	1670	1805
Wallace94 Wallace94	M. G. Wallace	Applying Constraints for Scheduling	No	[876]	1994	Constraint Programming 1994	19	0 0 0	0 0	No	n/a

D.8 21 Works by Pierre Lopez

Table 37: 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	1510	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	1509	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	[705]	2020	International Journal of Production Research	18	8 10 11	23 36	1607	1754
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	1581	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	1578	1770
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	1579	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	1577	1774
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[789]	2015	Constraints An Int. J.	23	4 4 6	5 8	1642	1777
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	1369	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	1370	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	[788]	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	[849]	2011	Computers Industrial Engineering	7	11 13 12	17 32	1664	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 37: 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	1544	n/a
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[835]	2000	European Journal of Operational Research	12	26 26 26	13 27	1659	n/a

D.9 19 Works by Christian Artigues

Table 38: 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	[708]	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	[703]	2022	European Journal of Operational Research	16	4 4 4	31 44	1606	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	[705]	2020	International Journal of Production Research	18	8 10 11	23 36	1607	1754
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	1581	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	1578	1770
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	1579	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	1577	1774
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[787]	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	[789]	2015	Constraints An Int. J.	23	4 4 6	5 8	1642	1777
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	1369	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	1370	n/a
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[788]	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	1368	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	[661]	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	1435	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 38: 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	1371	n/a

D.10 17 Works by Emmanuel Hebrard

Table 39: 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	1487	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	1468	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[787]	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	[789]	2015	Constraints An Int. J.	23	4 4 6	5 8	1642	1777
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	[788]	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 40: 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	1366	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	3233	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	1469	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	[796]	2011	CSCLP 2011	14	3 3 7	9 10	804	n/a
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[793]	2007	Constraints An Int. J.	30	10 11 19	17 74	1643	1792
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[794]	2000	IEEE Intell. Syst.	7	11 11 6	5 14	1644	n/a
Simonis99 Simonis99	H. Simonis	Building Industrial Applications with Constraint Programming	Yes	[792]	1999	CCL'99 1999	39	5 5 0	18 63	802	n/a
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[791]	1995	CP 1995	4	7 7 13	3 7	800	n/a
Simonis95a Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[790]	1995	CONTESSA 1995	21	1 1 0	12 30	801	n/a
SimonisC95 SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[795]	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	1436	n/a

D.12 16 Works by Luca Benini

Table 41: 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	1410	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	1413	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	1408	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	1541	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	1399	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	1542	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	[749]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9 9 7	27 37	1625	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 42: 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	1422	1747
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[829]	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	1502	1758
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	1423	1763
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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[761]	2008	AAAI 2008	6	0 0 0	0 0	788	n/a

D.14 15 Works by Nicolas Beldiceanu

Table 43: 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	1533	1773
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	1396	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	[701]	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	[702]	2004	European Journal of Operational Research	16	7 7 10	8 18	1605	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	1395	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	1359	n/a

D.15 15 Works by Mats Carlsson

Table 44: 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	1456	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	[889]	2023	Constraints An Int. J.	34	0 0 0	38 50	1674	1727
WessenCS20 WessenCS20	J. Wessén, M. Carlsson, C. Schulte	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Yes	[888]	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	Yes	[189]	2017	European Journal of Operational Research	11	10 11 12	14 42	1421	1768
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	1533	1773
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	1396	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 45: 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	1547	1751
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	1530	1766
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	[873]	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	1529	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	1401	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	[661]	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	1528	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 46: 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	1378	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	[661]	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	3178	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	1379	1796
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	1380	n/a
PapaB98 PapaB98	C. L. Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[685]	1998	Constraints An Int. J.	25	14 0 19	0 0	1598	1802
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	[684]	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	[683]	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 47: 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	1446	n/a
PacinoH11 PacinoH11	D. Pacino, P. V. Hentenryck	Large Neighborhood Search and Adaptive Randomized Decompositions for Flexible Jobshop Scheduling	Yes	[680]	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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
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	1562	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	1561	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	1436	n/a

D.19 13 Works by Nysret Musliu

Table 48: 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	1531	1721
WinterMMW22 WinterMMW22	F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Yes	[891]	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	1701	1762
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 49: 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	1379	1796
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	1380	n/a
NuijtenP98 NuijtenP98	W. Nuijten, C. L. Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[660]	1998	J. Heuristics	16	42 0 50	0 0	1589	n/a
PapaB98 PapaB98	C. L. Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[685]	1998	Constraints An Int. J.	25	14 0 19	0 0	1598	1802
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	[684]	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	[683]	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	[682]	1994	Intelligent Systems Engineering	34	98 98 103	0 53	1599	n/a

D.21 11 Works by Roman Barták

Table 50: 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	[809]	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	1382	1786
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	1381	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	1384	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	[872]	2005	Constraints An Int. J.	23	21 21 32	5 16	1668	1795
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[871]	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 51: 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	1387	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	1388	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	1386	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	1389	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	[753]	1996	Artificial Intelligence	41	95 97 131	17 56	1628	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 52: 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	1438	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	[695]	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	1548	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	Yes	[581]	2012	European Journal of Operational Research	13	43 44 50	24 41	1549	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	1475	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	1431	n/a

D.24 11 Works by Tony T. Tran

Table 53: 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	[841]	2018	Journal of Scheduling	17	8 9 9	26 29	1661	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	[843]	2017	J. Artif. Intell. Res.	68	12 12 21	0 0	1662	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	[844]	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	1409	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	[838]	2016	INFORMS Journal on Computing	13	72 75 80	28 36	1660	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	[840]	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	[845]	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	[824]	2014	J. Artif. Intell. Res.	38	12 13 17	0 0	1654	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	[842]	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	[839]	2012	ECAI 2012	6	0 0 30	0 0	826	n/a

D.25 11 Works by Petr Vilím

Table 54: 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	1530	1766
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[873]	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	[870]	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	[868]	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	[869]	2009	CPAIOR 2009	15	13 13 18	4 7	841	n/a
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[867]	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	[872]	2005	Constraints An Int. J.	23	21 21 32	5 16	1668	1795
Vilim04 Vilim04	P. Vilím	O(n log n) Filtering Algorithms for Unary Resource Constraint	Yes	[866]	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	[871]	2004	CP 2004	15	13 12 17	4 11	843	n/a
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[865]	2003	CP 2003	1	1 1 1	1 4	837	n/a
Vilim02 Vilim02	P. Vilím	Batch Processing with Sequence Dependent Setup Times	Yes	[864]	2002	CP 2002	1	6 5 1	1 3	836	n/a

D.26 10 Works by Alessio Bonfietti

Table 55: 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	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
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	1408	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 56: 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	[689]	2023	Computers Operations Research	13	0 3 1	34 36	1601	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	1580	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	1581	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	1578	1770
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	3200	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	1579	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	1577	1774

D.28 10 Works by Wim Nuijten

Table 57: Works by Wim Nuijten (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
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	[799]	2000	INFORMS Journal on Computing	12	7 7 8	14 23	1646	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	1380	n/a
NuijtenP98 NuijtenP98	W. Nuijten, C. L. Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[660]	1998	J. Heuristics	16	42 0 50	0 0	1589	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. H. L. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[659]	1996	European Journal of Operational Research	16	65 65 90	6 21	1588	n/a
Nuijten94 Nuijten94	W. Nuijten	Time and Resource Constrained Scheduling: a Constraint Satisfaction Approach	Yes	[657]	1994	Eindhoven University of Technology	172	0 0 0	0 0	3201	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[658]	1994	ECAI 1994	5	0 0 0	0 0	747	n/a

D.29 10 Works by Angelo Oddi

Table 58: 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	[665]	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	[664]	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	[663]	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	[704]	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	[662]	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	[666]	1997	AAAI 1997	7	0 0 0	0 0	751	n/a

D.30 10 Works by Claude-Guy Quimper

Table 59: 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	[673]	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	1448	1764
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 ^2 n) Checker and O(n^2 \log n) Filtering Algorithm for the Energetic Reasoning	Yes	[672]	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	[671]	2013	CP 2013	16	12 12 18	14 16	752	n/a

D.31 9 Works by Narendra Jussien

Table 60: 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	1548	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	1494	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	1508	n/a

D.32 9 Works by Armin Wolf

Table 61: 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	[894]	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	[777]	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	[897]	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	[778]	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	[893]	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	[896]	2005	INAP 2005	14	6 7 12	6 10	857	n/a
WolfS05a WolfS05a	A. Wolf, H. Schlenker	Realising the Alternative Resources Constraint	Yes	[895]	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	[892]	2003	CP 2003	15	11 11 10	7 13	853	n/a

D.33 9 Works by Cemalettin Öztürk

Table 62: 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	1463	1717
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[670]	2022	Operational Research	29	0 0 0	0 0	1592	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	1366	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	[669]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0 0 0	0 0	1591	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[678]	2015	Journal of Manufacturing Systems	12	27 28 31	17 32	1596	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[677]	2013	Constraints An Int. J.	36	31 31 34	44 62	1595	1781
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	[676]	2010	Electronic Notes in Discrete Mathematics	8	15 15 17	1 3	1593	n/a

D.34 8 Works by Amedeo Cesta

Table 63: 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	[665]	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	[664]	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	[663]	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	[662]	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 64: 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	[905]	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	[775]	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	[770]	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	[769]	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	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Explaining the cumulative propagator	Yes	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790
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	[772]	2010	CoRR	37	0 0 0	0 0	1697	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	[771]	2009	CP 2009	16	34 34 44	11 18	792	n/a

D.36 8 Works by Gabriela P. Henning

Table 65: 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	1583	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	1587	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	1586	n/a
ZeballosNH11 ZeballosNH11	L. J. Zeballos, J. M. Novas, G. P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[920]	2011	Computers Chemical Engineering	17	26 26 28	29 39	1687	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	1585	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	[921]	2010	Eng. Appl. Artif. Intell.	20	33 33 43	28 41	1688	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	[721]	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	[918]	2005	Inteligencia Artif.	10	0 0 0	0 0	1685	n/a

D.37 8 Works by Roger Kameugne

Table 66: 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	[829]	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	1511	1772
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	3191	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	1513	1778
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	1512	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 67: 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	1548	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	Yes	[581]	2012	European Journal of Operational Research	13	43 44 50	24 41	1549	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	3197	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 68: 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	1573	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	1574	1724
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	1575	1725
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	1571	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	1572	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	[746]	2021	European Journal of Operational Research	14	15 15 15	44 51	1624	n/a

D.40 8 Works by Barry O'Sullivan

Table 69: 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	1366	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	3233	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	1469	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 70: 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	1570	1738
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	1437	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	1402	n/a
PeschT96 PeschT96	E. Pesch, U. A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[696]	1996	INFORMS Journal on Computing	14	22 23 17	0 0	No	n/a

D.42 8 Works by Vahid Roshanaei

Table 71: 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	1574	1724
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	1575	1725
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	[746]	2021	European Journal of Operational Research	14	15 15 15	44 51	1624	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	[743]	2020	International Journal of Production Economics	19	24 29 29	43 56	1622	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	[745]	2017	European Journal of Operational Research	17	61 66 65	46 53	1623	n/a
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[744]	2017	INFORMS Journal on Computing	23	54 55 55	42 47	No	n/a

D.43 8 Works by Stephen F. Smith

Table 72: 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	[665]	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	[704]	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	[666]	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	[798]	1993	AAAI 1993	6	0 0 0	0 0	805	n/a

D.44 7 Works by Andrew J. Davenport

Table 73: 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	[668]	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	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.45 7 Works by Diarmuid Grimes

Table 74: 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	1366	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	1468	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	1469	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 75: 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	1485	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	1551	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	1483	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	1505	n/a
PintoG97 PintoG97	J. M. Pinto, I. E. Grossmann	A logic-based approach to scheduling problems with resource constraints	Yes	[700]	1997	Computers Chemical Engineering	18	56 56 60	12 24	1604	n/a

D.47 7 Works by Zdenek Hanzálek

Table 76: 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	1704	1729
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	1489	1737
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[875]	2021	Computers Industrial Engineering	14	7 18 20	22 36	1669	1745
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	1398	1746
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	1514	n/a

D.48 7 Works by András Kovács

Table 77: 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	1521	1787
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	1522	1788
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	1520	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 78: 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	1438	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	[695]	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	[694]	1999	European Journal of Operational Research	11	26 28 32	18 24	1602	n/a

D.50 7 Works by Luis J. Zeballos

Table 79: 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	[920]	2011	Computers Chemical Engineering	17	26 26 28	29 39	1687	n/a
Zeballos10 Zeballos10	L. J. Zeballos	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems	Yes	[916]	2010	Robotics and Computer-Integrated Manufacturing	19	41 42 51	16 23	1683	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	[917]	2010	Industrial Engineering Chemistry Research	11	22 23 29	30 39	1684	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	[921]	2010	Eng. Appl. Artif. Intell.	20	33 33 43	28 41	1688	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	Yes	[919]	2009	Industrial Engineering Chemistry Research	13	7 7 7	14 23	1686	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	[721]	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	[918]	2005	Inteligencia Artif.	10	0 0 0	0 0	1685	n/a

D.51 6 Works by Hadrien Cambazard

Table 80: 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	1548	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	1494	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 81: 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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
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	[761]	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 82: 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	[840]	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	[845]	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	[727]	2011	ACM Trans. Intell. Syst. Technol.	24	3 3 11	8 22	1615	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 83: 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	1481	1742
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	1482	1743
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	1478	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	1477	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	1480	n/a

D.55 6 Works by Stefan Heinz

Table 84: 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	1490	1779
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	1491	1783
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 85: 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	1464	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[678]	2015	Journal of Manufacturing Systems	12	27 28 31	17 32	1596	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[677]	2013	Constraints An Int. J.	36	31 31 34	44 62	1595	1781
OzturkTHO12 OzturkTHO12	C. 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	[675]	2012	IFAC Proceedings Volumes	6	5 4 5	5 10	1594	n/a
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	[676]	2010	Electronic Notes in Discrete Mathematics	8	15 15 17	1 3	1593	n/a
RossiTHP07 RossiTHP07	R. Rossi, A. Tarim, B. Hnich, S. D. Prestwich	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost	Yes	[747]	2007	CPAIOR 2007	15	6 6 9	10 17	784	n/a

D.57 6 Works by Juan M. Novas

Table 86: 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	1584	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	1583	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	1587	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	1586	n/a
ZeballosNH11 ZeballosNH11	L. J. Zeballos, J. M. Novas, G. P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[920]	2011	Computers Chemical Engineering	17	26 26 28	29 39	1687	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	1585	n/a

D.58 6 Works by Emmanuel Poder

Table 87: 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	1396	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[697]	2009	CoRR	12	0 0 0	0 0	1696	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	[701]	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	[702]	2004	European Journal of Operational Research	16	7 7 10	8 18	1605	n/a

D.59 6 Works by Michael A. Trick

Table 88: 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	[848]	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	[726]	2009	Annals of Operations Research	15	8 9 9	15 25	1614	n/a
RasmussenT07 RasmussenT07	R. V. Rasmussen, M. A. Trick	A Benders approach for the constrained minimum break problem	Yes	[725]	2007	European Journal of Operational Research	16	60 62 71	16 27	1613	n/a
RasmussenT06 RasmussenT06	R. V. Rasmussen, M. A. Trick	The Timetable Constrained Distance Minimization Problem	Yes	[724]	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	[847]	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 89: 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	[670]	2022	Operational Research	29	0 0 0	0 0	1592	n/a
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[669]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0 0 0	0 0	1591	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[678]	2015	Journal of Manufacturing Systems	12	27 28 31	17 32	1596	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[677]	2013	Constraints An Int. J.	36	31 31 34	44 62	1595	1781
OzturkTHO12 OzturkTHO12	C. 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	[675]	2012	IFAC Proceedings Volumes	6	5 4 5	5 10	1594	n/a
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	[676]	2010	Electronic Notes in Discrete Mathematics	8	15 15 17	1 3	1593	n/a

D.61 5 Works by Hacı Mehmet Alakaş

Table 90: 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	1362	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	1361	n/a
PinarbasiA20 PinarbasiA20	M. Pınarbaşı, H. M. Alakaş	Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models	No	[716]	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	1363	n/a
GurEA19 GurEA19	Şeyda Gür, T. Eren, H. M. Alakaş	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study	Yes	[937]	2019	Mathematics	24	19 21 19	30 49	1472	n/a

D.62 5 Works by Mehmet A. Begen

Table 91: 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	1573	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	1574	1724
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	1571	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	1572	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 92: Works by Miquel Bofill (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.64 5 Works by Kenneth N. Brown

Table 93: 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	1366	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	[900]	2009	Computers Operations Research	9	42 42 48	5 16	1676	n/a
WuBB05 WuBB05	C. W. Wu, K. N. Brown, J. C. Beck	Scheduling with Uncertain Start Dates	Yes	[899]	2005	CP 2005	1	0 0 0	0 2	859	n/a

D.65 5 Works by André A. Ciré

Table 94: 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	1426	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	1543	1791
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 95: 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	1422	1747
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	3182	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 96: 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	1396	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	[661]	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	1435	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	3183	n/a

D.68 5 Works by Hanyu Gu

Table 97: 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 EtminaniesfahaniGNMS22	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	1445	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	[828]	2014	J. Heuristics	34	19 20 19	18 24	1655	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 98: 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	1498	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	1462	n/a
HoeveGSL07 HoeveGSL07	W.-J. van Hoeve, C. P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[861]	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 99: 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	1372	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	Yes	[189]	2017	European Journal of Operational Research	11	10 11 12	14 42	1421	1768
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 100: 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	1357	1712
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	1485	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	1551	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 101: 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	[817]	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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
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 102: 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	[843]	2017	J. Artif. Intell. Res.	68	12 12 21	0 0	1662	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	[844]	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	1409	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 103: 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	[800]	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	[679]	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	[709]	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	1487	n/a
PraletLJ15 PraletLJ15	C. Pralet, S. Lemai-Chenevier, J. Jaubert	Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search	Yes	[710]	2015	CP 2015	16	0 0 0	8 11	770	n/a

D.75 5 Works by Joaquin Rodriguez

Table 104: 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	1552	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[741]	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	[738]	2007	Transportation Research Part B: Methodological	15	117 121 141	6 14	1619	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	[739]	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	[740]	2002	Computers in Railways VIII	10	0 0 0	0 0	1620	n/a

D.76 5 Works by Martino Ruggiero

Table 105: 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	1399	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	1542	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	[749]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9 9 7	27 37	1625	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 106: 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	1382	1786
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	1384	n/a
Salido10 Salido10	M. A. Salido	Introduction to planning, scheduling and constraint satisfaction	Yes	[758]	2010	Journal of Intelligent Manufacturing	4	22 22 17	1 3	1631	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	1383	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 107: 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	1366	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	[785]	2015	Constraints An Int. J.	2	4 3 0	0 0	1641	1776
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	[786]	2015	INSA Toulouse, France	199	0 0 0	0 0	3203	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[787]	2015	CP 2015	10	4 4 4	17 27	798	951

D.79 5 Works by Josep Suy

Table 108: 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 109: Works by Reza Tavakkoli-Moghaddam (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
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	1453	1716
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
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
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	[854]	2023	International Journal of Production Research	17	2 6 5	44 49	No	n/a
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	1567	n/a

D.81 5 Works by Mateu Villaret

Table 110: 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 111: 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	1704	1729
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	1489	1737
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[875]	2021	Computers Industrial Engineering	14	7 18 20	22 36	1669	1745
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 112: 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	1366	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	1392	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 113: 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 114: THESIS (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
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	3177	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	3189	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3193	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	[912]	2021	Université de Tours - LIFAT	185	0 0 0	0 0	3204	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	3196	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	3180	n/a
German18 German18	G. German	Constraint programming for lot-sizing problems	Yes	[335]	2018	Université Grenoble Alpes	112	0 0 0	0 0	3188	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	3182	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	3186	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	3187	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	3200	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	3184	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	[786]	2015	INSA Toulouse, France	199	0 0 0	0 0	3203	n/a

Table 114: THESIS (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
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	3191	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	3194	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	3181	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	3197	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	3199	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[767]	2011	University of Melbourne, Australia	209	0 0 0	0 0	3202	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	3195	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	3198	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	3183	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	3185	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	3178	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	3192	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	3179	n/a
Nuijten94 Nuijten94	W. Nuijten	Time and Resource Constrained Scheduling: a Constraint Satisfaction Approach	Yes	[657]	1994	Eindhoven University of Technology	172	0 0 0	0 0	3201	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Astrand21 [50]	142	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	satellite, agriculture, semiconductor, drone, robot	generated instance, benchmark, real-world, real-life	propagation, constraint programming, CSP, CP, constraint satisfaction	Cplex, OPL, Gecode	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	sequence dependent setup, due-date, flow-shop, net present value, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, completion-time, multi-objective, distributed, one-machine scheduling, job-shop, transportation, open-shop, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, make-span, unavailability, Infeasible	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	potash industry, mineral industry, mining industry, maritime industry, shipping industry	machine, resource, job, order, activity, scheduling, task	3148	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Beck99 [85]	418	column generation, not-last, edge-finding, simulated annealing, machine learning, meta heuristic, not-first, genetic algorithm	telescope, evacuation, robot, medical	real-world, benchmark	COP, CLP, CP, CSP, propagation, constraint optimization, constraint programming, constraint satisfaction	Ilog Solver, CHIP, Ilog Scheduler, OPL	single machine	due-date, distributed, preempt, explanation, preemptive, release-date, tardiness, transportation, precedence, re-scheduling, stochastic, multi-agent, inventory, job-shop, stock level, make-span, producer/consumer, Infeasible, Over-constrained	cumulative, disjunctive, Disjunctive constraint, circuit		order, activity, resource, job, scheduling, machine, task	3175	n/a
Caballero19 [174]	194	lazy clause generation, energetic reasoning, time-tabling, meta heuristic, edge-finding, bi-partite matching, GRASP, conflict-driven clause learning		real-life, benchmark, instance generator	CP, propagation, constraint satisfaction, CSP, constraint programming	MiniZinc, SCIP, CHIP, Z3, CPO, Chuffed, OPL	psplib, Resource-constrained Project Scheduling Problem, RCPSP	setup-time, preempt, periodic, distributed, cmax, explanation, precedence, release-date, make-span, preemptive, completion-time, Infeasible, Over-constrained, Unsatisfiable	circuit, Cardinality constraint, cycle, Arithmetic constraint, cumulative, alldifferent		machine, order, scheduling, resource, task, activity	3155	n/a
Clercq12 [235]	196	energetic reasoning, sweep, not-first, not-last, edge-finding, time-tabling	patient	benchmark	CSP, CP, constraint optimization, COP, CLP, constraint programming, constraint satisfaction, propagation	Choco Solver, Gecode, ECLiPSe, SICStus, CHIP	psplib	manpower, job-shop, make-span, explanation, due-date, Over-constrained	Cumulatives constraint, alldifferent, circuit, SoftCumulative, cumulative, disjunctive, SoftCumulativeSum		task, activity, resource, order, machine, job, scheduling	3165	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Demassey03 [241]	148	column generation, not-last, meta heuristic, edge-finding, time-tabling, not-first, Lagrangian relaxation	tournament, travelling tournament problem	benchmark	constraint programming, CSP, CLP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, Cplex, Claire	single machine, Resource-constrained Project Scheduling Problem, CuSP, psplib, TCSP, RCPSP	precedence, Benders Decomposition, release-date, stochastic, single-machine scheduling, open-shop, preempt, Logic-Based Benders Decomposition, preemptive, job-shop, flow-shop	circuit, cumulative, disjunctive, cycle		job, order, scheduling, task, machine, activity, resource	3171	n/a
Derrien15 [244]	113	edge-finding, sweep, time-tabling, energetic reasoning	robot	benchmark	COP, CSP, CP, propagation, constraint programming, constraint optimization, constraint satisfaction	Claire, Choco Solver	psplib, CuSP	precedence, make-span, preemptive, stochastic, open-shop, job-shop, preempt	cumulative, alldifferent, Disjunctive constraint, circuit, disjunctive		scheduling, task, machine, order, activity, resource, job	3161	n/a
Elkhyari03 [271]	333	meta heuristic, time-tabling, mat heuristic, genetic algorithm	airport	benchmark, Roadef	propagation, CP, constraint programming, CSP, CLP, COP, constraint logic programming, constraint satisfaction	CPO, Choco Solver, Claire	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Temporal Constraint Satisfaction Problem, single machine, CuSP	periodic, preemptive, job-shop, flow-shop, explanation, open-shop, breakdown, re-scheduling, reactive scheduling, precedence, release-date, make-span, cmax, tardiness, preempt	cycle, cumulative, disjunctive		activity, order, job, scheduling, task, machine, resource	3172	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Fahimi16 [286]	120	time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow	airport, aircraft	benchmark, random instance, Roadef, real-world	constraint satisfaction, propagation, CSP, CP, constraint logic programming, constraint programming	Choco Solver, Ilog Scheduler, Gecode, CHIP	single machine, CuSP, parallel machine, RCPSP	reactive scheduling, completion-time, flow-shop, open-shop, stochastic, periodic, job-shop, Logic-Based Benders Decomposition, preempt, precedence, batch process, setup-time, due-date, preemptive, make-span, lateness, transportation, sequence dependent setup, tardiness, Benders Decomposition, Unsatisfiable	Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive		task, activity, order, machine, job, resource, scheduling	3158	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Froger16 [313]	181	genetic algorithm, neural network, simulated annealing, max-flow, mat heuristic, meta heuristic, ant colony, particle swarm, large neighborhood search, Lagrangian relaxation, column generation	maintenance scheduling, satellite, tournament, train schedule, energy-price, offshore	real-life, real-world, industrial partner, instance generator, benchmark, Roadef, generated instance	constraint logic programming, COP, constraint programming, constraint satisfaction, propagation, CP	Gurobi, OZ, Choco Solver	single machine, CuSP, TMS	preempt, distributed, inventory, batch process, rescheduling, preemptive, sustainability, completion-time, release-date, transportation, unavailability, breakdown, multi-objective, Benders Decomposition, reactive scheduling, stochastic, manpower, Pareto, Logic-Based Benders Decomposition, explanation, Infeasible	cumulative, disjunctive, cycle	wind industry, power industry, electricity industry, energy industry	resource, order, machine, job, scheduling, task	3159	n/a
German18 [335]	112		nurse	real-life, real-world, benchmark, CSPlib, generated instance	CSP, CP, COP, constraint satisfaction, propagation, constraint programming	SICStus, Cplex, Z3, OPL, Choco Solver		setup-time, explanation, earliness, cmax, stock level, stochastic, job-shop, inventory	Disjunctive constraint, cumulative, disjunctive, Cardinality constraint, bin-packing, Balance constraint, Among constraint		activity, machine, resource, order, scheduling, job, task	3156	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Godet21a [344]	168	meta heuristic, edge-finding, sweep, lazy clause generation, time-tabling	maintenance scheduling, satellite, robot, railway	real-life, github, benchmark, random instance, generated instance	CP, COP, constraint satisfaction, propagation, constraint programming, constraint optimization, CSP	Claire, Chuffed, MiniZinc, CHIP, OR-Tools, OPL, Choco Solver	PMSP, Resource-constrained Project Scheduling Problem, single machine, RCPSP, parallel machine, JSSP, psplib	make-span, explanation, distributed, lateness, precedence, cmax, due-date, preemptive, Benders Decomposition, completion-time, open-shop, release-date, transportation, periodic, job-shop, flow-shop, preempt, Unsatisfiable	cycle, AllDiff constraint, cumulative, Element constraint, Cardinality constraint, bin-packing, GeneralizedAllDiffPrec, BinPacking constraint, disjunctive, AllDiffPrec constraint, Disjunctive constraint, alldifferent	electricity industry	activity, machine, resource, order, scheduling, job, task	3149	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a
Kameugne14 [461]	139	not-last, edge-finder, energetic reasoning, time-tabling, not-first, edge-finding		Roadef	constraint satisfaction, propagation, CP, constraint programming, CSP, CLP	Claire, ECLiPSe, SICStus, Cplex, Mistral, Choco Solver, Gecode, CHIP	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, CuSP, psplib	preemptive, job-shop, flow-shop, completion-time, make-span, preempt	Cumulatives constraint, Balance constraint, circuit, Disjunctive constraint, cumulative, disjunctive		resource, order, job, scheduling, task, machine	3163	n/a
Layfield02 [522]	230				CP	OPL, OZ, Z3						3174	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lemos21 [524]	188	time-tabling, large neighborhood search, reinforcement learning, conflict-driven clause learning, machine learning, simulated annealing, meta heuristic, GRASP, genetic algorithm, evolutionary computing	surgery, COVID, train schedule, tournament, crew-scheduling, railway, meeting scheduling, high school timetabling, medical	github, real-life, Roadef, real-world, benchmark	CSP, COP, propagation, constraint satisfaction, constraint optimization, CP, constraint programming, constraint logic programming	Cplex, OPL, Gurobi	RCPSP	transportation, distributed, unavailability, bi-objective, energy efficiency, precedence, job-shop, explanation, multi-objective, re-scheduling, multi-agent, stochastic, periodic, Pareto, Infeasible, Over-constrained, Unsatisfiable	alldifferent, cumulative, Cardinality constraint, cycle	railway industry	machine, job, order, scheduling, task, resource	3151	n/a
Letort13 [525]	132	energetic reasoning, sweep, not-last, edge-finding, meta heuristic, not-first, time-tabling, large neighborhood search	datacenter, steel mill	CSPlib, Roadef, benchmark	constraint programming, CP, CSP, CLP, constraint satisfaction, propagation	Choco Solver, SICStus, Claire, CHIP	psplib	job-shop, precedence, cmax	bin-packing, alldifferent, Cumulatives constraint, cumulative, geost, disjunctive		machine, resource, order, scheduling, job, task	3164	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lombardi10 [548]	175	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	pipeline, aircraft, semiconductor, business process, medical, automotive	generated instance, benchmark, instance generator, real-life, real-world	constraint programming, CSP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, OPL, Cplex	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	re-scheduling, precedence, Benders Decomposition, release-date, stochastic, setup-time, net present value, multi-objective, tardiness, preempt, make-span, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, explanation, completion-time, inventory, energy efficiency, Infeasible, Over-constrained	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	semiconductor industry	job, order, scheduling, task, machine, activity, resource	3169	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lunardi20 [568]	181	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	high performance computing, robot, airport, tournament	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	CP, constraint programming, constraint satisfaction	CPO, OPL, Cplex	parallel machine, FJS, single machine	reactive scheduling, unavailability, cmax, lateness, rescheduling, stochastic, no preempt, job-shop, transportation, open-shop, completion-time, multi-objective, setup-time, breakdown, Pareto, release-date, make-span, bi-objective, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness, Infeasible	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	printing industry, glass industry	machine, resource, order, activity, scheduling, task, job	3153	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Malapert11 [578]	194	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep	robot, semi-conductor, rectangle-packing, maintenance scheduling, patient	real-world, industrial partner, generated instance, benchmark	COP, constraint satisfaction, constraint programming, propagation, CP, CSP, CLP	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	Open Shop Scheduling Problem, single machine	tardiness, lateness, preempt, batch process, flow-time, preemptive, job-shop, no-wait, flow-shop, completion-time, precedence, planned maintenance, inventory, setup-time, open-shop, cmax, multi-objective, transportation, make-span, due-date, Infeasible	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint		resource, activity, job, order, scheduling, task, machine	3166	n/a
Malik08 [583]	151	edge-finding, machine learning	pipeline	benchmark, real-life	CP, constraint programming, CSP, propagation, constraint satisfaction			completion-time, breakdown, make-span, cyclic scheduling, distributed, precedence	alldifferent, Cardinality constraint, cycle		scheduling, task, resource, order, machine, activity, job	3170	n/a
Menana11 [594]	148	meta heuristic, large neighborhood search, Lagrangian relaxation, time-tabling, genetic algorithm, column generation	nurse	Roadef, github, benchmark	CSP, CP, CLP, propagation, constraint programming, constraint satisfaction, constraint optimization	Claire, Z3, CHIP, OPL, Choco Solver		manpower, distributed, cyclic scheduling, precedence, multi-objective	alldifferent, Regular constraint, Cardinality constraint		activity, resource, scheduling, machine, task	3167	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Nattaf16 [639]	199	genetic algorithm, column generation, edge-finding, mat heuristic, energetic reasoning, sweep	maintenance scheduling, robot	Roadef	CSP, constraint satisfaction, propagation, constraint programming, CP	Claire, Cplex	CECSP, psplib, RCPSP, Resource-constrained Project Scheduling Problem, single machine, CuSP, parallel machine	inventory, setup-time, make-span, cmax, due-date, preemptive, tardiness, flow-shop, job-shop, bi-objective, preempt	cumulative, disjunctive, alldifferent	process industry	machine, resource, order, scheduling, job, task	3160	n/a
Nuijten94 [657]	172	genetic algorithm, neural network, simulated annealing, time-tabling	robot	benchmark, generated instance, real-life	COP, CP, CSP, constraint satisfaction	OPL	JSSP, Resource-constrained Project Scheduling Problem, single machine	Infeasible, Unsatisfiable, completion-time, distributed, inventory, job-shop, make-span, multi-agent, precedence, preempt, preemptive, single-machine scheduling, stochastic, tardiness	alternative constraint, circuit, cumulative, disjunctive, table constraint		activity, job, machine, order, resource, scheduling, task	3176	n/a
Schutt11 [767]	209	meta heuristic, not-first, simulated annealing, edge-finding, sweep, ant colony, lazy clause generation, edge-finder, time-tabling, energetic reasoning, not-last	rectangle-packing	real-world, industrial instance, instance generator, benchmark	constraint logic programming, CLP, constraint programming, constraint satisfaction, propagation, CSP, CP	SICStus, Ilog Scheduler, SCIP, ECLiPSe, CHIP, Ilog Solver	Resource-constrained Project Scheduling Problem, RCPSP, Open Shop Scheduling Problem, psplib	precedence, cmax, preemptive, tardiness, completion-time, open-shop, one-machine scheduling, release-date, job-shop, preempt, setup-time, periodic, make-span, explanation, Infeasible, Unsatisfiable, explainable	UTVPI constraint, cumulative, circuit, Element constraint, geost, disjunctive, Arithmetic constraint, bin-packing, Reified constraint, Disjunctive constraint, alldifferent, cycle	carpet industry	resource, order, scheduling, machine, job, task, activity	3168	n/a

Table 115: Automatically Extracted THESIS Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Siala15a [786]	199	evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, time-tabling, large neighborhood search, ant colony, GRASP	rectangle-packing, automotive	Roadef, real-world, github, benchmark, random instance, CSPlib	constraint programming, CP, constraint logic programming, COP, CSP, CLP, constraint satisfaction, propagation	Ilog Solver, Mistral, Claire, CHIP, OPL	OSP, RCPSP, single machine, TMS	job-shop, explanation, earliness, setup-time, make-span, precedence, cmax, sequence dependent setup, due-date, tardiness, open-shop, periodic, Infeasible, Unsatisfiable	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		activity, machine, job, resource, order, scheduling, task	3162	n/a

Zahout21 [912]	185	meta heuristic, reinforcement learning, GRASP, column generation, genetic algorithm	datacenter, business process, high performance computing, crew-scheduling, satellite	benchmark	constraint programming, propagation, CSP, CP	CPO, Cplex, Claire	CuSP, RCPSP, TCSP, single machine, parallel machine, SCC	completion-time, online scheduling, release-date, multi-agent, energy efficiency, multi-objective, job-shop, flow-shop, bi-objective, preempt, Pareto, make-span, distributed, precedence, due-date, re-scheduling, preemptive	bin-packing, cycle, cumulative, circuit		machine, job, task, activity, resource, scheduling	3152	n/a

E.3 InBook from bibtex

Table 116: 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	[775]	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	[661]	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	[895]	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	[751]	2001	DIMACS Series in Discrete Mathematics and Theoretical Computer Science	16	28 29 0	0 0	No	n/a

Table 116: 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
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

E.4 InCollection from bibtex

Table 117: 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	3232	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	3233	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	[848]	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	3234	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 118: Automatically Extracted INCOLLECTION Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Hooker19 [432]	26	mat heuristic, large neighborhood search, timetabling, column generation, quadratic programming, meta heuristic	tournament, container terminal, yard crane, operating room, sports scheduling, railway, maintenance scheduling, satellite, torpedo, round-robin, patient, aircraft	industrial instance	constraint satisfaction, propagation, constraint programming, constraint optimization, CP, constraint logic programming, CLP	OPL, MiniZinc	single machine, parallel machine	one-machine scheduling, release-date, transportation, stochastic, job-shop, Logic-Based Benders Decomposition, inventory, make-span, explanation, single-machine scheduling, distributed, sequence dependent setup, due-date, tardiness, multi-objective, Benders Decomposition, Infeasible	disjunctive, cycle, cumulative, circuit		machine, job, task, activity, resource, order, scheduling	3223	n/a
HurleyOS16 [442]	14	machine learning	datacentre, airport, energy-price, supercomputer, high performance computing	real-world, benchmark	constraint programming, CP			re-scheduling, distributed, Infeasible	cumulative		resource, order, scheduling, task, machine	3224	n/a

Table 118: Automatically Extracted INCOLLECTION Features (Requires Local Copy)

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
KanetAG04 [468]	22	time-tabling, meta heuristic	tournament, high school timetabling, patient, round-robin		COP, CSP, CP, propagation, constraint programming, CLP, constraint logic programming, constraint satisfaction	ECLiPSe, Cplex, Ilog Solver, OPL	single machine, parallel machine	precedence, make-span, tardiness, earliness, due-date, inventory, transportation, completion-time, job-shop, setup-time, single-machine scheduling	alldifferent, Disjunctive constraint, disjunctive		scheduling, task, machine, order, activity, resource, job	3230	n/a

F Papers by Conference Series

F.1 AAAI

Table 119: 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	[845]	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	[761]	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	[861]	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	[704]	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

Table 119: 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
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	[885]	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	[666]	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	[748]	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	[903]	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	[798]	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

Table 119: 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
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	[855]	1987	AAAI 1987	5	0 0 0	0 0	832	n/a
Rit86 Rit86	J.-F. Rit	Propagating Temporal Constraints for Scheduling	Yes	[734]	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 120: 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 121: 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 122: 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 123: 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 124: 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	[909]	2023	ANT 2023	6	1 1 1	15 18	863	890

F.7 ANTS

Table 125: 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 126: 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 127: 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 128: 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 129: 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 130: 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	[932]	2002	CAiSE 2002	5	0 0 0	5 7	870	n/a

F.13 CCL'99

Table 131: 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	[792]	1999	CCL'99 1999	39	5 5 0	18 63	802	n/a

F.14 CIT

Table 132: 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	[927]	2012	CIT 2012	4	1 1 1	3 9	867	n/a

F.15 CONTESSA

Table 133: 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	[790]	1995	CONTESSA 1995	21	1 1 0	12 30	801	n/a

F.16 CP

Table 134: 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	[708]	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	[706]	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	[891]	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	[826]	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 134: 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	[709]	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	[905]	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	[776]	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	[810]	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	[825]	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	[710]	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	[787]	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

Table 134: 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
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	[671]	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	[770]	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	[913]	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	[780]	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	[788]	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	[777]	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	[771]	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	[868]	2009	CP 2009	15	25 26 34	4 7	840	n/a

Table 134: 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
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	[860]	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	[692]	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	[899]	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	[693]	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	[871]	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

Table 134: 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
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	[662]	2003	CP 2003	15	8 7 14	6 12	748	n/a
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[865]	2003	CP 2003	1	1 1 1	1 4	837	n/a
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[892]	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	[864]	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	[830]	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	[862]	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	[863]	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	[728]	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	[736]	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

Table 134: 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
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	[929]	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	[714]	1995	CP 1995	4	6 6 11	2 11	772	n/a
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[791]	1995	CP 1995	4	7 7 13	3 7	800	n/a
SimonisC95 SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[795]	1995	CP 1995	14	17 16 21	8 23	803	n/a
Touraivane95 Touraivane95	Touraïvane	Constraint Programming and Industrial Applications	Yes	[837]	1995	CP 1995	3	2 0 1	1 0	825	n/a

F.17 CPAIOR

Table 135: 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	[800]	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	[817]	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	[673]	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

Table 135: 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
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	[815]	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	[829]	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	[888]	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	[859]	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	[901]	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	[672]	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

Table 135: 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
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	[695]	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	[873]	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	[769]	2013	CPAIOR 2013	17	20 20 33	27 35	791	958

Table 135: 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
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	[730]	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	[768]	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	[870]	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	[869]	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

Table 135: 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
WatsonB08 WatsonB08	J.-P. Watson, J. C. Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[886]	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	[858]	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	[747]	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	[724]	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	[867]	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	[754]	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	[866]	2004	CPAIOR 2004	13	22 22 32	5 11	838	n/a

F.18 CSCLP

Table 136: 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	[796]	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	[894]	2011	CSCLP 2011	17	5 5 6	19 26	856	n/a
Wallace06 Wallace06	M. G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[878]	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	[893]	2005	CSCLP 2005	15	4 4 4	8 12	854	n/a

F.19 CSE

Table 137: 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 138: 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	[812]	2018	Canadian AI 2018	12	1 1 2	23 23	812	n/a

F.21 Chinese Control and Decision Conference

Table 139: 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	[813]	2010	Chinese Control and Decision Conference 2010	6	1 0 4	11 0	811	n/a

F.22 CoDIT

Table 140: 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	[674]	2022	CoDIT 2022	6	1 1 2	21 24	755	899

F.23 Constraint Programming

Table 141: 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	[876]	1994	Constraint Programming 1994	19	0 0 0	0 0	No	n/a

F.24 DC SIAAI

Table 142: 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 143: 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	[687]	1998	DIMACS 1998	14	26 0 0	0 0	760	n/a

F.26 DSD

Table 144: 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	[898]	2004	DSD 2004	8	0 0 1	9 14	858	n/a

F.27 ECAI

Table 145: 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	[881]	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	[839]	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	[664]	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	[851]	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	[880]	2000	ECAI 2000	7	0 0 0	0 0	846	n/a

Table 145: 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
SakkoutRW98 SakkoutRW98	H. E. Sakkout, T. Richards, M. G. Wallace	Minimal Perturbance in Dynamic Scheduling	No	[756]	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	[683]	1996	ECAI 1996	5	0 0 0	0 0	No	n/a
Schaerf96 Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	No	[759]	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	[801]	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	[658]	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	[735]	1994	ECAI 1994	5	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	[902]	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 146: 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 147: 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 148: 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 149: 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 150: 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 151: 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	[931]	2015	FSKD 2015	5	0 0 2	16 0	869	n/a

F.34 FUZZ-IEEE

Table 152: 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	[832]	2019	FUZZ-IEEE 2019	6	0 0 0	21 24	823	n/a

F.35 Fog-IoT

Table 153: 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 154: 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 155: 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 156: 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	[807]	2010	GreenCom 2010	6	4 4 3	8 17	808	n/a

F.39 HM

Table 157: 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	[827]	2009	HM 2009	15	13 12 15	12 19	820	n/a

F.40 ICAART

Table 158: 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	[809]	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	[822]	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	[836]	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 159: 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	[819]	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	[924]	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	[779]	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	[731]	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	[842]	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	[701]	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 160: 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 161: 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 162: 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 163: 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	[923]	2022	ICNSC 2022	6	0 1 1	21 24	866	905

F.46 ICORES

Table 164: 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 165: 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 166: 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	[934]	2011	ICPC 2011	4	17 16 19	18 24	871	n/a

F.49 ICRA

Table 167: 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	[721]	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 168: 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	[741]	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	[739]	2007	ICROMA 2007	14	0 0 0	0 0	782	n/a

F.51 ICTAI

Table 169: 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	[690]	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	[882]	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 170: 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 171: 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	[729]	2009	IEEE International Conference on Automation and Logistics 2009	5	2 3 4	12 14	777	n/a

F.54 IESM

Table 172: 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 173: 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	[818]	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	[679]	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	[844]	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	[665]	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	[680]	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	[804]	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 173: 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	[760]	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	[713]	1989	IJCAI 1989	6	0 0 0	0 0	771	n/a

F.56 ILPS

Table 174: 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 175: 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	[897]	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	[778]	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	[896]	2005	INAP 2005	14	6 7 12	6 10	857	n/a

F.58 IPDPS

Table 176: Papers in Conference Series IPDPS (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
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

F.59 ISCA

Table 177: Papers in Conference Series ISCA (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
VillaverdeP04 VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	No	[874]	2004	ISCA 2004	6	0 0 0	0 0	No	n/a

F.60 ISMIS

Table 178: Papers in Conference Series ISMIS (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
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

F.61 KES

Table 179: Papers in Conference Series KES (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
ValleMGT03 ValleMGT03	C. D. Valle, A. A. Márquez, R. M. Gasca, M. Toro	On Selecting and Scheduling Assembly Plans Using Constraint Programming	Yes	[856]	2003	KES 2003	8	7 7 6	7 11	833	n/a

F.62 KR

Table 180: 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 181: 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 182: 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 183: 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 184: 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	[663]	2005	MISTA 2005	28	3 3 0	12 19	No	n/a

F.67 Operations Research Proceedings

Table 185: 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 186: 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	[684]	1997	PACT 1997	20	0 0 0	0 0	758	n/a

F.69 PADL

Table 187: 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 188: 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	[847]	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 189: 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 190: 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 191: 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 192: 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	[686]	2019	RAAD 2019	8	1 1 3	3 6	759	n/a

F.75 RAST

Table 193: 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 194: 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 195: 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	[935]	2011	SCAM 2011	10	26 26 33	27 35	872	n/a

F.78 SEA

Table 196: 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 197: 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	[840]	2016	SOCS 2016	9	3 9 0	0 0	827	n/a

F.80 SoC

Table 198: 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	[720]	2006	SoC 2006	4	2 2 5	5 14	773	n/a

F.81 TENCON

Table 199: 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 200: 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	1564	n/a

G.2 ACM Transactions on Design Automation of Electronic Systems

Table 201: 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	1443	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	1526	n/a

G.3 ACM Transactions on Software Engineering and Methodology

Table 202: 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	1364	n/a

G.4 APPLIED MATHEMATICAL MODELLING

Table 203: 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	Yes	[338]	2022	APPLIED MATHEMATICAL MODELLING	16	4 4 4	46 55	1461	n/a

G.5 Acta Automatica Sinica

Table 204: 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 205: 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	1432	n/a

G.7 Algorithms

Table 206: 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	1568	1722

G.8 Annals of Operations Research

Table 207: 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	1463	1717
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	1442	1735
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	1474	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	1556	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	1396	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	1399	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	1428	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	1475	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	1381	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	1565	n/a
RasmussenT09 RasmussenT09	R. V. Rasmussen, M. A. Trick	The timetable constrained distance minimization problem	Yes	[726]	2009	Annals of Operations Research	15	8 9 9	15 25	1614	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	1535	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	1368	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	1391	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	1553	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	1554	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	1380	n/a
RodosekWH99 RodosekWH99	R. Rodosek, M. G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	Yes	[737]	1999	Annals of Operations Research	25	53 0 67	0 0	1618	n/a

G.9 Artif. Intell. Eng.

Table 208: 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	1532	n/a

G.10 Artif. Intell. Rev.

Table 209: 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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	n/a

G.11 Artificial Intelligence

Table 210: 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	1408	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	1540	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	1538	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	1528	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	1508	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	1387	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	1388	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	1437	n/a
SadehF96 SadehF96	N. M. Sadeh, M. S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	Yes	[753]	1996	Artificial Intelligence	41	95 97 131	17 56	1628	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	1566	n/a

Table 210: 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	1434	n/a

G.12 Assembly Automation

Table 211: 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	Yes	[699]	2019	Assembly Automation	14	16 18 0	41 68	1603	n/a

G.13 Automation in Construction

Table 212: 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	[936]	2020	Automation in Construction	10	18 21 19	48 52	1695	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	1537	n/a

G.14 CMC-COMPUTERS MATERIALS & CONTINUA

Table 213: 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	1576	n/a

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

Table 214: 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	1473	1719

G.16 CoRR

Table 215: 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	1707	1710
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	1704	1729
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	[820]	2023	CoRR	9	0 0 0	0 0	1705	1730
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	[691]	2023	CoRR	20	0 0 0	0 0	1706	1731
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	[806]	2022	CoRR	17	0 0 0	0 0	1703	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	1702	n/a

Table 215: 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	1698	1761
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	1699	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	1700	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	1701	1762
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	1446	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	[772]	2010	CoRR	37	0 0 0	0 0	1697	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[697]	2009	CoRR	12	0 0 0	0 0	1696	n/a

G.17 Comput. Aided Civ. Infrastructure Eng.

Table 216: 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	[816]	2018	Comput. Aided Civ. Infrastructure Eng.	28	24 32 30	76 88	1652	n/a

G.18 Comput. J.

Table 217: 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	[821]	1992	Comput. J.	null	0 0 0	0 0	No	n/a

G.19 Computers & Chemical Engineering

Table 218: 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	1373	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	1444	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	1583	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	1485	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	1586	n/a
ZeballosNH11 ZeballosNH11	L. J. Zeballos, J. M. Novas, G. P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[920]	2011	Computers Chemical Engineering	17	26 26 28	29 39	1687	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	1585	n/a
RoePS05 RoePS05	B. Roe, L. G. Papageorgiou, N. Shah	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling	Yes	[742]	2005	Computers Chemical Engineering	15	48 47 46	15 23	1621	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	1551	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	1483	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	1484	n/a
PintoG97 PintoG97	J. M. Pinto, I. E. Grossmann	A logic-based approach to scheduling problems with resource constraints	Yes	[700]	1997	Computers Chemical Engineering	18	56 56 60	12 24	1604	n/a

G.20 Computers & Industrial Engineering

Table 219: Articles in Journal Computers Industrial Engineering (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
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	1357	1712
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	1358	1713
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	1365	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	1354	1732
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	1489	1737
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[875]	2021	Computers Industrial Engineering	14	7 18 20	22 36	1669	1745
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	1447	1748
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	1486	1750
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	1560	1753
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	1584	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	1460	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	1459	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	1479	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	Yes	[802]	2013	Computers Industrial Engineering	7	2 2 4	15 16	1647	n/a
TerekhovDOB12 TerekhovDOB12	D. Terekhov, M. K. Dogru, U. Özen, J. C. Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[823]	2012	Computers Industrial Engineering	15	8 9 16	48 59	1653	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	[849]	2011	Computers Industrial Engineering	7	11 13 12	17 32	1664	n/a
YunG02 YunG02	Y.-S. Yun, M. Gen	Advanced scheduling problem using constraint programming techniques in SCM environment	No	[906]	2002	Computers Industrial Engineering	17	19 20 27	6 19	No	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	Yes	[846]	2001	Computers Industrial Engineering	25	7 7 9	9 26	1663	n/a

G.21 Computers & Operations Research

Table 220: 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	1356	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	1510	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	[689]	2023	Computers Operations Research	13	0 3 1	34 36	1601	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	1572	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	1439	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	1451	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	[925]	2021	Computers Operations Research	10	6 7 8	35 41	1691	n/a
AbidinK20 AbidinK20	Z. A. Cil, D. Kizilay	Constraint programming model for multi-manned assembly line balancing problem	Yes	[3]	2020	Computers Operations Research	14	11 14 0	27 35	1351	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	1372	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	1547	1751
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	1580	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	1525	n/a
ZengM12 ZengM12	L. Zeng, S. Mizuno	On the separation in 2-period double round robin tournaments with minimum breaks	Yes	[922]	2012	Computers Operations Research	9	3 3 4	18 25	1689	n/a
TopaloglugO11 TopaloglugO11	S. Topaloglu, I. Ozkarahan	A constraint programming-based solution approach for medical resident scheduling problems	Yes	[833]	2011	Computers Operations Research	10	46 47 59	24 32	1657	n/a
KendallKRU10 KendallKRU10	G. Kendall, S. Knust, C. C. Ribeiro, S. Urrutia	Scheduling in sports: An annotated bibliography	Yes	[471]	2010	Computers Operations Research	19	181 186 220	0 0	1515	n/a
WuBB09 WuBB09	C. W. Wu, K. N. Brown, J. C. Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[900]	2009	Computers Operations Research	9	42 42 48	5 16	1676	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	1427	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	1431	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	1406	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	1470	n/a

Table 220: 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	Yes	[750]	2006	Computers Operations Research	12	22 22 0	16 22	1626	n/a

G.22 Computers in Railways VIII

Table 221: 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	[740]	2002	Computers in Railways VIII	10	0 0 0	0 0	1620	n/a

G.23 Constraints An Int. J.

Table 222: 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	1417	1715
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	1531	1721
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	[889]	2023	Constraints An Int. J.	34	0 0 0	38 50	1674	1727
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	1418	1733
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	1517	1744
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	1398	1746
WallaceY20 WallaceY20	M. G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[879]	2020	Constraints An Int. J.	19	5 6 5	18 23	1671	1756
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	1502	1758
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	1423	1763

Table 222: 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	1448	1764
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	1530	1766
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	1498	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	1523	1769
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	1578	1770
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	1511	1772
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	1533	1773
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	1577	1774
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[785]	2015	Constraints An Int. J.	2	4 3 0	0 0	1641	1776
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[789]	2015	Constraints An Int. J.	23	4 4 6	5 8	1642	1777
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	1513	1778
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	1490	1779
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[677]	2013	Constraints An Int. J.	36	31 31 34	44 62	1595	1781
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	1491	1783
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	1536	1784
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	1539	1785
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	1382	1786
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	1521	1787
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	1522	1788
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	[762]	2011	Constraints An Int. J.	23	14 16 19	5 12	1632	1789
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Explaining the cumulative propagator	Yes	[773]	2011	Constraints An Int. J.	33	57 61 65	23 39	1637	1790
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	1543	1791
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, P. J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[667]	2009	Constraints An Int. J.	35	127 128 198	15 35	1590	n/a
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[793]	2007	Constraints An Int. J.	30	10 11 19	17 74	1643	1792

Table 222: 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	1496	1793
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	1495	1794
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	[872]	2005	Constraints An Int. J.	23	21 21 32	5 16	1668	1795
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	1379	1796
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	1492	1797
SakkoutW00 SakkoutW00	H. E. Sakkout, M. G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[757]	2000	Constraints An Int. J.	30	73 0 105	0 0	1630	1798
SchildW00 SchildW00	K. Schild, J. Würtz	Scheduling of Time-Triggered Real-Time Systems	Yes	[763]	2000	Constraints An Int. J.	23	23 0 32	0 0	1633	1799
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	1400	1800
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	1397	1801
PapaB98 PapaB98	C. L. Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[685]	1998	Constraints An Int. J.	25	14 0 19	0 0	1598	1802
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	1433	1803
Zhou97 Zhou97	J. Zhou	A Permutation-Based Approach for Solving the Job-Shop Problem	Yes	[930]	1997	Constraints An Int. J.	29	14 0 16	0 0	1693	1804
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	[797]	1996	Constraints An Int. J.	20	56 57 61	4 9	1645	n/a
Wallace96 Wallace96	M. G. Wallace	Practical Applications of Constraint Programming	Yes	[877]	1996	Constraints An Int. J.	30	87 89 138	55 143	1670	1805

G.24 Control Engineering Practice

Table 223: 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	1552	n/a

G.25 DECISION SUPPORT SYSTEMS

Table 224: 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	Yes	[604]	2013	DECISION SUPPORT SYSTEMS	10	102 102 116	31 39	1563	n/a

G.26 Discrete Applied Mathematics

Table 225: Articles in Journal Discrete Applied Mathematics (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
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	1581	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	1378	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	1487	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	1500	n/a
Schreuder92 Schreuder92	J. A. M. Schreuder	Combinatorial aspects of construction of competition Dutch Professional Football Leagues	Yes	[766]	1992	Discrete Applied Mathematics	12	69 70 81	11 17	1636	n/a

G.27 Discrete Dynamics in Nature and Society

Table 226: 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	[688]	2014	Discrete Dynamics in Nature and Society	7	5 4 9	13 17	1600	n/a

G.28 Discrete Optimization

Table 227: 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	1561	n/a

G.29 Electronic Notes in Discrete Mathematics

Table 228: 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	[676]	2010	Electronic Notes in Discrete Mathematics	8	15 15 17	1 3	1593	n/a

G.30 Electronic Proceedings in Theoretical Computer Science

Table 229: 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	1429	1757

G.31 Eng. Appl. Artif. Intell.

Table 230: 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	[921]	2010	Eng. Appl. Artif. Intell.	20	33 33 43	28 41	1688	n/a

Table 230: 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	1458	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	1520	n/a

G.32 Engineering Optimization

Table 231: 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	1353	n/a
Pinarbasi21 Pinarbasi21	M. Pınarbaşı	New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions	No	[715]	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	[716]	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 232: 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	1519	n/a

Table 232: 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	1544	n/a

G.34 European Journal of Operational Research

Table 233: 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	1455	1708
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	1471	1718
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	1570	1738
PohlAK22 PohlAK22	M. Pohl, C. Artigues, R. Kolisch	Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach	Yes	[703]	2022	European Journal of Operational Research	16	4 4 4	31 44	1606	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	[746]	2021	European Journal of Operational Research	14	15 15 15	44 51	1624	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	1420	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	1555	1752
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	[718]	2020	European Journal of Operational Research	18	27 30 31	30 35	1610	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	1367	n/a
SunTB19 SunTB19	D. Sun, L. Tang, R. Baldacci	A Benders decomposition-based framework for solving quay crane scheduling problems	Yes	[805]	2019	European Journal of Operational Research	12	31 34 37	29 31	1649	1759
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	1524	n/a

Table 233: 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	[707]	2018	European Journal of Operational Research	12	41 47 48	13 25	1608	n/a
CarlssonJL17 CarlssonJL17	M. Carlsson, M. Johansson, J. Larson	Scheduling double round-robin tournaments with divisional play using constraint programming	Yes	[189]	2017	European Journal of Operational Research	11	10 11 12	14 42	1421	1768
RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, D. M. Aleman, D. R. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[745]	2017	European Journal of Operational Research	17	61 66 65	46 53	1623	n/a
RiiseML16 RiiseML16	A. Riise, C. Mannino, L. Lamorgese	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling	Yes	[733]	2016	European Journal of Operational Research	10	27 27 26	29 41	1617	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	1462	n/a
WangMD15 WangMD15	T. Wang, N. Meskens, D. Duvivier	Scheduling operating theatres: Mixed integer programming vs. constraint programming	Yes	[883]	2015	European Journal of Operational Research	13	36 38 38	33 49	1672	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	Yes	[581]	2012	European Journal of Operational Research	13	43 44 50	24 41	1549	n/a
RasmussenT07 RasmussenT07	R. V. Rasmussen, M. A. Trick	A Benders approach for the constrained minimum break problem	Yes	[725]	2007	European Journal of Operational Research	16	60 62 71	16 27	1613	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	1516	n/a
HenzMT04 HenzMT04	M. Henz, T. Müller, S. Thiel	Global constraints for round robin tournament scheduling	Yes	[414]	2004	European Journal of Operational Research	10	44 47 0	8 24	1493	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	[702]	2004	European Journal of Operational Research	16	7 7 10	8 18	1605	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	1371	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	1414	n/a
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[835]	2000	European Journal of Operational Research	12	26 26 26	13 27	1659	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	1506	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	[694]	1999	European Journal of Operational Research	11	26 28 32	18 24	1602	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	1402	n/a

Table 233: 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	[659]	1996	European Journal of Operational Research	16	65 65 90	6 21	1588	n/a

G.35 Expert Systems with Applications

Table 234: 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	Yes	[208]	2022	Expert Systems with Applications	19	5 11 10	44 52	1425	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	1587	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	Yes	[834]	2012	Expert Systems with Applications	10	31 32 38	34 43	1658	n/a

G.36 Frontiers of Mechanical Engineering in China

Table 235: 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	1424	n/a

G.37 IEEE Engineering in Medicine and Biology Magazine

Table 236: 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	[887]	1995	IEEE Engineering in Medicine and Biology Magazine	6	56 56 68	9 21	1673	n/a

G.38 IEEE LATIN AMERICA TRANSACTIONS

Table 237: 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	Yes	[486]	2019	IEEE LATIN AMERICA TRANSACTIONS	9	0 0 0	0 0	1518	n/a

G.39 IEEE Robotics and Automation Letters

Table 238: 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	1481	1742
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	1409	n/a

G.40 IEEE Transactions on Automation Science and Engineering

Table 239: 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	1478	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	[814]	2019	IEEE Transactions on Automation Science and Engineering	10	40 45 43	40 44	1651	1760

G.41 IEEE Transactions on Computers

Table 240: 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	1541	n/a

G.42 IEEE Transactions on Robotics

Table 241: 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	1466	n/a

G.43 IEEE Transactions on Semiconductor Manufacturing

Table 242: 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	1477	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	1480	n/a

G.44 IET Collaborative Intelligent Manufacturing

Table 243: 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	1559	n/a

G.45 IFAC Proceedings Volumes

Table 244: 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	C. 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	[675]	2012	IFAC Proceedings Volumes	6	5 4 5	5 10	1594	n/a

G.46 INFORMS Journal on Computing

Table 245: 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	1575	1725
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	1440	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	[744]	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	1438	n/a
TranAB16 TranAB16	T. T. Tran, A. Araujo, J. C. Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[838]	2016	INFORMS Journal on Computing	13	72 75 80	28 36	1660	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	1468	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	1403	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	1548	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	1377	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	1390	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	1507	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	1562	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	[755]	2006	INFORMS Journal on Computing	9	45 46 38	6 9	1629	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	1435	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 245: 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	1505	n/a
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[799]	2000	INFORMS Journal on Computing	12	7 7 8	14 23	1646	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	[696]	1996	INFORMS Journal on Computing	14	22 23 17	0 0	No	n/a

G.47 INFORMS Journal on Optimization

Table 246: 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 247: 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	Yes	[732]	2012	INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH	26	47 52 54	59 92	1616	n/a

G.49 Indian Journal of Pure and Applied Mathematics

Table 248: 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	1512	n/a

G.50 Industrial & Engineering Chemistry Research

Table 249: 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	[917]	2010	Industrial Engineering Chemistry Research	11	22 23 29	30 39	1684	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	Yes	[919]	2009	Industrial Engineering Chemistry Research	13	7 7 7	14 23	1686	n/a

G.51 Inf. Comput.

Table 250: 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	1449	n/a

G.52 Int. J. Adv. Intell. Paradigms

Table 251: 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 252: 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	1366	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	1550	n/a

G.54 Int. J. Comput. Integr. Manuf.

Table 253: 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	1567	n/a

G.55 Int. J. Electron. Secur. Digit. Forensics

Table 254: 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	[781]	2023	Int. J. Electron. Secur. Digit. Forensics	12	0 0 0	0 0	1639	1726

G.56 Int. J. Intell. Inf. Database Syst.

Table 255: 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	1405	n/a

G.57 Int. J. Netw. Comput.

Table 256: 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	1582	n/a

G.58 Int. J. Parallel Emergent Distributed Syst.

Table 257: 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	[808]	2006	Int. J. Parallel Emergent Distributed Syst.	19	12 12 13	23 39	1650	n/a

G.59 Inteligencia Artif.

Table 258: 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	[918]	2005	Inteligencia Artif.	10	0 0 0	0 0	1685	n/a

G.60 Intelligent Systems Engineering

Table 259: 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	[682]	1994	Intelligent Systems Engineering	34	98 98 103	0 53	1599	n/a

G.61 Intelligenza Artificiale

Table 260: 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	1407	n/a

G.62 International Journal of Applied Management Science

Table 261: 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	1450	1749

G.63 International Journal of Industrial Engineering: Theory, Applications and Practice

Table 262: 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	[669]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0 0 0	0 0	1591	n/a

G.64 International Journal of Management Science and Engineering Management

Table 263: 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	1452	1736
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	[722]	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 264: 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	[743]	2020	International Journal of Production Economics	19	24 29 29	43 56	1622	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	1370	n/a

G.66 International Journal of Production Research

Table 265: 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	1355	1711
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	[854]	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	1412	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	[783]	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	[908]	2022	International Journal of Production Research	18	20 36 40	58 64	1678	1739
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	[705]	2020	International Journal of Production Research	18	8 10 11	23 36	1607	1754
WariZ19 WariZ19	E. Wari, W. Zhu	A Constraint Programming model for food processing industry: a case for an ice cream processing facility	No	[884]	2019	International Journal of Production Research	17	11 11 12	42 54	No	n/a

Table 265: 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	1464	n/a

G.67 International Journal of Systems Science: Operations & Logistics

Table 266: 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 267: 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	1465	1765
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	[843]	2017	J. Artif. Intell. Res.	68	12 12 21	0 0	1662	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	[824]	2014	J. Artif. Intell. Res.	38	12 13 17	0 0	1654	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	1375	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	1385	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	1392	n/a

G.69 J. Heuristics

Table 268: 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	[828]	2014	J. Heuristics	34	19 20 19	18 24	1655	n/a
NuijtenP98 NuijtenP98	W. Nuijten, C. L. Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[660]	1998	J. Heuristics	16	42 0 50	0 0	1589	n/a

G.70 J. Supercomput.

Table 269: 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	[681]	2021	J. Supercomput.	29	3 3 3	32 41	1597	n/a

G.71 J. Syst. Archit.

Table 270: 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	1527	n/a

G.72 Journal Européen des Systèmes Automatisés

Table 271: 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	1393	n/a

G.73 Journal of Applied Mathematics

Table 272: 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	1467	n/a

G.74 Journal of Intelligent Manufacturing

Table 273: 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	[914]	2016	Journal of Intelligent Manufacturing	17	28 29 31	14 22	1682	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	1557	1780
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	1514	n/a
Salido10 Salido10	M. A. Salido	Introduction to planning, scheduling and constraint satisfaction	Yes	[758]	2010	Journal of Intelligent Manufacturing	4	22 22 17	1 3	1631	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	1383	n/a

G.75 Journal of Manufacturing Systems

Table 274: 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	[678]	2015	Journal of Manufacturing Systems	12	27 28 31	17 32	1596	n/a

G.76 Journal of Marine Science and Engineering

Table 275: 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	1546	n/a

G.77 Journal of Mathematical Modelling and Algorithms

Table 276: 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	1419	n/a

G.78 Journal of Scheduling

Table 277: 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	[857]	2022	Journal of Scheduling	11	2 3 3	19 22	1416	n/a

Table 277: 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	1503	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	1422	1747
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	[841]	2018	Journal of Scheduling	17	8 9 9	26 29	1661	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	1376	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	1369	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	1529	n/a
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, P. J. Stuckey, M. G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[774]	2013	Journal of Scheduling	17	43 45 57	23 38	1638	1782
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	1488	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	1542	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	1401	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	1457	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	1534	n/a
Tsang03 Tsang03	E. P. K. Tsang	Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems	Yes	[850]	2003	Journal of Scheduling	2	1 0 0	0 0	1665	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	1386	n/a

G.79 Journal of Systems and Software

Table 278: 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	1494	n/a

G.80 Journal of the Operational Research Society

Table 279: 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	1545	n/a

G.81 Knowl. Eng. Rev.

Table 280: 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	1384	n/a

G.82 Manag. Sci.

Table 281: 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	1404	n/a

G.83 Mathematical Problems in Engineering

Table 282: 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	1482	1743

G.84 Mathematical Programming

Table 283: 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	1499	n/a

G.85 Mathematical and Computer Modelling

Table 284: 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	1395	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	1359	n/a

G.86 Mathematics

Table 285: 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	[910]	2022	Mathematics	26	6 9 9	29 37	1680	1740
GurEA19 GurEA19	Şeyda Gür, T. Eren, H. M. Alakaş	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study	Yes	[937]	2019	Mathematics	24	19 21 19	30 49	1472	n/a

G.87 OPERATIONS RESEARCH LETTERS

Table 286: 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	Yes	[269]	2003	OPERATIONS RESEARCH LETTERS	7	41 41 45	7 10	1441	n/a

G.88 Omega

Table 287: 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	1453	1716
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	1574	1724
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	[933]	2023	Omega	22	1 1 1	36 50	1694	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	1415	n/a

G.89 Oper. Res. Forum

Table 288: 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	1456	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	1454	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	[752]	2020	Oper. Res. Forum	33	2 4 5	38 46	1627	1755

G.90 Operational Research

Table 289: 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	[670]	2022	Operational Research	29	0 0 0	0 0	1592	n/a

G.91 Operations Research

Table 290: 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	1497	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 291: 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	1430	1734
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	[765]	2017	Operations Research Perspectives	11	12 18 21	20 37	1635	1771

G.93 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
ZhaoL14 ZhaoL14	Z. Zhao, X. Li	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming	Yes	[928]	2014	Operations Research for Health Care	8	40 40 50	23 34	1692	n/a

G.94 Operations research for health care

Table 293: 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	[904]	2019	Operations research for health care	11	7 7 11	15 26	1677	n/a

G.95 Production and Operations Management

Table 294: 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 295: 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	[711]	2024	Results in Control and Optimization	17	0 0 0	0 149	1609	1709

G.97 Robotics and Computer-Integrated Manufacturing

Table 296: 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	[916]	2010	Robotics and Computer-Integrated Manufacturing	19	41 42 51	16 23	1683	n/a

G.98 SN Computer Science

Table 297: 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 EtminaniesfahaniGNMS22	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	1445	n/a

G.99 SSRN Electronic Journal

Table 298: 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	1573	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	1509	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	1571	n/a

G.100 Soft Computing

Table 299: 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	1362	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	1504	1720
SubulanC22 SubulanC22	K. Subulan, G. Çakir	Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem	Yes	[803]	2022	Soft Computing	38	5 7 7	86 107	1648	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	1361	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	1363	n/a

G.101 Software: Practice and Experience

Table 300: 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	1411	n/a

G.102 Sustain. Comput. Informatics Syst.

Table 301: 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	1410	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	1469	n/a

G.103 Swarm and Evolutionary Computation

Table 302: 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	1558	n/a

G.104 The Journal of Logic Programming

Table 303: 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	1436	n/a

G.105 The Knowledge Engineering Review

Table 304: 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	1426	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	1501	n/a

G.106 Transportation Research Part B: Methodological

Table 305: 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	[738]	2007	Transportation Research Part B: Methodological	15	117 121 141	6 14	1619	n/a

G.107 Transportation Research Part C: Emerging Technologies

Table 306: 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	1476	n/a

G.108 Transportation Research Part E: Logistics and Transportation Review

Table 307: 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	[853]	2019	Transportation Research Part E: Logistics and Transportation Review	19	44 52 54	27 34	1667	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	[719]	2016	Transportation Research Part E: Logistics and Transportation Review	19	17 18 21	40 49	1611	n/a
UnsalO13 UnsalO13	O. Unsal, C. Oguz	Constraint programming approach to quay crane scheduling problem	Yes	[852]	2013	Transportation Research Part E: Logistics and Transportation Review	15	44 45 54	25 34	1666	n/a

G.109 Transportation Science

Table 308: 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 309: 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	[890]	2019	Vietnam. J. Comput. Sci.	22	0 0 0	11 16	1675	n/a

G.111 ACM Trans. Embed. Comput. Syst.

Table 310: 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	1394	n/a

G.112 ACM Trans. Intell. Syst. Technol.

Table 311: 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	[727]	2011	ACM Trans. Intell. Syst. Technol.	24	3 3 11	8 22	1615	n/a

G.113 AI Commun.

Table 312: 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	1374	n/a

G.114 AI Mag.

Table 313: 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	1389	n/a

G.115 EURO J. Comput. Optim.

Table 314: 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	1569	1723

G.116 IBM J. Res. Dev.

Table 315: 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	[668]	2004	IBM J. Res. Dev.	20	19 20 26	0 0	No	n/a

G.117 IEEE Access

Table 316: 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	1360	1714

Table 316: 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
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	[911]	2023	IEEE Access	11	0 0 0	0 29	1679	1728
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	1352	1741

G.118 IEEE Intell. Syst.

Table 317: Articles in Journal IEEE Intell. 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
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[794]	2000	IEEE Intell. Syst.	7	11 11 6	5 14	1644	n/a

G.119 IEEE Trans Autom. Sci. Eng.

Table 318: Articles in Journal IEEE Trans Autom. Sci. 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
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	[717]	2021	IEEE Trans Autom. Sci. Eng.	12	12 19 0	30 30	1612	n/a

G.120 IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.

Table 319: 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	[749]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9 9 7	27 37	1625	n/a

G.121 IEEE Trans. Engineering Management

Table 320: 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	[926]	2018	IEEE Trans. Engineering Management	18	49 56 60	28 32	1690	n/a

G.122 IEEE Trans. Parallel Distributed Syst.

Table 321: 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	1413	n/a

G.123 IEEE Trans. Syst. Man Cybern. Syst.

Table 322: 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	[784]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9 9 12	31 39	1640	1767

G.124 OR Spectrum

Table 323: 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	1579	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	[764]	2015	OR Spectrum	21	24 27 31	20 30	1634	1775
Timpe02 Timpe02	C. Timpe	Solving planning and scheduling problems with combined integer and constraint programming	Yes	[831]	2002	OR Spectrum	18	42 42 54	0 0	1656	n/a

H Background Works

Table 324: 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	[698]	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	[723]	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	[907]	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 324: 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	[782]	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	[811]	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
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

Table 324: 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
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	[712]	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 325: Most Similar Works

Work	1	2	3	4	5
AalianPG23 R&C					
Euclid	AstrandJZ18 (0.29)	PerezGSL23 (0.29)	abs-2312-13682 (0.29)	BenderWS21 (0.31)	BockmayrP06 (0.31)
Dot	LaborieRSV18 (115.00)	Dejemeppe16 (114.00)	Groleaz21 (110.00)	Lunardi20 (109.00)	Malapert11 (109.00)
Cosine	AstrandJZ18 (0.74)	PerezGSL23 (0.73)	abs-2312-13682 (0.73)	BridiBLMB16 (0.71)	BenderWS21 (0.70)
AbdennadherS99 R&C					
Euclid	FeldmanG89 (0.23)	Touraivane95 (0.25)	FalaschiGMP97 (0.25)	AngelsmarkJ00 (0.26)	DilkinaH04 (0.26)
Dot	Wallace96 (61.00)	ZarandiASC20 (61.00)	Simonis07 (59.00)	Baptiste02 (59.00)	HookerH17 (58.00)
Cosine	Bartak02 (0.67)	FeldmanG89 (0.65)	BourdaisGP03 (0.64)	abs-1902-01193 (0.63)	LammaMM97 (0.62)
AbidinK20 R&C	KizilayC20 (0.82)	PinarbasiA20 (0.87)	Pinarbasi21 (0.91)	Alaka21 (0.92)	OzturkTHO13 (0.92)
Euclid	TopalogluSS12 (0.26)	LozanoCDS12 (0.29)	BukchinR18 (0.29)	AlakaPY19 (0.30)	Alaka21 (0.30)
Dot	Dejemeppe16 (118.00)	ZarandiASC20 (116.00)	Lunardi20 (115.00)	Groleaz21 (113.00)	Malapert11 (110.00)
Cosine	TopalogluSS12 (0.79)	CilKLO22 (0.76)	LozanoCDS12 (0.73)	BukchinR18 (0.73)	Edis21 (0.73)
AbohashimaEG21 R&C					
Euclid	LiuJ06 (0.25)	Baptiste09 (0.27)	CarchraeBF05 (0.27)	KovacsEKV05 (0.28)	Caballero23 (0.28)
Dot	Lunardi20 (76.00)	ZarandiASC20 (73.00)	Groleaz21 (72.00)	IsikYA23 (65.00)	Froger16 (62.00)
Cosine	TranAB16 (0.55)	ParkUJR19 (0.54)	CilKLO22 (0.54)	LiuJ06 (0.54)	GroleazNS20a (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)	ParkUJR19 (0.37)
Dot	ZarandiASC20 (208.00)	Groleaz21 (194.00)	AbreuN22 (188.00)	AbreuPNF23 (183.00)	AbreuNP23 (182.00)
Cosine	AbreuN22 (0.89)	AbreuPNF23 (0.87)	AbreuNP23 (0.87)	MejiaY20 (0.81)	YuraszeckMPV22 (0.76)
AbreuN22 R&C	AbreuNP23 (0.73)	AbreuAPNM21 (0.75)	MejiaY20 (0.79)	AbreuPNF23 (0.79)	KelbelH11 (0.85)
Euclid	AbreuAPNM21 (0.26)	AbreuPNF23 (0.30)	AbreuNP23 (0.31)	MejiaY20 (0.37)	GedikKEK18 (0.41)
Dot	ZarandiASC20 (229.00)	Groleaz21 (214.00)	AbreuPNF23 (203.00)	AbreuNP23 (200.00)	Lunardi20 (198.00)
Cosine	AbreuAPNM21 (0.89)	AbreuPNF23 (0.87)	AbreuNP23 (0.86)	MejiaY20 (0.79)	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 (0.31)	AbreuPNF23 (0.33)	MejiaY20 (0.38)	MengZRZL20 (0.41)
Dot	ZarandiASC20 (203.00)	AbreuN22 (200.00)	AbreuPNF23 (194.00)	Groleaz21 (193.00)	MengZRZL20 (188.00)
Cosine	AbreuAPNM21 (0.87)	AbreuN22 (0.86)	AbreuPNF23 (0.84)	MejiaY20 (0.78)	MengZRZL20 (0.77)
AbreuPNF23 R&C	AbreuNP23 (0.78)	AbreuN22 (0.79)	AbreuAPNM21 (0.83)	MejiaY20 (0.92)	YuraszeckMPV22 (0.95)
Euclid	AbreuAPNM21 (0.29)	AbreuN22 (0.30)	AbreuNP23 (0.33)	MejiaY20 (0.38)	OujanaAYB22 (0.41)
Dot	ZarandiASC20 (232.00)	Groleaz21 (217.00)	AbreuN22 (203.00)	Dejemeppe16 (199.00)	Lunardi20 (197.00)
Cosine	AbreuN22 (0.87)	AbreuAPNM21 (0.87)	AbreuNP23 (0.84)	MejiaY20 (0.79)	PrataAN23 (0.77)
AbrilSB05 R&C					
Euclid	Baptiste09 (0.12)	FrostD98 (0.13)	CarchraeBF05 (0.14)	MaraveliasG04 (0.14)	KameugneF13 (0.15)
Dot	ZarandiASC20 (23.00)	Lemos21 (21.00)	LammaMM97 (20.00)	BartakSR10 (20.00)	Beck99 (19.00)
Cosine	FeldmanG89 (0.69)	BocewiczBB09 (0.60)	BartakS11 (0.59)	LammaMM97 (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 (0.27)	Hooker05b (0.29)	ZibranR11 (0.30)	PesantGPR99 (0.30)	Touraivane95 (0.30)
Dot	Malapert11 (77.00)	MilanoW09 (76.00)	Caballero19 (73.00)	LaborieRSV18 (70.00)	HarjunkoskiMBC14 (70.00)
Cosine	Thorsteinsson01 (0.68)	Hooker05b (0.64)	Davis87 (0.62)	HarjunkoskiJG00 (0.62)	PesantGPR99 (0.61)
Acuna-AgostMFG09 R&C	MarliereSPR23 (0.99)	Rodriguez07 (0.99)			
Euclid	Baptiste09 (0.18)	AbrilSB05 (0.20)	CarchraeBF05 (0.20)	AngelsmarkJ00 (0.21)	Caballero23 (0.22)
Dot	Lemos21 (46.00)	MarliereSPR23 (45.00)	CappartS17 (40.00)	PourDERB18 (39.00)	Froger16 (39.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	RodriguezDG02 (0.68)	MartinPY01 (0.63)	CappartS17 (0.62)	PesantGPR99 (0.61)	Baptiste09 (0.61)
Adelgren2023 R&C	AwadMDMT22 (0.94)	RoePS05 (0.95)	MaraveliasCG04 (0.96)	SadykovW06 (0.96)	Beck10 (0.96)
Euclid	FontaineMH16 (0.34)	BenediktSMVH18 (0.35)	CatusseCBL16 (0.35)	Ham18a (0.36)	NishikawaSTT19 (0.36)
Dot	Groleaz21 (151.00)	ZarandiASC20 (139.00)	Astrand21 (132.00)	Baptiste02 (132.00)	NaderiRR23 (129.00)
Cosine	Ham18a (0.70)	FontaineMH16 (0.70)	HeinzNVH22 (0.69)	HamFC17 (0.67)	abs-2305-19888 (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 (0.37)	LiFJZLL22 (0.37)	KhayatLR06 (0.38)	WatsonB08 (0.39)
Dot	Lunardi20 (193.00)	ZarandiASC20 (190.00)	Groleaz21 (181.00)	Astrand21 (178.00)	Dejemeppe16 (168.00)
Cosine	ZhangYW21 (0.74)	Beck07 (0.73)	CzerniachowskaWZ23 (0.72)	LiFJZLL22 (0.72)	Lunardi20 (0.72)
AggounB93 R&C	BeldiceanuC94 (0.87)	PoderBS04 (0.89)	DincbasSH90 (0.92)	BeldiceanuCP08 (0.92)	Vilim11 (0.93)
Euclid	Goltz95 (0.32)	DincbasSH90 (0.34)	BeldiceanuCP08 (0.37)	Pape94 (0.38)	Zhou96 (0.38)
Dot	Baptiste02 (133.00)	Malapert11 (132.00)	Dejemeppe16 (125.00)	LaborieRSV18 (121.00)	Beck99 (121.00)
Cosine	Goltz95 (0.76)	DincbasSH90 (0.71)	TrentesauxPT01 (0.69)	RoePS05 (0.67)	Pape94 (0.66)
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 (0.21)	LombardiM13 (0.30)	ZibranR11 (0.31)	ZibranR11a (0.31)	BonfiettiM12 (0.31)
Dot	Lombardi10 (108.00)	LombardiM12 (97.00)	ZarandiASC20 (96.00)	LaborieRSV18 (94.00)	LiW08 (92.00)
Cosine	BhatnagarKL19 (0.84)	TranVNB17 (0.68)	LiW08 (0.68)	BeniniLMR11 (0.68)	UnsalO19 (0.67)
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 (0.32)	BenediktSMVH18 (0.33)	SadykovW06 (0.33)	HeipckeCCS00 (0.34)	Sadykov04 (0.34)
Dot	Groleaz21 (138.00)	ZarandiASC20 (133.00)	Baptiste02 (133.00)	Dejemeppe16 (118.00)	Godet21a (115.00)
Cosine	Limtanyakul07 (0.70)	HeipckeCCS00 (0.68)	SadykovW06 (0.68)	BenediktSMVH18 (0.68)	HanenKP21 (0.67)
AkramNHRSA23 R&C					
Euclid	GomesHS06 (0.23)	QuSN06 (0.24)	SunLYL10 (0.24)	JungblutK22 (0.25)	BockmayrP06 (0.25)
Dot	Groleaz21 (86.00)	ZarandiASC20 (81.00)	Dejemeppe16 (78.00)	Astrand21 (76.00)	Lombardi10 (76.00)
Cosine	BockmayrP06 (0.70)	GomesHS06 (0.70)	Alaka21 (0.70)	CambazardHDJT04 (0.69)	AlakaPY19 (0.69)
Alaka21 R&C	AlakaPY19 (0.41)	AlakaP23 (0.69)	PinarbasiA20 (0.74)	Pinarbasi21 (0.75)	PinarbasiAY19 (0.83)
Euclid	AlakaPY19 (0.11)	AlakaP23 (0.15)	VanczaM01 (0.21)	PinarbasiAY19 (0.24)	LozanoCDS12 (0.25)
Dot	Astrand21 (101.00)	ZarandiASC20 (98.00)	Groleaz21 (97.00)	Lunardi20 (94.00)	Dejemeppe16 (94.00)
Cosine	AlakaPY19 (0.95)	AlakaP23 (0.92)	PinarbasiAY19 (0.84)	VanczaM01 (0.83)	CilKLO22 (0.76)
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)	PinarbasiAY19 (0.24)	VanczaM01 (0.25)	NishikawaSTT18a (0.27)
Dot	Astrand21 (110.00)	ZarandiASC20 (107.00)	Lunardi20 (103.00)	Groleaz21 (103.00)	Edis21 (100.00)
Cosine	AlakaPY19 (0.92)	Alaka21 (0.92)	PinarbasiAY19 (0.84)	VanczaM01 (0.77)	CilKLO22 (0.77)
AlakaPY19 R&C	Alaka21 (0.41)	PinarbasiAY19 (0.62)	PinarbasiA20 (0.71)	AlakaP23 (0.76)	KizilayC20 (0.83)
Euclid	Alaka21 (0.11)	AlakaP23 (0.15)	VanczaM01 (0.23)	QuSN06 (0.23)	LozanoCDS12 (0.24)
Dot	Astrand21 (86.00)	Groleaz21 (85.00)	Lunardi20 (83.00)	ZarandiASC20 (82.00)	CilKLO22 (81.00)
Cosine	Alaka21 (0.95)	AlakaP23 (0.92)	PinarbasiAY19 (0.81)	VanczaM01 (0.78)	LozanoCDS12 (0.74)
AlesioBNG15 R&C	AlesioNBG14 (0.62)	GrimesH15 (0.96)	CambazardHDJT04 (0.96)	GilesH16 (0.96)	DejemeppeD14 (0.97)
Euclid	AlesioNBG14 (0.26)	CambazardHDJT04 (0.33)	AkramNHRSA23 (0.34)	ZibranR11a (0.35)	BarzegaranZP20 (0.35)
Dot	ZarandiASC20 (133.00)	Groleaz21 (130.00)	Lombardi10 (123.00)	Dejemeppe16 (120.00)	Astrand21 (117.00)
Cosine	AlesioNBG14 (0.82)	CambazardHDJT04 (0.72)	HladikCDJ08 (0.67)	AkramNHRSA23 (0.66)	NishikawaSTT19 (0.66)
AlesioNBG14 R&C	AlesioBNG15 (0.62)	YunG02 (0.91)	CambazardHDJT04 (0.91)	GilesH16 (0.92)	MalapertCGJLR12 (0.92)
Euclid	AlesioBNG15 (0.26)	WolfS05 (0.32)	CambazardHDJT04 (0.33)	SimoninAHL12 (0.33)	BeniniBGM05a (0.33)
Dot	Dejemeppe16 (122.00)	Groleaz21 (122.00)	Godet21a (113.00)	ZarandiASC20 (112.00)	Lombardi10 (109.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	AlesioBNG15 (0.82)	CambazardHDJT04 (0.69)	KhayatLR06 (0.67)	SimoninAHL12 (0.65)	Wolf09 (0.65)
AlfieriGPS23 R&C	ColT2019a (0.96)	ColT19 (0.96)	NaderiRR23 (0.97)	ParkUJR19 (0.98)	HauderBRPA20 (0.98)
Euclid	BogaerdtW19 (0.37)	LiFJZLL22 (0.37)	Beck06 (0.38)	AbreuAPNM21 (0.38)	ZhangJZL22 (0.39)
Dot	ZarandiASC20 (190.00)	Groleaz21 (172.00)	PrataAN23 (167.00)	IsikYA23 (160.00)	NaderiRR23 (160.00)
Cosine	PrataAN23 (0.74)	AbreuAPNM21 (0.73)	AbreuPNF23 (0.72)	AbreuN22 (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 (0.27)	LombardiM12a (0.28)	KovacsEKV05 (0.28)
Dot	Godet21a (101.00)	BoudreaultSLQ22 (93.00)	Groleaz21 (90.00)	Caballero19 (87.00)	PovedaAA23 (85.00)
Cosine	SzerediS16 (0.77)	BoudreaultSLQ22 (0.72)	LombardiM13 (0.72)	BofillCSV17 (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 (0.11)	HebrardTW05 (0.13)	Baptiste09 (0.13)	KovacsEKV05 (0.14)	LiuJ06 (0.14)
Dot	BartakSR10 (36.00)	Beck99 (36.00)	Siala15a (36.00)	Baptiste02 (36.00)	Fahimi16 (36.00)
Cosine	Caseau97 (0.79)	CarchraeBF05 (0.78)	Rit86 (0.77)	CrawfordB94 (0.74)	BarlattCG08 (0.74)
AntunesABD18 R&C	AntunesABD20 (0.60)	FrohnerTR19 (0.97)	ArmstrongGOS22 (0.97)	HoYCLLCLC18 (0.97)	Ham18 (0.97)
Euclid	AntunesABD20 (0.15)	ZibranR11 (0.27)	ZibranR11a (0.29)	BockmayrP06 (0.29)	ChapadosJR11 (0.30)
Dot	Lombardi10 (94.00)	HarjunkoskiMBC14 (94.00)	Malapert11 (92.00)	Froger16 (89.00)	Dejemeppe16 (88.00)
Cosine	AntunesABD20 (0.92)	ZibranR11 (0.66)	UnsalO19 (0.66)	BockmayrP06 (0.65)	BeniniLMR11 (0.65)
AntunesABD20 R&C	AntunesABD18 (0.60)	HoYCLLCLC18 (0.97)	Ham18 (0.97)	MusliuSS18 (0.97)	HechingHK19 (0.98)
Euclid	AntunesABD18 (0.15)	ZibranR11 (0.31)	BockmayrP06 (0.32)	ZibranR11a (0.33)	ChapadosJR11 (0.33)
Dot	Malapert11 (99.00)	HarjunkoskiMBC14 (99.00)	ZarandiASC20 (98.00)	Groleaz21 (93.00)	Lunardi20 (91.00)
Cosine	AntunesABD18 (0.92)	BockmayrP06 (0.61)	MaraveliasCG04 (0.60)	ZibranR11 (0.59)	UnsalO19 (0.58)
AntuoriHHEN20 R&C	DavenportKRSH07 (0.90)	WatsonB08 (0.92)	SimoninAHL15 (0.92)	CarchraeB09 (0.93)	BeldiceanuP07 (0.93)
Euclid	AntuoriHHEN21 (0.30)	Alaka21 (0.38)	BockmayrP06 (0.38)	KuchcinskiW03 (0.38)	AlakaPY19 (0.38)
Dot	Groleaz21 (148.00)	Dejemeppe16 (144.00)	Lombardi10 (139.00)	ZarandiASC20 (134.00)	Astrand21 (130.00)
Cosine	AntuoriHHEN21 (0.80)	MonetteDH09 (0.67)	PinarbasiAY19 (0.64)	Alaka21 (0.64)	HeipckeCCS00 (0.64)
AntuoriHHEN21 R&C					
Euclid	AntuoriHHEN20 (0.30)	BockmayrP06 (0.33)	MakMS10 (0.33)	LozanoCDS12 (0.33)	BukchinR18 (0.34)
Dot	Groleaz21 (126.00)	ZarandiASC20 (114.00)	AntuoriHHEN20 (112.00)	Astrand21 (108.00)	Dejemeppe16 (108.00)
Cosine	AntuoriHHEN20 (0.80)	MonetteDH09 (0.67)	Colombani96 (0.65)	MakMS10 (0.65)	BockmayrP06 (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 (0.75)
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 (0.29)	HillTV21 (0.30)	LiessM08 (0.30)	KovacsV06 (0.31)	VilimLS15 (0.31)
Dot	Schutt11 (169.00)	Godet21a (165.00)	Groleaz21 (164.00)	Baptiste02 (162.00)	Lombardi10 (156.00)
Cosine	VilimLS15 (0.81)	HeipckeCCS00 (0.80)	HillTV21 (0.80)	DemasseyAM05 (0.78)	LiessM08 (0.78)
ArmstrongGOS21 R&C	TangB20 (0.86)	RendlPHPR12 (0.93)	LaborieRSV18 (0.99)		
Euclid	JuvinHL23 (0.46)	ArmstrongGOS22 (0.47)	CzerniachowskaWZ23 (0.47)	ZhouGL15 (0.48)	LiFJZLL22 (0.48)
Dot	Lunardi20 (193.00)	Groleaz21 (182.00)	Malapert11 (180.00)	ZarandiASC20 (174.00)	Astrand21 (172.00)
Cosine	CzerniachowskaWZ23 (0.66)	JuvinHL23 (0.66)	ArmstrongGOS22 (0.66)	ZhouGL15 (0.65)	LiFJZLL22 (0.63)
ArmstrongGOS22 R&C	GroleazNS20 (0.92)	ParkUJR19 (0.94)	Laborie18a (0.96)	ColT2019a (0.96)	ColT19 (0.96)
Euclid	LiLZDZW24 (0.36)	ZhouGL15 (0.36)	JuvinHL23 (0.37)	ZhangJZL22 (0.37)	PerezGSL23 (0.37)
Dot	ArmstrongGOS21 (126.00)	IsikYA23 (122.00)	Astrand21 (121.00)	Lunardi20 (118.00)	Groleaz21 (118.00)
Cosine	ZhouGL15 (0.71)	ZhangJZL22 (0.66)	ArmstrongGOS21 (0.66)	LiLZDZW24 (0.65)	JuvinHL23 (0.65)
AronssonBK09 R&C					
Euclid	Acuna-AgostMFG09 (0.27)	HebrardTW05 (0.28)	Caseau97 (0.28)	AngelsmarkJ00 (0.28)	Hooker17 (0.29)
Dot	Malapert11 (76.00)	LaborieRSV18 (75.00)	Lemos21 (73.00)	Groleaz21 (65.00)	Godet21a (64.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Rodriguez07 (0.63)	Geske05 (0.62)	PourDERB18 (0.61)	Caseau97 (0.61)	GeitzGSSW22 (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 (0.28)	MenciaSV13 (0.29)	CauwelaertDMS16 (0.30)
Dot	Baptiste02 (150.00)	Groleaz21 (146.00)	Malapert11 (144.00)	GrimesH15 (140.00)	Dejemeppe16 (138.00)
Cosine	ArtiguesF07 (0.92)	TanSD10 (0.83)	FocacciLN00 (0.83)	OrnekO16 (0.81)	MenciaSV13 (0.80)
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 (0.30)	DejemeppeCS15 (0.31)
Dot	Groleaz21 (166.00)	Baptiste02 (161.00)	Malapert11 (157.00)	Dejemeppe16 (155.00)	GrimesH15 (152.00)
Cosine	ArtiguesBF04 (0.92)	TanSD10 (0.83)	FocacciLN00 (0.82)	MenciaSV12 (0.81)	MenciaSV13 (0.80)
ArtiguesHQT21 R&C					
Euclid	Caballero23 (0.30)	CarlierPSJ20 (0.31)	DoomsH08 (0.31)	WuBB05 (0.32)	LauLN08 (0.32)
Dot	ZarandiASC20 (91.00)	Lombardi10 (88.00)	Groleaz21 (86.00)	Baptiste02 (86.00)	BaptistePN99 (86.00)
Cosine	BaptistePN99 (0.69)	CarlierPSJ20 (0.68)	HanenKP21 (0.66)	NattafHKAL19 (0.64)	HeipckeCCS00 (0.64)
ArtiguesL14 R&C	NattafAL15 (0.75)	NattafAL17 (0.78)	DerrienP14 (0.80)	ArtiguesLH13 (0.81)	Tesch18 (0.86)
Euclid	NattafAL15 (0.22)	NattafALR16 (0.24)	NattafHKAL19 (0.25)	NattafAL17 (0.27)	CarlierPSJ20 (0.28)
Dot	Lombardi10 (123.00)	Baptiste02 (121.00)	Fahimi16 (117.00)	NattafALR16 (111.00)	NattafAL15 (110.00)
Cosine	NattafAL15 (0.87)	NattafALR16 (0.86)	NattafHKAL19 (0.82)	NattafAL17 (0.79)	CarlierPSJ20 (0.77)
ArtiguesLH13 R&C	ArtiguesL14 (0.81)	NattafAL15 (0.85)	NattafALR16 (0.90)	NishikawaSTT18 (0.93)	NattafHKAL19 (0.94)
Euclid	HanenKP21 (0.34)	JainG01 (0.34)	CarlierPSJ20 (0.35)	Limtanyakul07 (0.36)	QuirogaZH05 (0.36)
Dot	Baptiste02 (183.00)	Lombardi10 (178.00)	Groleaz21 (169.00)	Dejemeppe16 (165.00)	ZarandiASC20 (161.00)
Cosine	JainG01 (0.77)	HanenKP21 (0.77)	Limtanyakul07 (0.75)	CarlierPSJ20 (0.75)	QuirogaZH05 (0.73)
ArtiguesR00 R&C	DilkinaDH05 (0.90)	GeibingerMM19 (0.94)	HeckmanB11 (0.96)	BruckerK00 (0.96)	EsquirolLH2008 (0.97)
Euclid	HentenryckM04 (0.32)	OzturkTHO12 (0.34)	BhatnagarKL19 (0.35)	CestaOF99 (0.36)	PacinoH11 (0.36)
Dot	Groleaz21 (156.00)	Baptiste02 (151.00)	Dejemeppe16 (143.00)	ZarandiASC20 (142.00)	Malapert11 (135.00)
Cosine	HentenryckM04 (0.74)	Pralet17 (0.71)	OzturkTHO12 (0.70)	OddiRCS11 (0.69)	Laborie05 (0.68)
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 (0.32)	TorresL00 (0.32)
Dot	Baptiste02 (155.00)	Fahimi16 (148.00)	Dejemeppe16 (143.00)	Malapert11 (136.00)	Lombardi10 (135.00)
Cosine	BeckF99 (0.76)	VilimBC05 (0.76)	VilimBC04 (0.75)	TorresL00 (0.75)	GokgurHO18 (0.75)
Astrand0F21 R&C	AstrandJZ18 (0.76)	AstrandJZ20 (0.83)	SialaAH15 (0.90)	AntuoriHHEN20 (0.94)	GaySS14 (0.94)
Euclid	PacinoH11 (0.29)	AstrandJZ20 (0.31)	KhayatLR06 (0.31)	AstrandJZ18 (0.32)	HeipckeCCS00 (0.32)
Dot	Astrand21 (157.00)	Dejemeppe16 (137.00)	LaborieRSV18 (133.00)	Groleaz21 (133.00)	AstrandJZ20 (131.00)
Cosine	AstrandJZ20 (0.81)	PacinoH11 (0.77)	KhayatLR06 (0.75)	OzturkTHO15 (0.73)	FontaineMH16 (0.73)
Astrand21 R&C					
Euclid	AstrandJZ20 (0.42)	JainM99 (0.53)	BartakSR08 (0.54)	Astrand0F21 (0.54)	AfsarVPG23 (0.55)
Dot	ZarandiASC20 (311.00)	Groleaz21 (301.00)	Dejemeppe16 (273.00)	Baptiste02 (270.00)	Lombardi10 (265.00)
Cosine	AstrandJZ20 (0.84)	JainM99 (0.71)	Lunardi20 (0.70)	Groleaz21 (0.70)	Astrand0F21 (0.69)
AstrandJZ18 R&C	AstrandJZ20 (0.62)	Astrand0F21 (0.76)	GrimesHM09 (0.91)	Davenport10 (0.92)	Limtanyakul07 (0.92)
Euclid	BockmayrP06 (0.24)	TranVNB17a (0.25)	BoothNB16 (0.26)	ChapadosJR11 (0.26)	LozanoCDS12 (0.26)
Dot	Astrand21 (106.00)	Malapert11 (103.00)	Dejemeppe16 (100.00)	Lombardi10 (99.00)	Fahimi16 (97.00)
Cosine	BockmayrP06 (0.77)	AalianPG23 (0.74)	QuirogaZH05 (0.74)	BoothNB16 (0.74)	ChapadosJR11 (0.74)
AstrandJZ20 R&C	AstrandJZ18 (0.62)	Astrand0F21 (0.83)	CampeauG22 (0.89)	GroleazNS20 (0.92)	BlomBPS14 (0.93)
Euclid	Astrand0F21 (0.31)	BeckPS03 (0.34)	HeckmanB11 (0.35)	Beck07 (0.35)	PacinoH11 (0.35)
Dot	Astrand21 (220.00)	Groleaz21 (195.00)	Dejemeppe16 (186.00)	ZarandiASC20 (182.00)	LaborieRSV18 (174.00)
Cosine	Astrand21 (0.84)	Astrand0F21 (0.81)	BeckPS03 (0.77)	HeckmanB11 (0.75)	Beck07 (0.75)
AwadMDMT22 R&C	AbreuNP23 (0.75)	KlankeBYE21 (0.78)	HeinzNVH22 (0.86)	AbreuN22 (0.91)	EscobetPQPRA19 (0.92)
Euclid	Novas19 (0.39)	NovaraNH16 (0.40)	OzturkTHO12 (0.41)	KhayatLR06 (0.42)	OrnekO16 (0.42)
Dot	Groleaz21 (238.00)	ZarandiASC20 (226.00)	Dejemeppe16 (219.00)	Malapert11 (210.00)	Baptiste02 (208.00)
Cosine	Novas19 (0.77)	NovaraNH16 (0.75)	OrnekO16 (0.73)	OzturkTHO12 (0.73)	KhayatLR06 (0.72)
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)	LombardiM13 (0.36)
Dot	Schutt11 (131.00)	Malapert11 (124.00)	Lombardi10 (122.00)	ZarandiASC20 (118.00)	Astrand21 (118.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	BadicaBIL19 (0.78)	LombardiBM15 (0.68)	FortinZDF05 (0.66)	WikarekS19 (0.65)	BofillCSV17a (0.65)
BadicaBIL19 R&C	BadicaBI20 (0.57)	ZarandiASC20 (0.98)			
Euclid	FalaschiGMP97 (0.24)	Touraivane95 (0.26)	ChapadosJR11 (0.27)	ZibranR11 (0.28)	WallaceF00 (0.28)
Dot	BadicaBI20 (77.00)	Malapert11 (68.00)	ZarandiASC20 (59.00)	Schutt11 (59.00)	TrentesauxPT01 (58.00)
Cosine	BadicaBI20 (0.78)	FalaschiGMP97 (0.64)	AstrandJZ18 (0.58)	GruianK98 (0.57)	Touraivane95 (0.57)
BajestaniB11 R&C	WuBB09 (0.98)	BidotVLB09 (0.98)	Hooker05 (0.99)		
Euclid	ChuX05 (0.29)	Beck10 (0.30)	HeinzKB13 (0.30)	BajestaniB13 (0.30)	CireCH13 (0.31)
Dot	BajestaniB13 (134.00)	Lombardi10 (113.00)	Hooker19 (107.00)	Froger16 (106.00)	HarjunkoskiMBC14 (106.00)
Cosine	BajestaniB13 (0.85)	CobanH11 (0.74)	ChuX05 (0.73)	Beck10 (0.72)	HeinzKB13 (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 (0.40)	HeinzKB13 (0.41)	ElciOH22 (0.41)	Beck10 (0.42)
Dot	Groleaz21 (193.00)	ZarandiASC20 (185.00)	Lombardi10 (177.00)	LaborieRSV18 (159.00)	Baptiste02 (158.00)
Cosine	BajestaniB11 (0.85)	CobanH11 (0.72)	Hooker19 (0.70)	ElciOH22 (0.70)	HeinzKB13 (0.69)
BajestaniB15 R&C	GuyonLPR12 (0.88)	CireCH13 (0.90)	CobanH10 (0.92)	CireCH16 (0.92)	TranAB16 (0.92)
Euclid	PenzDN23 (0.34)	HamdiL13 (0.36)	Beck10 (0.37)	BajestaniB11 (0.38)	KrogtLPHJ07 (0.40)
Dot	ZarandiASC20 (169.00)	Groleaz21 (154.00)	Astrand21 (145.00)	Lombardi10 (144.00)	Lunardi20 (136.00)
Cosine	PenzDN23 (0.75)	HamdiL13 (0.71)	Beck10 (0.68)	BajestaniB11 (0.67)	BajestaniB13 (0.66)
Balduccini11 R&C	ColT19 (0.87)	Simonis95 (0.92)	SchuttWS05 (0.92)	AggounV04 (0.92)	SimonisCK00 (0.93)
Euclid	ChuGNSW13 (0.25)	Hooker17 (0.26)	SmithC93 (0.26)	GelainPRVW17 (0.28)	HookerY02 (0.28)
Dot	Baptiste02 (94.00)	Lombardi10 (88.00)	Malapert11 (88.00)	Groleaz21 (88.00)	Dejemeppe16 (87.00)
Cosine	ChuGNSW13 (0.73)	SmithC93 (0.73)	Madi-WambaLOBM17 (0.71)	HentenryckM04 (0.68)	Hooker17 (0.68)
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 (0.20)	CarchraeBF05 (0.21)	FrostD98 (0.21)	LiuLH19 (0.21)	GelainPRVW17 (0.22)
Dot	Siala15a (56.00)	Dejemeppe16 (55.00)	Godet21a (51.00)	Beck99 (50.00)	LaborieRSV18 (49.00)
Cosine	LiuLH19 (0.77)	GelainPRVW17 (0.68)	ErkingerM17 (0.66)	FeldmanG89 (0.65)	KuchcinskiW03 (0.64)
Baptiste02 R&C					
Euclid	BartakSR10 (0.53)	PapaB98 (0.54)	GokgurHO18 (0.54)	BartakSR08 (0.57)	Fahimi16 (0.57)
Dot	ZarandiASC20 (333.00)	Groleaz21 (327.00)	Dejemeppe16 (308.00)	Malapert11 (303.00)	Lombardi10 (293.00)
Cosine	GokgurHO18 (0.76)	BartakSR10 (0.76)	PapaB98 (0.76)	BartakSR08 (0.73)	Fahimi16 (0.73)
Baptiste09 R&C					
Euclid	CarchraeBF05 (0.09)	Caballero23 (0.12)	AbrilSB05 (0.12)	FrostD98 (0.13)	MaraveliasG04 (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)	BofillGSV15 (0.65)
BaptisteB18 R&C	OuelletQ13 (0.72)	GroleazNS20a (0.81)	KameugneF13 (0.82)	KameugneFSN14 (0.83)	OuelletQ18 (0.86)
Euclid	LiessM08 (0.28)	Caseau97 (0.29)	BaptisteP97 (0.30)	ArkhipovBL19 (0.31)	YoungFS17 (0.31)
Dot	Schutt11 (143.00)	Godet21a (139.00)	Lombardi10 (134.00)	Baptiste02 (133.00)	Dejemeppe16 (129.00)
Cosine	BaptisteP97 (0.79)	LiessM08 (0.78)	ArkhipovBL19 (0.78)	BaptisteP00 (0.76)	Caseau97 (0.76)
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 (0.30)	DemasseyAM05 (0.30)	LiessM08 (0.32)
Dot	Baptiste02 (184.00)	Lombardi10 (174.00)	Godet21a (167.00)	PapeB97 (166.00)	Malapert11 (166.00)
Cosine	BaptisteP97 (0.96)	PapeB97 (0.88)	BaptistePN99 (0.82)	DemasseyAM05 (0.81)	PapaB98 (0.79)
BaptisteP95 R&C					
Euclid	BeckF99 (0.31)	BeckF00a (0.32)	OzturkTHO12 (0.33)	BartakSR08 (0.33)	CauwelaertDMS16 (0.33)
Dot	Baptiste02 (165.00)	Fahimi16 (159.00)	Lombardi10 (153.00)	PapaB98 (147.00)	Schutt11 (147.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	PapaB98 (0.80)	BartakSR08 (0.77)	GokgurHO18 (0.76)	BeckF00a (0.76)	ChenGPSH10 (0.76)
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 (0.28)	BofillCSV17a (0.30)
Dot	Baptiste02 (180.00)	Lombardi10 (171.00)	Godet21a (169.00)	Schutt11 (165.00)	Dejemeppe16 (164.00)
Cosine	BaptisteP00 (0.96)	DemasseyAM05 (0.87)	BaptistePN99 (0.86)	PapeB97 (0.84)	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 (0.30)	CarlierPSJ20 (0.30)	HanenKP21 (0.32)
Dot	Baptiste02 (189.00)	Lombardi10 (168.00)	Groleaz21 (167.00)	Godet21a (166.00)	Dejemeppe16 (162.00)
Cosine	BaptisteP97 (0.86)	BaptisteP00 (0.82)	DemasseyAM05 (0.82)	CarlierPSJ20 (0.79)	HanenKP21 (0.78)
BarbulescuWH04 R&C					
Euclid	AngelsmarkJ00 (0.24)	MurphyRFSS97 (0.26)	GlobusCLP04 (0.26)	LudwigKRBMS14 (0.26)	FukunagaHFAMN02 (0.27)
Dot	ZarandiASC20 (84.00)	Astrand21 (79.00)	Beck99 (78.00)	Godet21a (76.00)	Lombardi10 (75.00)
Cosine	GlobusCLP04 (0.74)	AngelsmarkJ00 (0.74)	Salido10 (0.70)	JussienL02 (0.69)	MurphyRFSS97 (0.67)
BarlattCG08 R&C	ElkhyariGJ02 (0.93)	NuijtenA96 (0.93)	HebrardHJMPV16 (0.94)	BertholdHLMS10 (0.95)	WikarekS19 (0.95)
Euclid	AngelsmarkJ00 (0.15)	CarchraeBF05 (0.18)	KovacsEKV05 (0.19)	Baptiste09 (0.19)	HebrardTW05 (0.20)
Dot	Lunardi20 (48.00)	Lombardi10 (46.00)	HarjunkoskiMBC14 (46.00)	Astrand21 (46.00)	LaborieRSV18 (45.00)
Cosine	AngelsmarkJ00 (0.74)	LudwigKRBMS14 (0.64)	BeniniBGM05a (0.64)	Tom19 (0.62)	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)	GarridoOS08 (0.28)	KovacsV04 (0.28)	ChuGNSW13 (0.28)
Dot	Baptiste02 (118.00)	Malapert11 (114.00)	Fahimi16 (112.00)	Siala15a (107.00)	Dejemeppe16 (104.00)
Cosine	Bartak02a (0.82)	BrusoniCLMMT96 (0.76)	BeckF00a (0.75)	KovacsV04 (0.75)	Pape94 (0.74)
Bartak02a R&C	Bartak02 (0.69)	BartakS11 (0.92)	VilimBC04 (0.92)	VilimBC05 (0.93)	MonetteDD07 (0.95)
Euclid	KovacsV04 (0.21)	Bartak02 (0.23)	BartakCS10 (0.24)	ValleMGT03 (0.25)	ChuGNSW13 (0.25)
Dot	Baptiste02 (132.00)	Lombardi10 (118.00)	Fahimi16 (118.00)	Beck99 (117.00)	Malapert11 (117.00)
Cosine	KovacsV04 (0.86)	Bartak02 (0.82)	BartakSR08 (0.81)	BartakCS10 (0.80)	Pape94 (0.78)
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)	Junker00 (0.26)	LombardiM13 (0.27)	WallaceF00 (0.27)	OddiRC10 (0.27)
Dot	Baptiste02 (109.00)	Astrand21 (104.00)	Godet21a (100.00)	Lombardi10 (100.00)	Dejemeppe16 (99.00)
Cosine	Bartak02a (0.80)	CestaOF99 (0.77)	Junker00 (0.75)	KovacsV04 (0.74)	CestaOS00 (0.74)
BartakS11 R&C	Salido10 (0.75)	VilimBC04 (0.86)	VilimBC05 (0.88)	Colombani96 (0.88)	Rodriguez07 (0.89)
Euclid	GelainPRVW17 (0.25)	Salido10 (0.25)	FukunagaHFAMN02 (0.26)	DilkinaH04 (0.26)	LiuLH19 (0.26)
Dot	Beck99 (92.00)	Godet21a (89.00)	Lombardi10 (89.00)	Lemos21 (89.00)	Dejemeppe16 (86.00)
Cosine	Salido10 (0.75)	GelainPRVW17 (0.71)	LiuLH19 (0.71)	GarridoOS08 (0.70)	Madi-WambaLOBM17 (0.69)
BartakSR08 R&C	BartakSR10 (0.74)	GarridoAO09 (0.89)	Laborie03 (0.89)	BaptisteLPN06 (0.89)	BriandHHL08 (0.91)
Euclid	MalapertCGJLR13 (0.28)	KovacsV04 (0.29)	TorresL00 (0.29)	Bartak02a (0.29)	NuijtenP98 (0.30)
Dot	Baptiste02 (195.00)	BartakSR10 (183.00)	Dejemeppe16 (177.00)	Groleaz21 (177.00)	Malapert11 (175.00)
Cosine	BartakSR10 (0.88)	GokgurHO18 (0.83)	MalapertCGJLR13 (0.82)	TorresL00 (0.82)	NuijtenP98 (0.81)
BartakSR10 R&C	BartakSR08 (0.74)	SadehF96 (0.90)	BaptisteLPN06 (0.92)	EsquirolLH2008 (0.92)	BeckF00 (0.92)
Euclid	BartakSR08 (0.30)	GokgurHO18 (0.38)	BeckDDF98 (0.41)	TorresL00 (0.42)	BeckF00 (0.42)
Dot	Baptiste02 (263.00)	Groleaz21 (243.00)	Dejemeppe16 (241.00)	ZarandiASC20 (236.00)	Malapert11 (232.00)
Cosine	BartakSR08 (0.88)	GokgurHO18 (0.81)	BeckDDF98 (0.77)	Baptiste02 (0.76)	FahimiOQ18 (0.76)
BartakV15 R&C					
Euclid	BidotVLB07 (0.27)	LuoVLBM16 (0.28)	FoxAS82 (0.29)	WallaceF00 (0.29)	LeeKLKKYHP97 (0.29)
Dot	ZarandiASC20 (99.00)	Astrand21 (91.00)	Groleaz21 (89.00)	Baptiste02 (89.00)	BidotVLB09 (88.00)
Cosine	BidotVLB07 (0.71)	BidotVLB09 (0.69)	NovasH10 (0.68)	BeckPS03 (0.67)	LuoVLBM16 (0.65)
BartoliniBBLM14 R&C	GilesH16 (0.78)	BridiBLMB16 (0.90)	BorghesiBLMB18 (0.92)	BaptisteLPN06 (0.93)	CohenHB17 (0.93)
Euclid	GalleguillosKSB19 (0.23)	Limtanyakul07 (0.27)	Hooker17 (0.28)	BonfiettiM12 (0.28)	BridiLBBM16 (0.28)
Dot	LaborieRSV18 (85.00)	Dejemeppe16 (85.00)	Lombardi10 (83.00)	Hooker19 (79.00)	Groleaz21 (79.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GalleguillosKSB19 (0.78)	BridiBLMB16 (0.71)	ZeballosH05 (0.70)	BorghesiBLMB18 (0.69)	HentenryckM04 (0.69)
BarzegaranZP20 R&C					
Euclid	ZibranR11 (0.24)	GomesHS06 (0.24)	ZibranR11a (0.25)	BoothNB16 (0.26)	AngelsmarkJ00 (0.26)
Dot	Groleaz21 (80.00)	ZarandiASC20 (76.00)	Astrand21 (75.00)	Froger16 (72.00)	HarjunkoskiMBC14 (71.00)
Cosine	FallahiAC20 (0.72)	BoothNB16 (0.71)	Madi-WambaLOBM17 (0.68)	MontemanniD23a (0.68)	ZibranR11a (0.67)
Beck06 R&C					
Euclid	WatsonB08 (0.21)	Beck07 (0.22)	HeckmanB11 (0.24)	CarchraeB09 (0.24)	BeckW05 (0.25)
Dot	Groleaz21 (114.00)	GrimesH15 (112.00)	ZarandiASC20 (110.00)	Dejemeppe16 (109.00)	Beck99 (107.00)
Cosine	Beck07 (0.87)	WatsonB08 (0.86)	HeckmanB11 (0.85)	CarchraeB09 (0.84)	BeckFW11 (0.83)
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)	BeckFW11 (0.26)	BeckW05 (0.27)
Dot	Groleaz21 (139.00)	Astrand21 (137.00)	Lombardi10 (134.00)	Schutt11 (133.00)	Beck99 (132.00)
Cosine	HeckmanB11 (0.88)	Beck06 (0.87)	WatsonB08 (0.86)	BeckFW11 (0.82)	BeckPS03 (0.80)
Beck10 R&C	Hooker05 (0.68)	CobanH11 (0.71)	CireCH16 (0.72)	ChuX05 (0.74)	Hooker05a (0.75)
Euclid	CireCH13 (0.24)	HookerY02 (0.25)	HeinzKB13 (0.27)	Limtanyakul07 (0.27)	ChuX05 (0.27)
Dot	Lombardi10 (100.00)	BajestaniB13 (96.00)	JuvinHL23a (93.00)	MilanoW09 (92.00)	TerekhovDOB12 (91.00)
Cosine	CireCH13 (0.78)	HookerY02 (0.76)	HeinzKB13 (0.76)	ElciOH22 (0.75)	Hooker04 (0.75)
Beck99 R&C					
Euclid	BeckF98 (0.38)	BeckF00 (0.38)	BeckDDF98 (0.39)	BeckF00a (0.43)	GokgurHO18 (0.45)
Dot	Dejemeppe16 (264.00)	Lombardi10 (259.00)	Baptiste02 (248.00)	ZarandiASC20 (243.00)	Malapert11 (240.00)
Cosine	BeckF98 (0.83)	BeckF00 (0.83)	BeckDDF98 (0.83)	BeckF00a (0.79)	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)	FoxS90 (0.36)
Dot	ZarandiASC20 (226.00)	Beck99 (220.00)	Dejemeppe16 (212.00)	Baptiste02 (207.00)	Groleaz21 (205.00)
Cosine	BeckF98 (0.85)	Beck99 (0.83)	BidotVLB09 (0.81)	BeckDSF97 (0.80)	BeckPS03 (0.80)
BeckDF97 R&C	BeckF00 (0.77)	CarlssonKA99 (0.87)	GrimesHM09 (0.88)	TorresL00 (0.88)	BaptisteLPN06 (0.89)
Euclid	BeckDSF97 (0.20)	BeckDSF97a (0.20)	BeckF00 (0.28)	CestaOS00 (0.28)	BeckF99 (0.29)
Dot	Beck99 (145.00)	Dejemeppe16 (130.00)	Lombardi10 (127.00)	BeckF00 (126.00)	Baptiste02 (126.00)
Cosine	BeckDSF97a (0.88)	BeckDSF97 (0.88)	BeckF00 (0.85)	BeckF98 (0.81)	SadehF96 (0.79)
BeckDSF97 R&C					
Euclid	BeckDSF97a (0.20)	BeckDF97 (0.20)	BeckF99 (0.25)	BeckF00a (0.26)	VilimBC04 (0.26)
Dot	Beck99 (135.00)	BeckDDF98 (124.00)	Baptiste02 (123.00)	Dejemeppe16 (122.00)	Lombardi10 (119.00)
Cosine	BeckDSF97a (0.88)	BeckDF97 (0.88)	BeckF00 (0.82)	BeckF00a (0.82)	BeckDDF98 (0.80)
BeckDSF97a R&C					
Euclid	BeckDSF97 (0.20)	BeckDF97 (0.20)	BeckW05 (0.22)	BeckF99 (0.23)	HeckmanB11 (0.24)
Dot	Beck99 (129.00)	Dejemeppe16 (126.00)	Baptiste02 (121.00)	BeckF00 (120.00)	Fahimi16 (120.00)
Cosine	BeckDSF97 (0.88)	BeckDF97 (0.88)	BeckF00a (0.84)	HeckmanB11 (0.84)	BeckW05 (0.84)
BeckF00 R&C	BeckDF97 (0.77)	BeckF00a (0.78)	Colombani96 (0.83)	WatsonB08 (0.84)	Zhou96 (0.85)
Euclid	BeckF00a (0.23)	BeckDF97 (0.28)	BeckDSF97a (0.30)	BeckDSF97 (0.30)	BeckF99 (0.31)
Dot	Beck99 (202.00)	Dejemeppe16 (184.00)	Baptiste02 (184.00)	Lombardi10 (182.00)	Fahimi16 (180.00)
Cosine	BeckF00a (0.90)	BeckDF97 (0.85)	Beck99 (0.83)	BeckDSF97a (0.83)	BeckDSF97 (0.82)
BeckF00a R&C	BeckF00 (0.78)	HebrardTW05 (0.85)	CarlssonKA99 (0.85)	VilimBC05 (0.86)	Colombani96 (0.87)
Euclid	BeckF99 (0.20)	BeckF00 (0.23)	BeckDSF97a (0.24)	BeckDSF97 (0.26)	Vilim05 (0.27)
Dot	Beck99 (165.00)	Lombardi10 (149.00)	Baptiste02 (149.00)	Dejemeppe16 (147.00)	Fahimi16 (144.00)
Cosine	BeckF99 (0.90)	BeckF00 (0.90)	BeckDSF97a (0.84)	BeckDSF97 (0.82)	Vilim05 (0.82)
BeckF98 R&C					
Euclid	BeckDDF98 (0.31)	BeckDF97 (0.31)	BeckDSF97a (0.32)	BeckDSF97 (0.32)	BeckPS03 (0.33)
Dot	Beck99 (204.00)	Dejemeppe16 (189.00)	Groleaz21 (187.00)	ZarandiASC20 (186.00)	Lombardi10 (183.00)
Cosine	BeckDDF98 (0.85)	Beck99 (0.83)	BeckDF97 (0.81)	BeckDSF97a (0.80)	BeckDSF97 (0.79)
BeckF99 R&C					
Euclid	BeckF00a (0.20)	BeckDSF97a (0.23)	Vilim09 (0.24)	VilimBC04 (0.24)	BeckW05 (0.25)
Dot	Beck99 (116.00)	Dejemeppe16 (111.00)	Schutt11 (110.00)	Fahimi16 (109.00)	Malapert11 (108.00)
Cosine	BeckF00a (0.90)	BeckDSF97a (0.82)	VilimBC04 (0.82)	VilimBC05 (0.81)	BeckF00 (0.81)
BeckFW11 R&C	WatsonB08 (0.61)	GrimesHM09 (0.74)	CarchraeB09 (0.80)	HeckmanB11 (0.80)	MenciaSV13 (0.85)
Euclid	WatsonB08 (0.16)	CarchraeB09 (0.24)	TanSD10 (0.25)	Beck06 (0.25)	Beck07 (0.26)
Dot	Groleaz21 (139.00)	Schutt11 (132.00)	Beck99 (131.00)	Astrand21 (129.00)	IsikYA23 (128.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	WatsonB08 (0.93)	CarchraeB09 (0.85)	TanSD10 (0.84)	Beck06 (0.83)	Beck07 (0.82)
BeckPS03 R&C					
Euclid	HeckmanB11 (0.25)	KovacsV06 (0.25)	Beck06 (0.26)	BeckDSF97a (0.26)	Vilim05 (0.28)
Dot	ZarandiASC20 (157.00)	Dejemeppe16 (153.00)	Lombardi10 (149.00)	Baptiste02 (149.00)	Astrand21 (148.00)
Cosine	HeckmanB11 (0.85)	KovacsV06 (0.83)	BeckW07 (0.83)	BidotVLB09 (0.82)	ZeballosH05 (0.82)
BeckR03 R&C	KelbelH11 (0.90)	DannaP03 (0.92)	KamarainenS02 (0.92)	GrimesH10 (0.95)	GrimesHM09 (0.95)
Euclid	DannaP03 (0.29)	HeckmanB11 (0.30)	BeckPS03 (0.30)	MonetteDH09 (0.31)	Pape94 (0.32)
Dot	Groleaz21 (161.00)	Baptiste02 (159.00)	ZarandiASC20 (156.00)	Dejemeppe16 (148.00)	Lombardi10 (147.00)
Cosine	DannaP03 (0.80)	HeckmanB11 (0.80)	MonetteDH09 (0.79)	BeckPS03 (0.79)	GrimesH11 (0.77)
BeckW04 R&C					
Euclid	BeckW05 (0.19)	CrawfordB94 (0.25)	BeckDSF97a (0.26)	OddiS97 (0.26)	BidotVLB07 (0.26)
Dot	ZarandiASC20 (101.00)	Astrand21 (99.00)	Beck99 (98.00)	BeckW07 (97.00)	Baptiste02 (94.00)
Cosine	BeckW05 (0.86)	BeckW07 (0.79)	BeckDSF97a (0.78)	BonfiettiLM14 (0.77)	HeckmanB11 (0.75)
BeckW05 R&C					
Euclid	BeckW04 (0.19)	BeckDSF97a (0.22)	OddiS97 (0.25)	BidotVLB07 (0.25)	BeckF99 (0.25)
Dot	Lombardi10 (88.00)	Beck99 (87.00)	BeckW07 (86.00)	Siala15a (85.00)	BeckF00 (85.00)
Cosine	BeckW04 (0.86)	BeckDSF97a (0.84)	HeckmanB11 (0.81)	Beck07 (0.80)	Beck06 (0.78)
BeckW07 R&C	WuBB09 (0.94)	BonfiettiLM14 (0.97)	RossiTHP07 (0.97)	LombardiM09 (0.97)	Muscettola02 (0.98)
Euclid	BeckPS03 (0.28)	BeckW04 (0.30)	BonfiettiLM14 (0.31)	LiessM08 (0.32)	KovacsV06 (0.32)
Dot	ZarandiASC20 (171.00)	Lombardi10 (163.00)	Baptiste02 (157.00)	Groleaz21 (156.00)	LaborieRSV18 (150.00)
Cosine	BeckPS03 (0.83)	BeckW04 (0.79)	DemasseyAM05 (0.78)	BonfiettiLM14 (0.77)	LiessM08 (0.77)
Bedhief21 R&C					
Euclid	JuvinHL23 (0.32)	ZhangJZL22 (0.34)	BillautHL12 (0.35)	HamdiL13 (0.35)	EdisO11 (0.36)
Dot	Groleaz21 (157.00)	IsikYA23 (147.00)	Lunardi20 (147.00)	ZarandiASC20 (147.00)	Astrand21 (146.00)
Cosine	JuvinHL23 (0.73)	ZhangJZL22 (0.72)	MengZRZL20 (0.71)	GedikKEK18 (0.70)	MalapertGR12 (0.70)
BegB13 R&C	MalikMB08 (0.88)	LozanoCDS12 (0.97)	EreminW01 (0.97)	BeldiceanuC01 (0.97)	CambazardJ05 (0.97)
Euclid	MalikMB08 (0.20)	KuchcinskiW03 (0.24)	Malik08 (0.25)	ErtlK91 (0.26)	LozanoCDS12 (0.27)
Dot	Malik08 (87.00)	Lombardi10 (87.00)	Groleaz21 (86.00)	Froger16 (86.00)	Astrand21 (81.00)
Cosine	MalikMB08 (0.84)	Malik08 (0.82)	KuchcinskiW03 (0.76)	LozanoCDS12 (0.71)	ErtlK91 (0.70)
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 (0.26)	BoothNB16 (0.26)	JungblutK22 (0.26)
Dot	ZarandiASC20 (99.00)	BartakSR10 (94.00)	Dejemeppe16 (91.00)	Beck99 (91.00)	Godet21a (89.00)
Cosine	abs-1901-07914 (0.97)	WessenCS20 (0.77)	ValleMGT03 (0.75)	BoothNB16 (0.74)	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)	AngelsmarkJ00 (0.21)	HebrardTW05 (0.22)	CarchraeBF05 (0.22)	FrostD98 (0.22)
Dot	Malapert11 (53.00)	Schutt11 (50.00)	Godet21a (48.00)	Dejemeppe16 (47.00)	LetortCB15 (46.00)
Cosine	PoderB08 (0.64)	BeldiceanuC02 (0.63)	WolfS05 (0.62)	ClercqPBJ11 (0.62)	BeldiceanuP07 (0.62)
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 (0.26)	PoderBS04 (0.26)
Dot	Malapert11 (85.00)	Dejemeppe16 (77.00)	Simonis07 (76.00)	Schutt11 (76.00)	Beck99 (76.00)
Cosine	PoderB08 (0.79)	WolfS05 (0.75)	BeldiceanuP07 (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 (0.32)	Simonis95a (0.34)	GruianK98 (0.34)	ErtlK91 (0.34)	SimonisCK00 (0.35)
Dot	Simonis07 (115.00)	Dejemeppe16 (110.00)	Lombardi10 (110.00)	Simonis99 (110.00)	Malapert11 (109.00)
Cosine	Simonis95 (0.75)	Simonis95a (0.71)	GruianK98 (0.69)	SimonisCK00 (0.67)	ErtlK91 (0.67)
BeldiceanuCDP11 R&C	BeldiceanuCP08 (0.53)	Simonis95 (0.82)	AggounV04 (0.83)	SimonisCK00 (0.85)	Vilim09a (0.87)
Euclid	BeldiceanuCP08 (0.25)	BeldiceanuP07 (0.30)	WolfS05 (0.31)	PoderB08 (0.32)	ClautiauxJCM08 (0.33)
Dot	Malapert11 (117.00)	Schutt11 (114.00)	Godet21a (111.00)	Baptiste02 (110.00)	PapeB97 (107.00)
Cosine	BeldiceanuCP08 (0.82)	BeldiceanuP07 (0.72)	ClautiauxJCM08 (0.71)	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 (0.25)	BeldiceanuCDP11 (0.25)	Caseau97 (0.26)
Dot	Malapert11 (86.00)	Schutt11 (85.00)	BeldiceanuCDP11 (84.00)	LaborieRSV18 (82.00)	SchuttFSW11 (78.00)
Cosine	BeldiceanuCDP11 (0.82)	BeldiceanuP07 (0.77)	SchuttWS05 (0.74)	PoderB08 (0.74)	WolfS05 (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 (0.15)	SimonisH11 (0.20)	BeniniBGM05a (0.21)	Caseau97 (0.22)
Dot	Malapert11 (75.00)	Lombardi10 (74.00)	Godet21a (73.00)	Dejemeppe16 (73.00)	Schutt11 (73.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	PoderB08 (0.91)	WolfS05 (0.89)	SimonisH11 (0.80)	GayHS15 (0.79)	SimoninAHL15 (0.79)
BelhadjiI98 R&C	MintonJPL92 (1.00)				
Euclid	KengY89 (0.29)	Prosser89 (0.31)	Zhou96 (0.32)	FoxAS82 (0.32)	TorresL00 (0.33)
Dot	Baptiste02 (123.00)	BartakSR10 (121.00)	Godet21a (118.00)	Lombardi10 (114.00)	ZarandiASC20 (109.00)
Cosine	TorresL00 (0.73)	KengY89 (0.72)	Zhou96 (0.71)	FoxS90 (0.71)	BartakSR08 (0.71)
BenderWS21 R&C	Polo-MejiaALB20 (0.89)	Ham20 (0.93)	Ham20a (0.93)	LunardiBLRV20 (0.94)	CauwelaertDS20 (0.95)
Euclid	BofillCSV17a (0.26)	BridiLBBM16 (0.27)	BonfiettiM12 (0.27)	BofillCSV17 (0.27)	ElkhyariGJ02 (0.27)
Dot	ZarandiASC20 (103.00)	Lombardi10 (100.00)	Groleaz21 (100.00)	Schutt11 (100.00)	Godet21a (99.00)
Cosine	LiessM08 (0.77)	HeipckeCCS00 (0.74)	BofillCSV17a (0.74)	LombardiBM15 (0.74)	BofillCSV17 (0.73)
BenediktMH20 R&C	HeinzNVH22 (0.81)	YounespourAKE19 (0.88)	HamP21 (0.91)	HamPK21 (0.92)	BenediktSMVH18 (0.93)
Euclid	BenediktSMVH18 (0.24)	HebrardTW05 (0.30)	BogaerdtW19 (0.31)	HeipckeCCS00 (0.31)	Hooker17 (0.31)
Dot	Groleaz21 (99.00)	ZarandiASC20 (93.00)	Lunardi20 (91.00)	Dejemeppe16 (89.00)	PrataAN23 (88.00)
Cosine	BenediktSMVH18 (0.77)	HeipckeCCS00 (0.68)	PandeyS21a (0.66)	HamPK21 (0.66)	BogaerdtW19 (0.66)
BenediktSMVH18 R&C	BenediktMH20 (0.93)	OddiPCC03 (0.94)	DejemeppeCS15 (0.96)	HamdiL13 (0.96)	OddiPCC05 (0.96)
Euclid	HebrardTW05 (0.24)	BenediktMH20 (0.24)	LauLN08 (0.26)	Hooker17 (0.26)	KovacsEKV05 (0.26)
Dot	Groleaz21 (83.00)	ZarandiASC20 (80.00)	Lunardi20 (75.00)	PrataAN23 (74.00)	Baptiste02 (73.00)
Cosine	BenediktMH20 (0.77)	SadykovW06 (0.72)	CatusseCBL16 (0.70)	EdisO11 (0.69)	FontaineMH16 (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 (0.25)	RuggieroBBMA09 (0.29)	Bonfietti16 (0.30)	BeniniLMMR08 (0.30)
Dot	Lombardi10 (148.00)	HarjunkoskiMBC14 (122.00)	ZarandiASC20 (121.00)	Groleaz21 (121.00)	LombardiMRB10 (117.00)
Cosine	BeniniLMR08 (0.88)	BeniniBGM06 (0.83)	RuggieroBBMA09 (0.80)	BeniniLMR11 (0.76)	LombardiMRB10 (0.76)
BeniniBGM05a R&C					
Euclid	QuSN06 (0.18)	AngelsmarkJ00 (0.20)	FortinZDF05 (0.20)	LombardiM13 (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)	QuSN06 (0.80)	WolfS05 (0.78)	NishikawaSTT18 (0.78)	NishikawaSTT18a (0.78)
BeniniBGM06 R&C	Hooker05a (0.67)	CambazardJ05 (0.68)	Hooker04 (0.68)	Hooker05 (0.70)	BeniniBGM05 (0.71)
Euclid	BeniniBGM05a (0.24)	BeniniBGM05 (0.25)	BeniniLMR08 (0.25)	LozanoCDS12 (0.26)	Bonfietti16 (0.26)
Dot	Lombardi10 (114.00)	LombardiMRB10 (106.00)	LaborieRSV18 (99.00)	LombardiM12 (99.00)	RuggieroBBMA09 (99.00)
Cosine	BeniniBGM05 (0.83)	BeniniBGM05a (0.80)	BeniniLMR08 (0.79)	RuggieroBBMA09 (0.79)	LombardiMRB10 (0.77)
BeniniLMMR08 R&C	BeniniLMR11 (0.62)	BeniniLMR08 (0.67)	CobanH11 (0.71)	BeniniBGM06 (0.72)	CireCH13 (0.73)
Euclid	BeniniLMR11 (0.19)	BeniniLMR08 (0.26)	CireCH16 (0.26)	FortinZDF05 (0.26)	Hooker04 (0.27)
Dot	Lombardi10 (121.00)	BeniniLMR11 (111.00)	LaborieRSV18 (106.00)	Hooker19 (100.00)	Hooker07 (100.00)
Cosine	BeniniLMR11 (0.91)	Hooker07 (0.80)	BeniniLMR08 (0.79)	CireCH16 (0.78)	EmeretlisTAV17 (0.77)
BeniniLMR08 R&C	BeniniLMMR08 (0.67)	BeniniLMR11 (0.72)	BeniniBGM05 (0.73)	BeniniBGM06 (0.77)	LombardiMRB10 (0.80)
Euclid	BeniniBGM05 (0.21)	BeniniBGM05a (0.25)	BeniniBGM06 (0.25)	BeniniLMMR08 (0.26)	BeniniLMR11 (0.26)
Dot	Lombardi10 (131.00)	ZarandiASC20 (106.00)	LombardiMRB10 (104.00)	BeniniBGM05 (104.00)	HarjunkoskiMBC14 (103.00)
Cosine	BeniniBGM05 (0.88)	BeniniLMR11 (0.83)	BeniniBGM06 (0.79)	BeniniLMMR08 (0.79)	BeniniBGM05a (0.78)
BeniniLMR11 R&C	BeniniLMMR08 (0.62)	BeniniLMR08 (0.72)	BeniniBGM06 (0.77)	CambazardHDJT04 (0.80)	CireCH13 (0.80)
Euclid	BeniniLMMR08 (0.19)	BeniniLMR08 (0.26)	EmeretlisTAV17 (0.29)	Hooker04 (0.31)	Hooker07 (0.31)
Dot	Lombardi10 (170.00)	LaborieRSV18 (132.00)	Beck99 (132.00)	Schutt11 (131.00)	Malapert11 (128.00)
Cosine	BeniniLMMR08 (0.91)	BeniniLMR08 (0.83)	EmeretlisTAV17 (0.79)	Hooker07 (0.78)	Hooker05 (0.77)
BenoistGR02 R&C	Hooker04 (0.77)	EreminW01 (0.79)	CambazardHDJT04 (0.83)	Hooker05a (0.83)	Hooker05 (0.84)
Euclid	Davis87 (0.26)	CambazardJ05 (0.27)	Baptiste09 (0.27)	AngelsmarkJ00 (0.27)	Acuna-AgostMFG09 (0.27)
Dot	Froger16 (72.00)	Fahimi16 (68.00)	Godet21a (67.00)	HookerH17 (67.00)	Lombardi10 (65.00)
Cosine	HookerOTK00 (0.64)	CorreaLR07 (0.63)	HladikCDJ08 (0.63)	Hooker05b (0.63)	PesantGPR99 (0.62)
BensanaLV99 R&C	VerfaillieL01 (0.94)	OddiPCC03 (0.97)	Hooker07 (0.99)	Beck10 (0.99)	PerronSF04 (0.99)
Euclid	BandaSC11 (0.23)	FrostD98 (0.24)	AbrilSB05 (0.24)	FeldmanG89 (0.25)	Vilim03 (0.27)
Dot	Godet21a (52.00)	Lemos21 (44.00)	Dejemeppe16 (42.00)	Siala15a (42.00)	LaborieRSV18 (41.00)
Cosine	BandaSC11 (0.59)	LiuLH19 (0.59)	VerfaillieL01 (0.58)	ReddyFIBKAJ11 (0.50)	KucukY19 (0.49)
BertholdHLMS10 R&C	HeinzS11 (0.65)	SchuttW10 (0.83)	SchuttFSW11 (0.84)	SchuttFSW13 (0.84)	HeinzSB13 (0.85)
Euclid	HookerY02 (0.24)	HeinzS11 (0.24)	Tesch16 (0.28)	Caseau97 (0.28)	LombardiM13 (0.28)
Dot	Schutt11 (103.00)	HeinzSB13 (98.00)	Godet21a (91.00)	Lombardi10 (91.00)	Groleaz21 (90.00)
Cosine	HeinzS11 (0.81)	HeinzSB13 (0.78)	SchnellH17 (0.78)	HookerY02 (0.75)	Tesch16 (0.74)
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)	LudwigKRBMS14 (0.26)	LiuJ06 (0.27)	CarlssonKA99 (0.27)
Dot	Dejemeppe16 (83.00)	Godet21a (81.00)	Malapert11 (78.00)	Siala15a (76.00)	Astrand21 (76.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	ErtlK91 (0.69)	RoweJCA96 (0.67)	Malik08 (0.66)	BorghesiBLMB18 (0.66)	CarlssonKA99 (0.66)
BhatnagarKL19 R&C	FrimodigS19 (0.75)	GeibingerMM19 (0.86)			
Euclid	LombardiM13 (0.20)	AgussurjaKL18 (0.21)	BonfiettiM12 (0.23)	OddiRC10 (0.23)	BofillCSV17a (0.23)
Dot	Lombardi10 (92.00)	ZarandiASC20 (90.00)	LaborieRSV18 (86.00)	Schutt11 (86.00)	Dejemeppe16 (85.00)
Cosine	AgussurjaKL18 (0.84)	LombardiM13 (0.80)	BofillCSV17a (0.79)	CampeauG22 (0.78)	OddiRC10 (0.77)
BidotVLB07 R&C					
Euclid	OddiS97 (0.24)	BeckW05 (0.25)	Muscettola94 (0.25)	FortinZDF05 (0.25)	DoomsH08 (0.26)
Dot	ZarandiASC20 (101.00)	Astrand21 (101.00)	BidotVLB09 (97.00)	Lombardi10 (93.00)	Groleaz21 (93.00)
Cosine	BidotVLB09 (0.79)	Muscettola94 (0.76)	BeckPS03 (0.76)	OddiS97 (0.75)	BeckW05 (0.75)
BidotVLB09 R&C	Kumar03 (0.91)	CestaOPS14 (0.92)	LombardiM09 (0.92)	SourdN00 (0.93)	Wolf03 (0.93)
Euclid	BeckPS03 (0.31)	BidotVLB07 (0.33)	BeckDDF98 (0.34)	BeckW07 (0.35)	SmithC93 (0.36)
Dot	ZarandiASC20 (190.00)	LaborieRSV18 (175.00)	Groleaz21 (174.00)	Astrand21 (173.00)	Lombardi10 (172.00)
Cosine	BeckPS03 (0.82)	BeckDDF98 (0.81)	BidotVLB07 (0.79)	BeckW07 (0.77)	SadehF96 (0.74)
BillautHL12 R&C	GrimesH11 (0.92)	GrimesH10 (0.92)	BriandHHL08 (0.93)	GrimesH15 (0.93)	SialaAH15 (0.94)
Euclid	JuvinHL23 (0.27)	DilkinaDH05 (0.29)	SmithC93 (0.30)	ParkUJR19 (0.30)	Limtanyakul07 (0.30)
Dot	Groleaz21 (131.00)	Malapert11 (127.00)	Lunardi20 (126.00)	ZarandiASC20 (119.00)	Baptiste02 (118.00)
Cosine	JuvinHL23 (0.76)	ArtiguesBF04 (0.76)	ParkUJR19 (0.74)	Mehdizadeh-Somarin23 (0.74)	HamPK21 (0.74)
Bit-Monnot23 R&C					
Euclid	SialaAH15 (0.29)	GrimesHM09 (0.31)	Vilim05 (0.33)	Beck07 (0.34)	MalapertCGJLR13 (0.34)
Dot	Siala15a (174.00)	Groleaz21 (167.00)	Godet21a (159.00)	GrimesH15 (158.00)	Dejemeppe16 (155.00)
Cosine	SialaAH15 (0.82)	GrimesHM09 (0.80)	MalapertCGJLR12 (0.76)	SchuttFS13 (0.76)	Vilim05 (0.76)
BlazewiczDP96 R&C	JainM99 (0.66)	DomdorfPH03 (0.80)	DorndorfPH99 (0.88)	ColT22 (0.89)	Dorndorf2000 (0.90)
Euclid	JainM99 (0.37)	MenciaSV12 (0.40)	SourdN00 (0.41)	MenciaSV13 (0.41)	BeckF98 (0.42)
Dot	ZarandiASC20 (238.00)	Groleaz21 (233.00)	Baptiste02 (231.00)	Dejemeppe16 (218.00)	Astrand21 (203.00)
Cosine	JainM99 (0.80)	MenciaSV12 (0.75)	BartakSR10 (0.74)	SourdN00 (0.74)	BeckF98 (0.74)
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 (0.28)	KovacsEKV05 (0.29)
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)	HoeveGSL07 (0.61)	NishikawaSTT18 (0.60)
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)	FukunagaHFAMN02 (0.25)	LudwigKRBMS14 (0.26)	BridiLBBM16 (0.26)
Dot	HarjunkoskiMBC14 (81.00)	ZarandiASC20 (72.00)	Lombardi10 (70.00)	Beck99 (69.00)	LaborieRSV18 (67.00)
Cosine	BlomBPS14 (0.76)	BeniniBGM05a (0.67)	BridiLBBM16 (0.65)	NishikawaSTT19 (0.64)	HoeveGSL07 (0.64)
BocewiczBB09 R&C					
Euclid	Salido10 (0.26)	WolinskiKG04 (0.28)	LudwigKRBMS14 (0.28)	KengY89 (0.28)	KuchcinskiW03 (0.29)
Dot	ZarandiASC20 (107.00)	Groleaz21 (95.00)	Astrand21 (95.00)	Lombardi10 (94.00)	Malapert11 (94.00)
Cosine	Salido10 (0.75)	KorbaaYG99 (0.69)	ValleMGT03 (0.69)	WolinskiKG04 (0.69)	KengY89 (0.68)
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	Limtanyakul07 (0.22)	WolfS05 (0.22)	MurphyMB15 (0.23)	PoderBS04 (0.23)	LozanoCDS12 (0.24)
Dot	Lombardi10 (90.00)	Simonis07 (89.00)	Dejemeppe16 (89.00)	Malapert11 (89.00)	Schutt11 (86.00)
Cosine	Limtanyakul07 (0.78)	WolfS05 (0.78)	PoderBS04 (0.77)	AstrandJZ18 (0.77)	Colombani96 (0.76)
BofillCGGPSV23 R&C					
Euclid	Baptiste09 (0.18)	CarchraeBF05 (0.19)	PesantRR15 (0.20)	BofillGSV15 (0.21)	AngelsmarkJ00 (0.21)
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 (0.18)	LombardiM12a (0.19)	LombardiM13 (0.20)	OddiRC10 (0.24)	BhatnagarKL19 (0.24)
Dot	Caballero19 (111.00)	Schutt11 (107.00)	Godet21a (102.00)	Baptiste02 (100.00)	Lombardi10 (98.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	BofillCSV17a (0.88)	LombardiM12a (0.87)	LombardiM13 (0.83)	SchnellH15 (0.81)	SzerediS16 (0.80)
BofillCSV17a R&C	BofillCSV17 (0.86)	Kumar03 (0.90)	SzerediS16 (0.93)	SchnellH15 (0.93)	VilimLS15 (0.97)
Euclid	BofillCSV17 (0.18)	LombardiM13 (0.19)	LombardiM12a (0.20)	LiessM08 (0.23)	BhatnagarKL19 (0.23)
Dot	Schutt11 (114.00)	Caballero19 (107.00)	Godet21a (105.00)	Lombardi10 (105.00)	Dejemeppe16 (103.00)
Cosine	BofillCSV17 (0.88)	LombardiM13 (0.86)	LombardiM12a (0.85)	LiessM08 (0.84)	YoungFS17 (0.82)
BofillEGPSV14 R&C	PesantRR15 (0.75)	BofillGSV15 (0.79)	SzerediS16 (0.92)	KelarevaTK13 (0.92)	KreterSS15 (0.92)
Euclid	BofillCGGPSV23 (0.25)	BofillGSV15 (0.25)	FeldmanG89 (0.27)	GelainPRVW17 (0.28)	FrostD98 (0.29)
Dot	Caballero19 (64.00)	Godet21a (63.00)	KoehlerBFFHPSSS21 (61.00)	ColT22 (61.00)	Lemos21 (61.00)
Cosine	BofillCGGPSV23 (0.69)	BofillGSV15 (0.68)	GelainPRVW17 (0.61)	LiuCGM17 (0.60)	FeldmanG89 (0.60)
BofillGSV15 R&C	BofillEGPSV14 (0.79)	PesantRR15 (0.81)			
Euclid	Baptiste09 (0.20)	ZibranR11 (0.20)	CarchraeBF05 (0.20)	BofillCGGPSV23 (0.21)	FrostD98 (0.21)
Dot	Lemos21 (48.00)	KanetAG04 (45.00)	Malapert11 (44.00)	Siala15a (44.00)	Fahimi16 (43.00)
Cosine	BofillEGPSV14 (0.68)	ZibranR11 (0.66)	Baptiste09 (0.65)	BofillCGGPSV23 (0.64)	ZhangLS12 (0.62)
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 (0.31)
Dot	Groleaz21 (104.00)	ZarandiASC20 (102.00)	Lunardi20 (96.00)	Baptiste02 (96.00)	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 (0.20)	BonfiettiM12 (0.21)	LombardiM13 (0.23)	LeeKLKKYHP97 (0.23)	SimoninAHL12 (0.24)
Dot	Lombardi10 (81.00)	Fahimi16 (75.00)	LaborieRSV18 (73.00)	Godet21a (73.00)	SchuttFSW11 (72.00)
Cosine	SimoninAHL12 (0.76)	BeniniBGM05a (0.76)	BeniniLMR08 (0.75)	BonfiettiLBM11 (0.75)	BeniniBGM06 (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 (0.21)	BonfiettiLBM12 (0.21)	Bonfietti16 (0.25)	BonfiettiLM13 (0.25)
Dot	BonfiettiLBM14 (109.00)	Lombardi10 (100.00)	Schutt11 (100.00)	LaborieRSV18 (98.00)	Astrand21 (97.00)
Cosine	LombardiBMB11 (0.90)	BonfiettiLBM14 (0.87)	BonfiettiLBM12 (0.85)	BonfiettiM12 (0.83)	BonfiettiLM13 (0.78)
BonfiettiLBM12 R&C	BonfiettiLBM11 (0.76)	BonfiettiLBM14 (0.81)	BeniniLMR08 (0.89)	LombardiBMB11 (0.92)	Davenport10 (0.92)
Euclid	BonfiettiLBM11 (0.21)	LombardiBMB11 (0.23)	BonfiettiLM13 (0.23)	BonfiettiM12 (0.27)	BonfiettiLBM14 (0.28)
Dot	BonfiettiLBM14 (113.00)	Lombardi10 (108.00)	Fahimi16 (105.00)	Godet21a (104.00)	Groleaz21 (104.00)
Cosine	BonfiettiLBM11 (0.85)	LombardiBMB11 (0.84)	BonfiettiLBM14 (0.83)	BonfiettiLM13 (0.83)	CestaOF99 (0.75)
BonfiettiLBM14 R&C	BonfiettiLBM11 (0.79)	BonfiettiLBM12 (0.81)	BonfiettiLM13 (0.89)	LombardiBMB11 (0.89)	OzturkTHO15 (0.94)
Euclid	BonfiettiLBM11 (0.26)	BonfiettiLBM12 (0.28)	LombardiBMB11 (0.29)	BonfiettiZLM16 (0.31)	BonfiettiLM13 (0.32)
Dot	Lombardi10 (170.00)	Schutt11 (159.00)	Dejemeppe16 (158.00)	Malapert11 (154.00)	Astrand21 (153.00)
Cosine	BonfiettiLBM11 (0.87)	BonfiettiLBM12 (0.83)	LombardiBMB11 (0.83)	BonfiettiZLM16 (0.80)	BonfiettiLM13 (0.77)
BonfiettiLM13 R&C	BonfiettiLBM14 (0.89)	LetortBC12 (0.95)	Vilim04 (0.96)	MercierH08 (0.97)	
Euclid	LombardiBMB11 (0.22)	BonfiettiLBM12 (0.23)	LombardiM13 (0.24)	BonfiettiM12 (0.24)	OddiRC10 (0.25)
Dot	Lombardi10 (104.00)	BonfiettiLBM14 (100.00)	Groleaz21 (98.00)	LaborieRSV18 (94.00)	Godet21a (94.00)
Cosine	LombardiBMB11 (0.84)	BonfiettiLBM12 (0.83)	BonfiettiM12 (0.79)	LombardiM13 (0.78)	BonfiettiLBM11 (0.78)
BonfiettiLM14 R&C	LombardiMB13 (0.89)	LombardiBM15 (0.90)	WuBB09 (0.92)	LombardiBMB11 (0.92)	LombardiM13 (0.92)
Euclid	LombardiBM15 (0.18)	LombardiM12a (0.26)	BeckW04 (0.26)	FortinZDF05 (0.28)	OddiS97 (0.29)
Dot	Lombardi10 (114.00)	ZarandiASC20 (113.00)	LaborieRSV18 (111.00)	Beck99 (111.00)	Groleaz21 (110.00)
Cosine	LombardiBM15 (0.89)	LombardiM12a (0.78)	BeckW07 (0.77)	BeckW04 (0.77)	CestaOF99 (0.74)
BonfiettiM12 R&C					
Euclid	KovacsEKV05 (0.17)	Caballero23 (0.18)	CestaOS98 (0.18)	LombardiM13 (0.19)	AngelsmarkJ00 (0.19)
Dot	BonfiettiLBM14 (60.00)	Lombardi10 (56.00)	Schutt11 (56.00)	LaborieRSV18 (55.00)	Fahimi16 (55.00)
Cosine	BonfiettiLBM11 (0.83)	BonfiettiLM13 (0.79)	LombardiBMB11 (0.75)	LombardiM13 (0.74)	BonfiettiLBM12 (0.74)
BonfiettiZLM16 R&C	OuelletQ13 (0.84)	LetortCB13 (0.86)	Vilim09 (0.87)	Vilim09a (0.87)	KameugneF13 (0.87)
Euclid	LombardiBMB11 (0.27)	BonfiettiLBM11 (0.28)	BonfiettiLM13 (0.28)	BonfiettiLBM12 (0.29)	SimoninAHL12 (0.30)
Dot	Lombardi10 (117.00)	Schutt11 (114.00)	BonfiettiLBM14 (114.00)	Malapert11 (103.00)	LaborieRSV18 (101.00)
Cosine	BonfiettiLBM14 (0.80)	LombardiBMB11 (0.79)	BonfiettiLM13 (0.76)	BonfiettiLBM11 (0.76)	BonfiettiLBM12 (0.75)
BonninMNE24 R&C					
Euclid	BartakSR08 (0.36)	KovacsB11 (0.36)	HeipckeCCS00 (0.36)	OzturkTHO12 (0.36)	SourdN00 (0.37)
Dot	Baptiste02 (195.00)	Groleaz21 (186.00)	Malapert11 (182.00)	Dejemeppe16 (172.00)	ZarandiASC20 (172.00)
Cosine	KovacsB11 (0.78)	BartakSR08 (0.76)	OzturkTHO12 (0.75)	HeipckeCCS00 (0.75)	SourdN00 (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 (0.24)
Dot	LaborieRSV18 (101.00)	Lombardi10 (97.00)	Dejemeppe16 (95.00)	Astrand21 (95.00)	Beck99 (95.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	TranVNB17 (0.89)	TranVNB17a (0.84)	NishikawaSTT19 (0.82)	NishikawaSTT18a (0.80)	NishikawaSTT18 (0.78)
BoothTNB16 R&C	BoothNB16 (0.85)	Laborie18a (0.87)	GilesH16 (0.89)	LouieVNB14 (0.91)	BeckF00 (0.93)
Euclid	BoothNB16 (0.25)	TranVNB17a (0.26)	BockmayrP06 (0.29)	TranVNB17 (0.30)	CauwelaertDMS16 (0.30)
Dot	Astrand21 (119.00)	LaborieRSV18 (117.00)	Dejemeppe16 (116.00)	Groleaz21 (115.00)	Lunardi20 (114.00)
Cosine	BoothNB16 (0.78)	TranVNB17a (0.77)	TranVNB17 (0.73)	Ham18a (0.73)	MurinR19 (0.72)
BorghesiBLMB18 R&C	BartoliniBBLM14 (0.92)	GalleguillosKSB19 (0.94)	BridiBLMB16 (0.95)	GilesH16 (0.96)	MelgarejoLS15 (0.97)
Euclid	BridiBLMB16 (0.29)	GalleguillosKSB19 (0.31)	HurleyOS16 (0.31)	AstrandJZ18 (0.31)	HeipckeCCS00 (0.32)
Dot	Lombardi10 (123.00)	Dejemeppe16 (121.00)	Groleaz21 (121.00)	Schutt11 (120.00)	Godet21a (119.00)
Cosine	BridiBLMB16 (0.80)	AstrandJZ18 (0.74)	GalleguillosKSB19 (0.73)	HurleyOS16 (0.73)	HeipckeCCS00 (0.73)
BosiM2001 R&C	Simonis07 (0.86)	Simonis99 (0.87)	Simonis95a (0.88)	SimonisCK00 (0.88)	Goltz95 (0.89)
Euclid	WikarekS19 (0.35)	KovacsV04 (0.37)	Goltz95 (0.37)	KovacsV06 (0.39)	BockmayrP06 (0.39)
Dot	Baptiste02 (172.00)	Malapert11 (162.00)	Beck99 (160.00)	ZarandiASC20 (156.00)	Groleaz21 (156.00)
Cosine	WikarekS19 (0.76)	KovacsV04 (0.72)	Goltz95 (0.72)	TrentesauxPT01 (0.70)	BeckPS03 (0.70)
BoucherBVBL97 R&C					
Euclid					
Dot					
Cosine					
BoudreaultSLQ22 R&C					
Euclid	YoungFS17 (0.32)	SzerediS16 (0.35)	LiessM08 (0.36)	PovedaAA23 (0.37)	AmadiniGM16 (0.38)
Dot	Godet21a (193.00)	Schutt11 (175.00)	Dejemeppe16 (174.00)	Caballero19 (165.00)	Lombardi10 (161.00)
Cosine	YoungFS17 (0.81)	SzerediS16 (0.77)	PovedaAA23 (0.76)	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)	BandaSC11 (0.25)	Touraivane95 (0.26)	ErkingerM17 (0.26)
Dot	Dejemeppe16 (75.00)	Simonis07 (66.00)	ZarandiASC20 (66.00)	Beck99 (66.00)	HookerH17 (65.00)
Cosine	abs-1902-01193 (0.72)	HoYCLLCLC18 (0.70)	ErkingerM17 (0.67)	NishikawaSTT18a (0.66)	WolfS05 (0.65)
BourreauGGLT22 R&C	KizilayC20 (0.93)	YunusogluY22 (0.96)	NaderiBZR23 (0.96)	RendlPHPR12 (0.97)	GokgurHO18 (0.97)
Euclid	KletzanderMH21 (0.35)	Puget95 (0.35)	MouraSCL08a (0.37)	LipovetzkyBPS14 (0.37)	NishikawaSTT18 (0.37)
Dot	Malapert11 (116.00)	Groleaz21 (110.00)	Froger16 (104.00)	Astrand21 (103.00)	Lunardi20 (102.00)
Cosine	KletzanderMH21 (0.63)	Wallace06 (0.62)	MelgarejoLS15 (0.61)	Puget95 (0.61)	LipovetzkyBPS14 (0.60)
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 (0.29)	BartoliniBBLM14 (0.32)	GalleguillosKSB19 (0.32)	AalianPG23 (0.34)	KhemmoudjPB06 (0.35)
Dot	Lombardi10 (137.00)	Dejemeppe16 (131.00)	ZarandiASC20 (127.00)	Groleaz21 (122.00)	Astrand21 (122.00)
Cosine	BorghesiBLMB18 (0.80)	BartoliniBBLM14 (0.71)	AalianPG23 (0.71)	GalleguillosKSB19 (0.70)	HentenryckM04 (0.67)
BridiLBBM16 R&C					
Euclid	LuoVLBM16 (0.22)	FukunagaHFAMN02 (0.22)	BonfiettiM12 (0.23)	Tom19 (0.24)	AngelsmarkJ00 (0.24)
Dot	ZarandiASC20 (70.00)	Lombardi10 (69.00)	Beck99 (69.00)	TrentesauxPT01 (68.00)	Godet21a (67.00)
Cosine	LuoVLBM16 (0.73)	TranPZLDB18 (0.72)	BenderWS21 (0.70)	BeckW04 (0.70)	Pape94 (0.70)
BruckerK00 R&C	DemasseyAM05 (0.73)	LiessM08 (0.80)	ElkhyariGJ02a (0.84)	ElkhyariGJ02 (0.86)	BaptisteP97 (0.89)
Euclid	BofillCSV17a (0.26)	BofillCSV17 (0.27)	LombardiM13 (0.28)	LombardiM09 (0.31)	LiessM08 (0.31)
Dot	Groleaz21 (116.00)	Baptiste02 (116.00)	Schutt11 (115.00)	Godet21a (114.00)	Caballero19 (111.00)
Cosine	BofillCSV17a (0.78)	BofillCSV17 (0.77)	LombardiM13 (0.75)	Polo-MejiaALB20 (0.74)	LiessM08 (0.73)
BrusoniCLMMT96 R&C	Goltz95 (0.88)	BeldiceanuC94 (0.88)	AngelsmarkJ00 (0.89)	Simonis95a (0.90)	Muscettola02 (0.92)
Euclid	LammaMM97 (0.22)	Bartak02 (0.26)	Rit86 (0.28)	Junker00 (0.28)	Pape94 (0.30)
Dot	ZarandiASC20 (98.00)	Baptiste02 (94.00)	LammaMM97 (93.00)	Malapert11 (92.00)	Godet21a (90.00)
Cosine	LammaMM97 (0.85)	Bartak02 (0.76)	Pape94 (0.73)	FoxS90 (0.71)	Junker00 (0.70)
BukchinR18 R&C	TopaloglusS12 (0.80)	PinarbasiAY19 (0.86)	AlakaPY19 (0.88)	PinarbasiA20 (0.90)	KizilayC20 (0.91)
Euclid	AlakaPY19 (0.25)	LozanoCDS12 (0.26)	NishikawaSTT18 (0.27)	AkramNHRSA23 (0.27)	SunLYL10 (0.27)
Dot	Groleaz21 (91.00)	Malapert11 (90.00)	Lunardi20 (87.00)	Astrand21 (85.00)	KoehlerBFFHPSSS21 (84.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Ham20a (0.74)	AlakaPY19 (0.73)	HeipckeCCS00 (0.73)	AbidinK20 (0.73)	NishikawaSTT18 (0.73)
BulckG22 R&C	Ribeiro12 (0.89)	SuCC13 (0.91)	RasmussenT07 (0.93)	NaqviAIAAA22 (0.93)	RasmussenT06 (0.94)
Euclid	RasmussenT07 (0.20)	RasmussenT06 (0.22)	ZengM12 (0.24)	EastonNT02 (0.24)	SuCC13 (0.25)
Dot	KendallKRU10 (91.00)	Ribeiro12 (83.00)	RasmussenT07 (78.00)	Lemos21 (74.00)	Froger16 (70.00)
Cosine	RasmussenT07 (0.85)	Ribeiro12 (0.79)	RasmussenT06 (0.79)	ZengM12 (0.78)	RasmussenT09 (0.74)
BurtLPS15 R&C	KelarevaTK13 (0.94)	BofillEGPSV14 (0.94)	ColT19 (0.95)	Mercier-AubinGQ20 (0.95)	SzerediS16 (0.95)
Euclid	HeipckeCCS00 (0.31)	KovacsV06 (0.31)	LozanoCDS12 (0.31)	LipovetzkyBPS14 (0.31)	AstrandJZ18 (0.33)
Dot	Groleaz21 (132.00)	Astrand21 (122.00)	Dejemeppe16 (117.00)	Fahimi16 (117.00)	Lombardi10 (116.00)
Cosine	HeipckeCCS00 (0.73)	KovacsV06 (0.73)	LipovetzkyBPS14 (0.71)	LozanoCDS12 (0.70)	Astrand0F21 (0.69)
Caballero19 R&C					
Euclid	abs-1009-0347 (0.39)	SchuttFS13a (0.40)	SchuttFSW13 (0.40)	SchnellH15 (0.43)	SchuttFSW11 (0.43)
Dot	Schutt11 (239.00)	Godet21a (226.00)	Lombardi10 (218.00)	Dejemeppe16 (210.00)	Siala15a (202.00)
Cosine	abs-1009-0347 (0.78)	SchuttFS13a (0.78)	SchuttFSW13 (0.77)	Schutt11 (0.76)	SchuttFSW11 (0.74)
Caballero23 R&C					
Euclid	Baptiste09 (0.12)	KovacsEKV05 (0.13)	CestaOS98 (0.13)	CarchraeBF05 (0.14)	WuBB05 (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)	BonfiettiM12 (0.70)
CambazardHDJT04 R&C	Hooker04 (0.68)	Hooker05a (0.70)	HladikCDJ08 (0.70)	CambazardJ05 (0.71)	Hooker05 (0.75)
Euclid	HladikCDJ08 (0.20)	BeniniLMR08 (0.30)	AkramNHRSA23 (0.31)	NishikawaSTT19 (0.31)	NishikawaSTT18 (0.32)
Dot	Lombardi10 (130.00)	HladikCDJ08 (116.00)	ZarandiASC20 (114.00)	Godet21a (112.00)	Groleaz21 (111.00)
Cosine	HladikCDJ08 (0.90)	BeniniLMR08 (0.73)	AlesioBNG15 (0.72)	EmeretlisTAV17 (0.71)	NishikawaSTT19 (0.71)
CambazardJ05 R&C	Hooker05a (0.58)	Hooker05 (0.63)	BeniniBGM06 (0.68)	Hooker04 (0.68)	CambazardHDJT04 (0.71)
Euclid	Vilim03 (0.23)	Baptiste09 (0.24)	Hooker05b (0.25)	AbrilSB05 (0.26)	ZibranR11 (0.26)
Dot	Lombardi10 (57.00)	Froger16 (53.00)	HookerH17 (51.00)	BeniniLMR11 (51.00)	MilanoW09 (50.00)
Cosine	Hooker05b (0.68)	HeinzKB13 (0.65)	BeniniLMMR08 (0.64)	EreminW01 (0.63)	BeniniLMR11 (0.62)
CampeauG22 R&C	AstrandJZ20 (0.89)	EdwardsBSE19 (0.94)	HauderBRPA20 (0.94)	GuSW12 (0.95)	SchnellH15 (0.95)
Euclid	BhatnagarKL19 (0.26)	BofillCSV17a (0.26)	LombardiM09 (0.27)	LombardiM13 (0.28)	NishikawaSTT18a (0.28)
Dot	Lombardi10 (120.00)	LaborieRSV18 (117.00)	Groleaz21 (115.00)	Schutt11 (113.00)	Astrand21 (109.00)
Cosine	BofillCSV17a (0.78)	BhatnagarKL19 (0.78)	LombardiM09 (0.77)	HubnerGSV21 (0.77)	GeibingerMM19 (0.76)
CappartS17 R&C	GilesH16 (0.72)	FrankDT16 (0.83)	TangB20 (0.88)	LaborieR14 (0.89)	GedikKBR17 (0.91)
Euclid	Rodriguez07b (0.30)	MorgadoM97 (0.30)	RodriguezS09 (0.30)	RodriguezDG02 (0.31)	BidotVLB07 (0.32)
Dot	ZarandiASC20 (119.00)	LaborieRSV18 (115.00)	Dejemeppe16 (115.00)	Lombardi10 (115.00)	Groleaz21 (113.00)
Cosine	Rodriguez07b (0.75)	RodriguezS09 (0.75)	MorgadoM97 (0.73)	MarliereSPR23 (0.73)	Rodriguez07 (0.70)
CappartTSR18 R&C	CauwelaertLS18 (0.82)	DejemeppeCS15 (0.82)	ThomasKS20 (0.85)	GayHLS15 (0.87)	Laborie18a (0.89)
Euclid	ThomasKS20 (0.25)	GoelSHFS15 (0.34)	ZibranR11a (0.34)	BoothNB16 (0.34)	DejemeppeD14 (0.35)
Dot	Dejemeppe16 (116.00)	LaborieRSV18 (111.00)	Groleaz21 (101.00)	Lombardi10 (96.00)	ColT22 (95.00)
Cosine	ThomasKS20 (0.83)	GoelSHFS15 (0.70)	DejemeppeD14 (0.65)	TranVNB17 (0.65)	GaySS14 (0.64)
CarchraeB09 R&C	PerronSF04 (0.79)	BeckFW11 (0.80)	GrimesH15 (0.81)	DannaP03 (0.84)	SchausHMCMD11 (0.86)
Euclid	WatsonB08 (0.23)	Beck06 (0.24)	BeckFW11 (0.24)	KovacsV06 (0.26)	GodardLN05 (0.28)
Dot	Dejemeppe16 (139.00)	LaborieRSV18 (137.00)	Groleaz21 (135.00)	Lombardi10 (131.00)	GrimesH15 (128.00)
Cosine	BeckFW11 (0.85)	WatsonB08 (0.85)	Beck06 (0.84)	KovacsV06 (0.81)	VilimLS15 (0.80)
CarchraeBF05 R&C					
Euclid	Baptiste09 (0.09)	AngelsmarkJ00 (0.11)	FrostD98 (0.13)	LiuJ06 (0.13)	Caballero23 (0.14)
Dot	LombardiBM15 (22.00)	Astrand0F21 (22.00)	Astrand21 (22.00)	JuvinHHL23 (21.00)	PovedaAA23 (21.00)
Cosine	AngelsmarkJ00 (0.78)	Baptiste09 (0.76)	LiuJ06 (0.71)	FortinZDF05 (0.71)	BeniniBGM05a (0.64)
CarlierPSJ20 R&C	CarlierSJP21 (0.67)	Tesch18 (0.70)	OuelletQ18 (0.71)	ArkhipovBL19 (0.80)	YangSS19 (0.82)
Euclid	HanenKP21 (0.22)	Caseau97 (0.27)	ArtiguesL14 (0.28)	Limtanyakul07 (0.28)	PoderB08 (0.28)
Dot	Baptiste02 (117.00)	Lombardi10 (116.00)	HanenKP21 (108.00)	Fahimi16 (108.00)	Schutt11 (108.00)
Cosine	HanenKP21 (0.87)	BaptistePN99 (0.79)	Tesch18 (0.78)	ArtiguesL14 (0.77)	NattafAL15 (0.77)
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	LarsonJC14 (0.26)	RussellU06 (0.34)	Perron05 (0.34)	ZengM12 (0.34)	HenzMT04 (0.35)
Dot	Godet21a (116.00)	Dejemeppe16 (103.00)	Siala15a (100.00)	Lemos21 (96.00)	LarsonJC14 (96.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LarsonJC14 (0.82)	RussellU06 (0.69)	Perron05 (0.68)	ZengM12 (0.67)	LiuLH18 (0.65)
CarlssonKA99 R&C	ArtiguesBF04 (0.83)	BeckF00a (0.85)	BeckDF97 (0.87)	Colombani96 (0.88)	Wolf03 (0.90)
Euclid	LiuJ06 (0.23)	LudwigKRBMS14 (0.24)	KengY89 (0.24)	FoxAS82 (0.25)	AngelsmarkJ00 (0.25)
Dot	Malapert11 (94.00)	Groleaz21 (90.00)	Lunardi20 (89.00)	Dejemeppe16 (88.00)	ZarandiASC20 (88.00)
Cosine	KengY89 (0.73)	DraperJCJ99 (0.71)	LiuJ06 (0.70)	BockmayrP06 (0.69)	WikarekS19 (0.68)
Caseau97 R&C					
Euclid	AngelsmarkJ00 (0.20)	CrawfordB94 (0.20)	Rit86 (0.21)	Puget95 (0.21)	Kameugne15 (0.22)
Dot	Dejemeppe16 (86.00)	Fahimi16 (84.00)	Beck99 (84.00)	Baptiste02 (83.00)	Malapert11 (82.00)
Cosine	KovacsV04 (0.80)	AngelsmarkJ00 (0.79)	KovacsV06 (0.78)	CrawfordB94 (0.77)	Wolf05 (0.77)
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	BenediktSMVH18 (0.26)	Limtanyakul07 (0.27)	BockmayrP06 (0.27)	Colombani96 (0.27)	FoxAS82 (0.28)
Dot	Groleaz21 (96.00)	ZarandiASC20 (86.00)	MilanoW06 (84.00)	Baptiste02 (83.00)	MilanoW09 (82.00)
Cosine	Colombani96 (0.73)	BenediktSMVH18 (0.70)	BockmayrP06 (0.70)	SadykovW06 (0.69)	FontaineMH16 (0.69)
CauwelaertDMS16 R&C	CauwelaertDS20 (0.67)	DejemeppeCS15 (0.74)	GrimesH15 (0.85)	GrimesH10 (0.87)	MurinR19 (0.88)
Euclid	CauwelaertDS20 (0.19)	DejemeppeCS15 (0.20)	VilimBC04 (0.22)	VilimBC05 (0.22)	Vilim04 (0.23)
Dot	Dejemeppe16 (134.00)	Baptiste02 (132.00)	Fahimi16 (125.00)	Malapert11 (124.00)	Schutt11 (120.00)
Cosine	CauwelaertDS20 (0.92)	DejemeppeCS15 (0.91)	VilimBC05 (0.87)	VilimBC04 (0.85)	Vilim04 (0.82)
CauwelaertDS20 R&C	CauwelaertDMS16 (0.67)	DejemeppeCS15 (0.75)	SchuttS16 (0.80)	WolfS05a (0.82)	MurinR19 (0.86)
Euclid	CauwelaertDMS16 (0.19)	DejemeppeCS15 (0.20)	VilimBC05 (0.22)	Vilim04 (0.25)	VilimBC04 (0.26)
Dot	Dejemeppe16 (178.00)	Malapert11 (163.00)	Baptiste02 (163.00)	Schutt11 (158.00)	Fahimi16 (157.00)
Cosine	CauwelaertDMS16 (0.92)	DejemeppeCS15 (0.91)	VilimBC05 (0.89)	Vilim04 (0.85)	VilimBC04 (0.85)
CauwelaertLS15 R&C	GayHLS15 (0.81)	DejemeppeCS15 (0.82)	HoundjiSWD14 (0.82)	GaySS14 (0.84)	SimonisH11 (0.87)
Euclid	CauwelaertLS18 (0.22)	OuelletQ18 (0.28)	DerrienP14 (0.28)	KuchcinskiW03 (0.28)	Caseau97 (0.29)
Dot	CauwelaertLS18 (95.00)	Lombardi10 (91.00)	Godet21a (90.00)	Schutt11 (89.00)	Fahimi16 (86.00)
Cosine	CauwelaertLS18 (0.88)	ClautiauxJCM08 (0.76)	OuelletQ18 (0.74)	HeinzS11 (0.71)	Vilim11 (0.70)
CauwelaertLS18 R&C	CappartTSR18 (0.82)	KameugneFGOQ18 (0.86)	GayHS15a (0.88)	FetgoD22 (0.90)	OuelletQ18 (0.91)
Euclid	CauwelaertLS15 (0.22)	Vilim11 (0.32)	GayHS15a (0.33)	ClautiauxJCM08 (0.33)	OuelletQ18 (0.33)
Dot	Schutt11 (143.00)	Dejemeppe16 (139.00)	Malapert11 (139.00)	Fahimi16 (137.00)	Lombardi10 (136.00)
Cosine	CauwelaertLS15 (0.88)	GayHS15a (0.73)	Vilim11 (0.73)	ClautiauxJCM08 (0.73)	TardivoDFMP23 (0.72)
CestaOF99 R&C					
Euclid	CestaOS00 (0.23)	LombardiM10 (0.24)	OddiRC10 (0.24)	LombardiM12a (0.27)	BeckDSF97a (0.27)
Dot	Lombardi10 (135.00)	Dejemeppe16 (133.00)	Groleaz21 (132.00)	Baptiste02 (132.00)	LaborieRSV18 (130.00)
Cosine	CestaOS00 (0.84)	LombardiM10 (0.83)	SadehF96 (0.83)	DemasseyAM05 (0.82)	OddiRC10 (0.82)
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)	GodardLN05 (0.28)	BeckDF97 (0.28)	BartakCS10 (0.28)
Dot	Baptiste02 (117.00)	Godet21a (116.00)	Lombardi10 (114.00)	Dejemeppe16 (113.00)	Beck99 (113.00)
Cosine	CestaOF99 (0.84)	SadehF96 (0.81)	BeckDSF97a (0.81)	GodardLN05 (0.79)	OddiRCS11 (0.78)
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 (0.15)
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)	TopaloglU011 (0.97)	GuyonLPR12 (0.97)	MilanoW09 (0.98)
Euclid	Baptiste09 (0.16)	CarchraeBF05 (0.16)	ZibranR11 (0.16)	Tsang03 (0.18)	KameugneF13 (0.18)
Dot	Dejemeppe16 (36.00)	Malapert11 (36.00)	Godet21a (35.00)	Lombardi10 (35.00)	AwadMDMT22 (35.00)
Cosine	ZibranR11a (0.77)	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 (0.33)	NuijtenP98 (0.34)	Bartak02a (0.35)	BaptisteP95 (0.35)
Dot	Baptiste02 (186.00)	Dejemeppe16 (182.00)	Godet21a (179.00)	Malapert11 (179.00)	Lombardi10 (177.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	BartakSR08 (0.81)	PengLC14 (0.78)	NuijtenP98 (0.78)	Dorndorf2000 (0.76)	BaptisteP95 (0.76)
ChuGNSW13 R&C					
Euclid	PoderBS04 (0.23)	WolfS05 (0.24)	KovacsV04 (0.25)	BoothNB16 (0.25)	Bartak02a (0.25)
Dot	Dejemeppe16 (101.00)	Fahimi16 (100.00)	Beck99 (97.00)	Baptiste02 (97.00)	Malapert11 (95.00)
Cosine	TrojetHL11 (0.80)	KovacsV04 (0.79)	Madi-WambaLOBM17 (0.79)	PoderBS04 (0.78)	Bartak02a (0.77)
ChuX05 R&C	Hooker05 (0.58)	Hooker06 (0.64)	Hooker05a (0.65)	CireCH13 (0.68)	Hooker04 (0.69)
Euclid	HookerY02 (0.24)	HeinzKB13 (0.25)	Limtanyakul07 (0.25)	Beck10 (0.27)	Sadykov04 (0.28)
Dot	Lombardi10 (106.00)	MilanoW09 (99.00)	MilanoW06 (98.00)	Froger16 (95.00)	Baptiste02 (92.00)
Cosine	HeinzKB13 (0.79)	HookerY02 (0.77)	HamdiL13 (0.76)	Beck10 (0.74)	Limtanyakul07 (0.74)
ChunCTY99 R&C					
Euclid	Puget95 (0.30)	BocewiczBB09 (0.30)	JoLLH99 (0.30)	GelainPRVW17 (0.31)	TranDRFWOVB16 (0.31)
Dot	ZarandiASC20 (88.00)	Lombardi10 (78.00)	Fahimi16 (77.00)	Wallace96 (76.00)	Godet21a (76.00)
Cosine	BocewiczBB09 (0.66)	JoLLH99 (0.65)	Gronkvist06 (0.63)	TranDRFWOVB16 (0.63)	Wallace96 (0.62)
ChunS14 R&C					
Euclid	Prosser89 (0.29)	CestaOS98 (0.29)	Puget95 (0.29)	DincbasS91 (0.29)	AngelsmarkJ00 (0.29)
Dot	ZarandiASC20 (80.00)	Lemos21 (76.00)	Baptiste02 (65.00)	Lombardi10 (64.00)	Froger16 (63.00)
Cosine	Prosser89 (0.65)	MorgadoM97 (0.62)	Madi-WambaLOBM17 (0.60)	TranDRFWOVB16 (0.60)	Salido10 (0.59)
CilKLO22 R&C	Edis21 (0.78)	NaderiBZ22a (0.85)	PohlAK22 (0.89)	ZhangYW21 (0.90)	GunerGSKD23 (0.91)
Euclid	PinarbasiAY19 (0.30)	TopaloglusS12 (0.32)	AlakaP23 (0.33)	Alaka21 (0.33)	AbidinK20 (0.33)
Dot	Lunardi20 (171.00)	ZarandiASC20 (171.00)	Dejemeppe16 (164.00)	Astrand21 (163.00)	Groleaz21 (162.00)
Cosine	PinarbasiAY19 (0.81)	Edis21 (0.78)	TopaloglusS12 (0.78)	AlakaP23 (0.77)	AbidinK20 (0.76)
CireCH13 R&C	HamdiL13 (0.42)	CireCH16 (0.58)	CobanH11 (0.58)	Hooker06 (0.63)	Hooker07 (0.66)
Euclid	HeinzKB13 (0.23)	CireCH16 (0.23)	CobanH10 (0.24)	Beck10 (0.24)	HookerY02 (0.25)
Dot	Lombardi10 (92.00)	HookerH17 (86.00)	MilanoW09 (86.00)	Hooker05 (83.00)	Hooker07 (83.00)
Cosine	HeinzKB13 (0.81)	CireCH16 (0.78)	Beck10 (0.78)	Hooker06 (0.77)	Hooker05 (0.77)
CireCH16 R&C	CobanH11 (0.55)	CireCH13 (0.58)	Hooker07 (0.68)	CobanH10 (0.69)	Beck10 (0.72)
Euclid	CireCH13 (0.23)	Hooker04 (0.24)	BeniniLMMR08 (0.26)	Hooker05a (0.26)	HechingH16 (0.26)
Dot	Hooker07 (97.00)	Lombardi10 (93.00)	Hooker19 (91.00)	LaborieRSV18 (89.00)	BajestaniB13 (88.00)
Cosine	Hooker07 (0.83)	Hooker04 (0.81)	CireCH13 (0.78)	BeniniLMMR08 (0.78)	Hooker06 (0.77)
ClautiauxJCM08 R&C	MercierH08 (0.91)	LetortCB13 (0.92)	BonfiettiZLM16 (0.92)	GrimesHM09 (0.92)	BeldiceanuCDP11 (0.93)
Euclid	CauwelaertLS15 (0.29)	WolfS05 (0.29)	BeldiceanuP07 (0.30)	PoderB08 (0.30)	KovacsB08 (0.31)
Dot	Malapert11 (123.00)	Schutt11 (123.00)	Godet21a (120.00)	Lombardi10 (120.00)	Fahimi16 (119.00)
Cosine	CauwelaertLS15 (0.76)	KovacsB08 (0.75)	WolfS05 (0.74)	BeldiceanuP07 (0.73)	CauwelaertLS18 (0.73)
Clercq12 R&C					
Euclid	Derrien15 (0.33)	BeckF00a (0.38)	Letort13 (0.39)	BeckF99 (0.39)	GayHS15a (0.40)
Dot	Malapert11 (182.00)	Dejemeppe16 (173.00)	Fahimi16 (173.00)	Schutt11 (170.00)	Beck99 (159.00)
Cosine	Derrien15 (0.80)	Kameugne14 (0.74)	Letort13 (0.74)	BeckF00a (0.72)	GayHS15a (0.69)
ClercqPBJ11 R&C	LetortBC12 (0.87)	GayHS15a (0.87)	LetortCB15 (0.88)	OuelletQ13 (0.88)	GayHS15 (0.90)
Euclid	Vilim09 (0.29)	Vilim04 (0.31)	abs-0907-0939 (0.31)	DerrienP14 (0.31)	DerrienPZ14 (0.31)
Dot	Fahimi16 (108.00)	Malapert11 (105.00)	Dejemeppe16 (102.00)	Godet21a (98.00)	Schutt11 (97.00)
Cosine	abs-0907-0939 (0.75)	Vilim09 (0.71)	DerrienPZ14 (0.71)	Vilim04 (0.69)	Vilim11 (0.69)
CobanH10 R&C	Hooker06 (0.67)	CireCH13 (0.67)	CireCH16 (0.69)	HamdiL13 (0.71)	Hooker05a (0.71)
Euclid	CireCH13 (0.24)	Hooker17 (0.25)	CobanH11 (0.27)	CireCH16 (0.29)	HechingH16 (0.29)
Dot	Lombardi10 (93.00)	CobanH11 (84.00)	BajestaniB13 (80.00)	LombardiM12 (78.00)	Hooker19 (78.00)
Cosine	CobanH11 (0.81)	CireCH13 (0.75)	EmeretlisTAV17 (0.73)	Hooker07 (0.71)	ElciOH22 (0.68)
CobanH11 R&C	CireCH16 (0.55)	CireCH13 (0.58)	Hooker06 (0.63)	Hooker07 (0.67)	BeniniLMMR08 (0.71)
Euclid	CobanH10 (0.27)	HamdiL13 (0.27)	ElciOH22 (0.29)	EmeretlisTAV17 (0.29)	Hooker07 (0.30)
Dot	Lombardi10 (147.00)	ZarandiASC20 (133.00)	Groleaz21 (132.00)	Hooker19 (129.00)	BajestaniB13 (124.00)
Cosine	HamdiL13 (0.81)	CobanH10 (0.81)	ElciOH22 (0.80)	EmeretlisTAV17 (0.79)	Hooker07 (0.79)
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)	CarchraeBF05 (0.25)	AngelsmarkJ00 (0.25)
Dot	Groleaz21 (64.00)	Lemos21 (63.00)	Lunardi20 (62.00)	ZarandiASC20 (62.00)	LaborieRSV18 (61.00)
Cosine	ZibranR11 (0.69)	ZibranR11a (0.67)	BoothNB16 (0.64)	BockmayrP06 (0.64)	BukchinR18 (0.64)
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 (0.21)	NuijtenA96 (0.32)	PacinoH11 (0.32)	WatsonB08 (0.32)
Dot	ColT22 (136.00)	Groleaz21 (126.00)	JuvinHHL23 (116.00)	Dejemeppe16 (116.00)	Godet21a (114.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	ColT2019a (0.92)	abs-2102-08778 (0.87)	TasselGS23 (0.74)	abs-2306-05747 (0.74)	Bit-Monnot23 (0.72)
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 (0.22)	WatsonB08 (0.31)	CarchraeB09 (0.31)	PacinoH11 (0.32)
Dot	ColT22 (126.00)	Groleaz21 (121.00)	Dejemeppe16 (114.00)	ColT19 (109.00)	LacknerMMWW23 (107.00)
Cosine	ColT19 (0.92)	abs-2102-08778 (0.84)	CarchraeB09 (0.73)	Bit-Monnot23 (0.72)	WatsonB08 (0.71)
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 (0.46)	abs-2102-08778 (0.46)	ColT2019a (0.46)
Dot	Groleaz21 (255.00)	ZarandiASC20 (251.00)	Dejemeppe16 (237.00)	Baptiste02 (232.00)	Lunardi20 (229.00)
Cosine	OujanaAYB22 (0.74)	ColT19 (0.72)	Novas19 (0.71)	abs-2102-08778 (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 (0.24)	Limtanyakul07 (0.25)	BockmayrP06 (0.25)	FoxAS82 (0.26)	HeipckeCCS00 (0.26)
Dot	Baptiste02 (112.00)	ZarandiASC20 (110.00)	Beck99 (110.00)	Groleaz21 (108.00)	BartakSR10 (108.00)
Cosine	Zhou96 (0.82)	Zhou97 (0.80)	Pape94 (0.78)	HeipckeCCS00 (0.78)	MonetteDH09 (0.77)
CorreaLR07 R&C	CambazardJ05 (0.82)	Hooker07 (0.83)	Hooker05 (0.83)	BeniniBGM06 (0.83)	Hooker04 (0.86)
Euclid	Hooker04 (0.30)	Thorsteinsson01 (0.31)	UnsalO19 (0.31)	CireCH13 (0.31)	Hooker05a (0.32)
Dot	Lombardi10 (110.00)	LaborieRSV18 (108.00)	LiW08 (101.00)	Godet21a (100.00)	MilanoW09 (100.00)
Cosine	QinDS16 (0.75)	UnsalO19 (0.74)	BeniniLMR11 (0.73)	Hooker04 (0.72)	LiW08 (0.71)
CrawfordB94 R&C					
Euclid	LauLN08 (0.18)	KengY89 (0.19)	FoxAS82 (0.20)	AngelsmarkJ00 (0.20)	Caseau97 (0.20)
Dot	Beck99 (66.00)	BartakSR10 (63.00)	LaborieRSV18 (62.00)	SchildW00 (62.00)	GrimesH15 (62.00)
Cosine	KengY89 (0.82)	LauLN08 (0.79)	DoRZ08 (0.78)	Caseau97 (0.77)	FoxAS82 (0.76)
CzerniachowskaWZ23 R&C					
Euclid	JuvinHL23 (0.33)	TanZWGQ19 (0.34)	LiFJZLL22 (0.34)	NovasH14 (0.34)	MurinR19 (0.35)
Dot	Lunardi20 (180.00)	ZarandiASC20 (165.00)	Groleaz21 (163.00)	Astrand21 (156.00)	ColT22 (154.00)
Cosine	JuvinHL23 (0.76)	LiFJZLL22 (0.75)	NovasH14 (0.75)	TanZWGQ19 (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 (0.22)	BeckR03 (0.29)	Puget95 (0.29)	MonetteDH09 (0.30)	PacinoH11 (0.30)
Dot	LaborieRSV18 (115.00)	Groleaz21 (111.00)	Dejemeppe16 (110.00)	GrimesH11 (104.00)	GrimesH15 (101.00)
Cosine	PerronSF04 (0.83)	BeckR03 (0.80)	MonetteDH09 (0.77)	CarchraeB09 (0.74)	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 (0.30)	HookerO99 (0.34)	HarjunkoskiJG00 (0.35)	Bartak02 (0.35)	PesantGPR99 (0.36)
Dot	Malapert11 (119.00)	Lombardi10 (109.00)	Baptiste02 (106.00)	Groleaz21 (103.00)	LaborieRSV18 (102.00)
Cosine	RodosekWH99 (0.76)	HookerO99 (0.70)	RodosekW98 (0.64)	Bartak02 (0.64)	HarjunkoskiJG00 (0.63)
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 (0.25)	CarchraeBF05 (0.26)	KovacsEKV05 (0.26)	CestaOS98 (0.26)	WuBB05 (0.26)
Dot	ZarandiASC20 (63.00)	Groleaz21 (63.00)	KelbelH11 (55.00)	TerekhovDOB12 (55.00)	Lombardi10 (55.00)
Cosine	KeriK07 (0.59)	Hooker05a (0.57)	KrogtLPHJ07 (0.56)	Hooker06 (0.55)	BeckR03 (0.54)
DavenportKRSH07 R&C	SimoninAHL15 (0.86)	BeldiceanuP07 (0.89)	SimoninAHL12 (0.90)	SerraNM12 (0.90)	AntuoriHHEN20 (0.90)
Euclid	CauwelaertDMS16 (0.25)	MakMS10 (0.28)	Vilim04 (0.29)	Pape94 (0.29)	GilesH16 (0.29)
Dot	Astrand21 (113.00)	Malapert11 (108.00)	LaborieRSV18 (107.00)	Dejemeppe16 (107.00)	Baptiste02 (106.00)
Cosine	CauwelaertDMS16 (0.80)	CauwelaertDS20 (0.76)	FocacciLN00 (0.75)	Pape94 (0.75)	Pralet17 (0.74)
Davis87 R&C	DincbasSH90 (0.89)	BeckF00 (0.93)	Dorndorf2000 (0.94)	SadehF96 (0.94)	Salido10 (0.95)
Euclid	Valdes87 (0.17)	LiuJ06 (0.18)	AngelsmarkJ00 (0.18)	Hunsberger08 (0.19)	FrostD98 (0.19)
Dot	Lombardi10 (47.00)	Astrand21 (47.00)	Malapert11 (46.00)	Schutt11 (46.00)	Dejemeppe16 (44.00)
Cosine	Valdes87 (0.67)	RoweJCA96 (0.67)	CrawfordB94 (0.66)	Rit86 (0.66)	Hunsberger08 (0.64)
Dejemeppe16 R&C					
Euclid	GrimesH15 (0.63)	Fahimi16 (0.64)	DejemeppeCS15 (0.64)	BartakSR10 (0.65)	Beck99 (0.65)
Dot	ZarandiASC20 (339.00)	Groleaz21 (333.00)	Malapert11 (319.00)	Baptiste02 (308.00)	Lombardi10 (292.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GrimesH15 (0.69)	Fahimi16 (0.69)	Malapert11 (0.68)	DejemeppeCS15 (0.67)	Beck99 (0.67)
DejemeppeCS15 R&C	CauwelaertDMS16 (0.74)	CauwelaertDS20 (0.75)	GayHS15a (0.76)	GrimesH10 (0.77)	GaySS14 (0.79)
Euclid	CauwelaertDMS16 (0.20)	CauwelaertDS20 (0.20)	VilimBC05 (0.22)	VilimBC04 (0.23)	Vilim04 (0.26)
Dot	Dejemeppe16 (182.00)	Baptiste02 (167.00)	Malapert11 (161.00)	Groleaz21 (161.00)	Fahimi16 (156.00)
Cosine	CauwelaertDS20 (0.91)	CauwelaertDMS16 (0.91)	VilimBC05 (0.88)	VilimBC04 (0.87)	Vilim04 (0.84)
DejemeppeD14 R&C	DannaP03 (0.90)	SchausHMCMD11 (0.92)	GarganiR07 (0.92)	VerfaillieL01 (0.92)	PesantRR15 (0.93)
Euclid	BeckW05 (0.29)	Caseau97 (0.30)	GodardLN05 (0.31)	VilimBC04 (0.32)	HookerY02 (0.32)
Dot	Dejemeppe16 (132.00)	Malapert11 (99.00)	ZarandiASC20 (97.00)	LaborieRSV18 (96.00)	Lombardi10 (95.00)
Cosine	GodardLN05 (0.73)	BeckW05 (0.71)	HeckmanB11 (0.70)	VilimBC04 (0.70)	DerrienPZ14 (0.68)
Demassey03 R&C					
Euclid	DemasseyAM05 (0.39)	Kameugne14 (0.39)	BaptistePN99 (0.41)	BartakSR08 (0.41)	Derrien15 (0.42)
Dot	Baptiste02 (205.00)	Schutt11 (198.00)	Malapert11 (197.00)	Fahimi16 (194.00)	Lombardi10 (193.00)
Cosine	Kameugne14 (0.78)	DemasseyAM05 (0.76)	Elkhyari03 (0.73)	BaptistePN99 (0.73)	BartakSR08 (0.72)
DemasseyAM05 R&C	NeronABCDD06 (0.71)	BruckerK00 (0.73)	LiessM08 (0.77)	ArkhipovBL19 (0.80)	DorndorfHP99 (0.83)
Euclid	LiessM08 (0.22)	BaptisteP97 (0.24)	CestaOF99 (0.27)	Laborie05 (0.27)	BofillCSV17a (0.28)
Dot	Lombardi10 (171.00)	Baptiste02 (170.00)	Schutt11 (168.00)	Dejemeppe16 (160.00)	Groleaz21 (158.00)
Cosine	LiessM08 (0.88)	BaptisteP97 (0.87)	Laborie05 (0.83)	CestaOF99 (0.82)	BaptistePN99 (0.82)
DemirovicS18 R&C	KreterSS15 (0.94)	KreterSS17 (0.94)	MusliuSS18 (0.95)	FrimodigS19 (0.95)	FrohnerTR19 (0.95)
Euclid	ShaikhK23 (0.30)	QuSN06 (0.30)	Puget95 (0.30)	Bonfietti16 (0.30)	BeniniBGM05a (0.30)
Dot	Astrand21 (88.00)	Lemos21 (87.00)	Fahimi16 (86.00)	Groleaz21 (85.00)	Godet21a (84.00)
Cosine	ElkhyariGJ02a (0.66)	ShaikhK23 (0.66)	HeipckeCCS00 (0.64)	FontaineMH16 (0.64)	NishikawaSTT18 (0.63)
Derrien15 R&C					
Euclid	Clercq12 (0.33)	DerrienP14 (0.36)	KovacsV04 (0.36)	Letort13 (0.36)	Vilim11 (0.37)
Dot	Fahimi16 (174.00)	Malapert11 (170.00)	Godet21a (167.00)	Dejemeppe16 (159.00)	Schutt11 (158.00)
Cosine	Clercq12 (0.80)	Letort13 (0.76)	Kameugne14 (0.73)	Fahimi16 (0.72)	Demassey03 (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)	Vilim09 (0.27)	PoderB08 (0.27)	Vilim09a (0.27)
Dot	Fahimi16 (88.00)	Schutt11 (86.00)	SchuttFS13a (84.00)	Derrien15 (82.00)	TardivoDFMP23 (81.00)
Cosine	Vilim11 (0.78)	Tesch16 (0.77)	DerrienPZ14 (0.73)	Vilim09 (0.71)	OuelletQ18 (0.70)
DerrienPZ14 R&C	FahimiOQ18 (0.73)	Mercier-AubinGQ20 (0.80)	GayHS15 (0.82)	KameugneFSN14 (0.89)	Madi-WambaLOBM17 (0.89)
Euclid	DerrienP14 (0.28)	Tesch16 (0.29)	BofillCSV17a (0.30)	BhatnagarKL19 (0.30)	LombardiM13 (0.30)
Dot	Fahimi16 (111.00)	Malapert11 (107.00)	Dejemeppe16 (107.00)	LaborieRSV18 (105.00)	Godet21a (104.00)
Cosine	DerrienP14 (0.73)	Tesch16 (0.73)	BonfiettiZLM16 (0.72)	SchuttCSW12 (0.71)	CestaOF99 (0.71)
DilkinaDH05 R&C	ArtiguesR00 (0.90)	ElkhyariGJ02 (0.92)	ArtiguesBF04 (0.94)	GrimesHM09 (0.95)	TorresL00 (0.95)
Euclid	HebrardTW05 (0.23)	FoxAS82 (0.26)	OddiS97 (0.26)	DoRZ08 (0.26)	CrawfordB94 (0.26)
Dot	Dejemeppe16 (79.00)	Groleaz21 (77.00)	Nuijten94 (77.00)	ZarandiASC20 (76.00)	Astrand21 (76.00)
Cosine	SmithC93 (0.71)	NuijtenA94 (0.70)	BillautHL12 (0.70)	OddiS97 (0.70)	NuijtenA96 (0.70)
DilkinaH04 R&C					
Euclid	Tsang03 (0.20)	FeldmanG89 (0.21)	GelainPRVW17 (0.21)	Vilim03 (0.22)	AbrilSB05 (0.22)
Dot	ZarandiASC20 (54.00)	Lemos21 (51.00)	HookerH17 (50.00)	Lombardi10 (50.00)	Beck99 (49.00)
Cosine	GelainPRVW17 (0.68)	BartakS11 (0.68)	HenzMT04 (0.66)	Tsang03 (0.65)	LiuLH19 (0.64)
DincbasS91 R&C					
Euclid	Simonis95 (0.22)	CestaOS98 (0.23)	KovacsEKV05 (0.23)	Caballero23 (0.24)	AngelsmarkJ00 (0.24)
Dot	Simonis07 (52.00)	Simonis99 (48.00)	Wallace96 (43.00)	ZarandiASC20 (41.00)	Simonis95a (39.00)
Cosine	Simonis95 (0.66)	TranDRFWOVB16 (0.61)	JoLLH99 (0.60)	ChunS14 (0.56)	GruianK98 (0.54)
DincbasSH90 R&C	Wallace96 (0.86)	NuijtenA96 (0.86)	Davis87 (0.89)	BeckF00 (0.89)	Salido10 (0.90)
Euclid	Rit86 (0.23)	Simonis95 (0.28)	LammaMM97 (0.28)	Bartak02a (0.30)	BrusoniCLMMT96 (0.30)
Dot	Baptiste02 (100.00)	Malapert11 (98.00)	Lombardi10 (92.00)	RoePS05 (91.00)	Siala15a (90.00)
Cosine	Rit86 (0.79)	LammaMM97 (0.76)	AggounB93 (0.71)	Pape94 (0.70)	Bartak02a (0.70)
DoRZ08 R&C					
Euclid	CrawfordB94 (0.21)	LauLN08 (0.23)	FukunagaHFAMN02 (0.23)	FoxAS82 (0.24)	DilkinaDH05 (0.26)
Dot	Astrand21 (76.00)	Dejemeppe16 (74.00)	BidotVLB09 (74.00)	Beck99 (74.00)	LaborieRSV18 (73.00)
Cosine	CrawfordB94 (0.78)	GetoorOFC97 (0.72)	BeckW04 (0.71)	LauLN08 (0.71)	Beck06 (0.70)
DomdorfPH03 R&C	BlazewiczDP96 (0.80)	Dorndorf2000 (0.82)	JainM99 (0.86)	DorndorfHP99 (0.87)	SourdN00 (0.87)
Euclid					
Dot					

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine					
DoomsH08 R&C					
Euclid	BonfiettiM12 (0.22)	Caballero23 (0.24)	LombardiM13 (0.24)	BeckW05 (0.25)	OddiS97 (0.25)
Dot	Lombardi10 (80.00)	ZarandiASC20 (79.00)	BeckW07 (76.00)	Groleaz21 (75.00)	LaborieRSV18 (73.00)
Cosine	LombardiM09 (0.74)	BeckW05 (0.73)	BonfiettiM12 (0.72)	LombardiBM15 (0.72)	OddiS97 (0.72)
Dorndorf2000 R&C	DorndorfHP99 (0.74)	DomdorfPH03 (0.82)	DorndorfPH99 (0.85)	SourdN00 (0.85)	BeckF00 (0.86)
Euclid	BartakSR08 (0.37)	PengLC14 (0.37)	BaptisteP95 (0.37)	ChenGPSH10 (0.37)	NuijtenP98 (0.38)
Dot	Baptiste02 (207.00)	Groleaz21 (201.00)	Malapert11 (193.00)	Godet21a (189.00)	Fahimi16 (187.00)
Cosine	BartakSR08 (0.76)	ChenGPSH10 (0.76)	PengLC14 (0.76)	BaptisteP95 (0.75)	NuijtenP98 (0.75)
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	ChapadosJR11 (0.27)	DoulabiRP16 (0.29)	GhandehariK22 (0.29)	ZibranR11 (0.29)	KovacsEKV05 (0.30)
Dot	RiiseML16 (72.00)	ZarandiASC20 (71.00)	RoshanaeiLAU17 (70.00)	GhandehariK22 (70.00)	RoshanaeiN21 (68.00)
Cosine	GhandehariK22 (0.74)	DoulabiRP16 (0.72)	RiiseML16 (0.71)	Wolf11 (0.64)	GurEA19 (0.64)
DoulabiRP16 R&C	RoshanaeiLAU17 (0.70)	RoshanaeiLAU17a (0.70)	DoulabiRP14 (0.74)	WangMD15 (0.74)	RoshanaeiBAUB20 (0.77)
Euclid	GhandehariK22 (0.28)	GurEA19 (0.28)	DoulabiRP14 (0.29)	GurPAE23 (0.29)	ZhaoL14 (0.31)
Dot	RoshanaeiLAU17 (111.00)	ZarandiASC20 (103.00)	RoshanaeiBAUB20 (102.00)	WangMD15 (97.00)	ZhaoL14 (97.00)
Cosine	RoshanaeiLAU17 (0.78)	GhandehariK22 (0.78)	ZhaoL14 (0.76)	GurEA19 (0.76)	GurPAE23 (0.75)
DraperJCJ99 R&C					
Euclid	BonfiettiLBM11 (0.29)	CarlssonKA99 (0.29)	BeckPS03 (0.30)	Caseau97 (0.30)	KovacsV06 (0.30)
Dot	Astrand21 (115.00)	Dejemeppe16 (110.00)	Lombardi10 (109.00)	Groleaz21 (108.00)	ZarandiASC20 (107.00)
Cosine	BeckPS03 (0.77)	BonfiettiLBM11 (0.74)	KovacsV06 (0.72)	KovacsV04 (0.72)	CarlssonKA99 (0.71)
EastonNT02 R&C	RasmussenT06 (0.80)	Trick03 (0.83)	RasmussenT09 (0.85)	HenzMT04 (0.88)	RussellU06 (0.90)
Euclid	SuCC13 (0.17)	RasmussenT06 (0.17)	ElfJR03 (0.20)	NaqviAIAAA22 (0.21)	RasmussenT09 (0.21)
Dot	KendallKRU10 (68.00)	Ribeiro12 (64.00)	RasmussenT09 (61.00)	ZengM12 (57.00)	RasmussenT07 (56.00)
Cosine	RasmussenT06 (0.85)	RasmussenT09 (0.83)	SuCC13 (0.83)	ZengM12 (0.81)	Trick03 (0.79)
Edis21 R&C	CilKLO22 (0.78)	AlakaPY19 (0.88)	KizilayC20 (0.89)	PinarbasiAY19 (0.90)	MengLZB21 (0.92)
Euclid	TopalogluSS12 (0.32)	PinarbasiAY19 (0.34)	CilKLO22 (0.34)	AlakaP23 (0.35)	AbidinK20 (0.36)
Dot	ZarandiASC20 (173.00)	Dejemeppe16 (166.00)	Groleaz21 (164.00)	Lunardi20 (144.00)	Astrand21 (144.00)
Cosine	TopalogluSS12 (0.79)	CilKLO22 (0.78)	PinarbasiAY19 (0.76)	AlakaP23 (0.74)	AbidinK20 (0.73)
EdisO11 R&C	EdisO11a (0.78)	HamdiL13 (0.82)	ArbaouiY18 (0.82)	ZhangLS12 (0.83)	CireCH13 (0.85)
Euclid	Limtanyakul07 (0.28)	BenediktSMVH18 (0.28)	ArbaouiY18 (0.29)	HookerY02 (0.30)	ChuX05 (0.30)
Dot	Groleaz21 (114.00)	ZarandiASC20 (112.00)	Lunardi20 (108.00)	YunusogluY22 (107.00)	Baptiste02 (106.00)
Cosine	ArbaouiY18 (0.74)	QinDS16 (0.73)	HamdiL13 (0.72)	HeinzNVH22 (0.71)	Ham18a (0.70)
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)	abs-2102-08778 (0.33)	GalleguillosKSB19 (0.34)	Tassel22 (0.35)	KotaryFH22 (0.35)
Dot	Groleaz21 (116.00)	ZarandiASC20 (108.00)	Dejemeppe16 (108.00)	Godet21a (103.00)	abs-2211-14492 (100.00)
Cosine	IklassovMR023 (0.69)	KotaryFH22 (0.67)	abs-2102-08778 (0.66)	TasselGS23 (0.65)	abs-2306-05747 (0.65)
ElciOH22 R&C	MartnezAJ22 (0.54)	NaderiR22 (0.67)	HechingHK19 (0.85)	ForbesHJST24 (0.85)	Hooker05 (0.87)
Euclid	CireCH13 (0.28)	CobanH11 (0.29)	Beck10 (0.29)	CireCH16 (0.30)	ForbesHJST24 (0.31)
Dot	Hooker19 (127.00)	Lombardi10 (127.00)	Groleaz21 (121.00)	NaderiRR23 (120.00)	ZarandiASC20 (120.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	CobanH11 (0.80)	Hooker19 (0.79)	CireCH13 (0.77)	ForbesHJST24 (0.76)	Beck10 (0.75)
ElfJR03 R&C	HenzMT04 (0.80)	RasmussenT07 (0.81)	Henz01 (0.83)	Rgin2001 (0.87)	Perron05 (0.90)
Euclid	SuCC13 (0.20)	EastonNT02 (0.20)	RasmussenT06 (0.21)	NaqviAIAAA22 (0.22)	ChapadosJR11 (0.22)
Dot	KendallKRU10 (59.00)	Ribeiro12 (48.00)	ZarandiASC20 (47.00)	RasmussenT09 (47.00)	Lunardi20 (46.00)
Cosine	SuCC13 (0.75)	RasmussenT06 (0.75)	EastonNT02 (0.73)	NaqviAIAAA22 (0.72)	RasmussenT09 (0.72)
ElhouraniDM07 R&C					
Euclid	AbrilSB05 (0.25)	MaraveliasG04 (0.25)	KameugneF13 (0.25)	Baptiste09 (0.26)	LiuJ06 (0.27)
Dot	SultanikMR07 (36.00)	Godet21a (35.00)	Lemos21 (34.00)	Dejemeppe16 (34.00)	ZarandiASC20 (29.00)
Cosine	SultanikMR07 (0.62)	SunLYL10 (0.43)	BartakS11 (0.40)	Salido10 (0.38)	AlesioNBG14 (0.37)
Elkhyari03 R&C					
Euclid	MalapertCGJLR13 (0.39)	VilimLS15 (0.42)	ElkhyariGJ02a (0.43)	BartakSR08 (0.43)	KovacsV04 (0.43)
Dot	Groleaz21 (226.00)	Godet21a (207.00)	Baptiste02 (207.00)	ZarandiASC20 (204.00)	Malapert11 (191.00)
Cosine	MalapertCGJLR13 (0.75)	Demassey03 (0.73)	VilimLS15 (0.71)	BartakSR08 (0.70)	ElkhyariGJ02a (0.69)
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 (0.24)	Bonfietti16 (0.25)
Dot	Lombardi10 (94.00)	Godet21a (89.00)	Schutt11 (88.00)	Baptiste02 (87.00)	ZarandiASC20 (84.00)
Cosine	ElkhyariGJ02a (0.77)	LiessM08 (0.75)	WallaceF00 (0.72)	LombardiM13 (0.71)	BhatnagarKL19 (0.70)
ElkhyariGJ02a R&C	ElkhyariGJ02 (0.77)	BruckerK00 (0.84)	PoderBS04 (0.87)	DemasseyAM05 (0.87)	LiessM08 (0.88)
Euclid	ElkhyariGJ02 (0.30)	LombardiM10 (0.31)	Bartak02 (0.32)	LiessM08 (0.32)	OddiRC10 (0.32)
Dot	Godet21a (145.00)	Lombardi10 (142.00)	Baptiste02 (140.00)	Schutt11 (135.00)	Siala15a (132.00)
Cosine	ElkhyariGJ02 (0.77)	LombardiM10 (0.74)	LiessM08 (0.74)	Bartak02 (0.73)	Pape94 (0.72)
EmdeZD22 R&C	HechingHK19 (0.91)	TranAB16 (0.93)	ElciOH22 (0.93)	CobanH11 (0.93)	CireCH13 (0.93)
Euclid	Beck10 (0.36)	CobanH11 (0.37)	HamdiL13 (0.37)	CireCH13 (0.38)	EdisO11 (0.38)
Dot	ZarandiASC20 (154.00)	Lombardi10 (142.00)	Groleaz21 (137.00)	Lunardi20 (135.00)	NaderiRR23 (131.00)
Cosine	CobanH11 (0.71)	Beck10 (0.70)	NaderiBZ23 (0.69)	NaderiBZ22 (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 (0.31)	CobanH10 (0.31)
Dot	Lombardi10 (165.00)	Groleaz21 (140.00)	ZarandiASC20 (138.00)	Astrand21 (136.00)	Dejemeppe16 (134.00)
Cosine	BeniniLMR11 (0.79)	CobanH11 (0.79)	Hooker05 (0.78)	BeniniLMMR08 (0.77)	BeniniBGM05 (0.75)
EreminW01 R&C	Thorsteinsson01 (0.79)	BenoistGR02 (0.79)	Hooker04 (0.83)	ChuX05 (0.88)	CambazardHDJT04 (0.88)
Euclid	CireCH16 (0.31)	PesantGPR99 (0.31)	Wallace06 (0.31)	LozanoCDS12 (0.31)	BockmayrP06 (0.32)
Dot	MilanoW09 (113.00)	MilanoW06 (112.00)	Froger16 (108.00)	Wallace06 (103.00)	Lombardi10 (101.00)
Cosine	Wallace06 (0.77)	CireCH16 (0.70)	BeniniLMR11 (0.69)	MilanoW06 (0.68)	CorreaLR07 (0.68)
ErkingerM17 R&C	MusliuSS18 (0.82)	ZarandiASC20 (0.98)	DoulabiRP16 (0.98)		
Euclid	BandaSC11 (0.25)	ZibranR11 (0.26)	BourdaisGP03 (0.26)	GelainPRVW17 (0.26)	ZhangLS12 (0.26)
Dot	Godet21a (68.00)	Baptiste02 (66.00)	Caballero19 (65.00)	German18 (64.00)	Wallace06 (63.00)
Cosine	LiuLH19 (0.67)	BourdaisGP03 (0.67)	BandaSC11 (0.66)	MusliuSS18 (0.65)	ZhangLS12 (0.64)
ErtlK91 R&C	MalikMB08 (0.89)	Goltz95 (0.95)	AggounB93 (0.96)	TrentesauxPT01 (0.96)	RodosekW98 (0.96)
Euclid	LiuJ06 (0.22)	MalikMB08 (0.23)	RoweJCA96 (0.24)	FukunagaHFAMN02 (0.24)	LudwigKRBMS14 (0.25)
Dot	Lombardi10 (65.00)	BeldiceanuC94 (62.00)	Malik08 (60.00)	HarjunkoskiMBC14 (60.00)	Schutt11 (59.00)
Cosine	MalikMB08 (0.75)	BegB13 (0.70)	BessiereHMQW14 (0.69)	Malik08 (0.69)	RoweJCA96 (0.68)
EscobetPQPRA19 R&C	KlankeBYE21 (0.89)	AwadMDMT22 (0.92)	NovaraNH16 (0.93)	Novas19 (0.94)	OujanaAYB22 (0.95)
Euclid	Colombani96 (0.30)	Limtanyakul07 (0.33)	KhayatLR06 (0.33)	QuirogaZH05 (0.33)	BockmayrP06 (0.33)
Dot	HarjunkoskiMBC14 (124.00)	Groleaz21 (123.00)	ZarandiASC20 (122.00)	Dejemeppe16 (117.00)	LaborieRSV18 (110.00)
Cosine	Colombani96 (0.74)	KhayatLR06 (0.70)	QuirogaZH05 (0.70)	HarjunkoskiG02 (0.68)	JainG01 (0.68)
EskeyZ90 R&C					
Euclid	LuoVLBM16 (0.27)	WallaceF00 (0.27)	FukunagaHFAMN02 (0.27)	MurphyMB15 (0.27)	HoYCLLCLC18 (0.27)
Dot	Beck99 (86.00)	Lombardi10 (85.00)	ZarandiASC20 (81.00)	Schutt11 (76.00)	Dejemeppe16 (75.00)
Cosine	HurleyOS16 (0.68)	MorgadoM97 (0.67)	ElkhyariGJ02 (0.66)	MurphyMB15 (0.66)	LuoVLBM16 (0.65)
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	ZhangYW21 (0.35)	LahimerLH11 (0.35)	KhayatLR06 (0.36)	YuraszeckMCCR23 (0.36)	HillTV21 (0.37)
Dot	ZarandiASC20 (177.00)	Groleaz21 (177.00)	Lunardi20 (156.00)	Dejemeppe16 (148.00)	Lombardi10 (145.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	YuraszeckMCCR23 (0.75)	ZhangYW21 (0.74)	LahimerLH11 (0.73)	VilimLS15 (0.73)	KhayatLR06 (0.72)
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)	MurphyMB15 (0.32)	PoderB08 (0.32)
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)	ZampelliVSDR13 (0.68)	BeldiceanuCDP11 (0.68)
EvenSH15a R&C					
Euclid	EvenSH15 (0.09)	WolfS05 (0.28)	BeldiceanuP07 (0.30)	PoderB08 (0.32)	SimonisH11 (0.32)
Dot	EvenSH15 (120.00)	Lombardi10 (113.00)	ZarandiASC20 (110.00)	Dejemeppe16 (109.00)	Malapert11 (105.00)
Cosine	EvenSH15 (0.98)	WolfS05 (0.76)	BeldiceanuP07 (0.72)	PoderB08 (0.67)	SimonisH11 (0.67)
FachiniA20 R&C	MartnezAJ22 (0.84)	ElciOH22 (0.88)	ZarandiB12 (0.90)	HechingHK19 (0.92)	NaderiR22 (0.93)
Euclid	MontemanniD23 (0.37)	FallahiAC20 (0.38)	BarzegaranZP20 (0.39)	MontemanniD23a (0.39)	EreminW01 (0.40)
Dot	Froger16 (128.00)	Lunardi20 (102.00)	Lemos21 (102.00)	Groleaz21 (102.00)	HarjunkoskiMBC14 (102.00)
Cosine	MontemanniD23 (0.62)	GoldwaserS18 (0.62)	FallahiAC20 (0.62)	NaderiBZR23 (0.60)	EreminW01 (0.60)
Fahimi16 R&C					
Euclid	FahimiOQ18 (0.41)	GokgurHO18 (0.47)	BartakSR08 (0.48)	BartakSR10 (0.49)	Kameugne14 (0.50)
Dot	Baptiste02 (287.00)	Malapert11 (285.00)	Dejemeppe16 (284.00)	Groleaz21 (263.00)	Lombardi10 (262.00)
Cosine	FahimiOQ18 (0.82)	GokgurHO18 (0.75)	BartakSR10 (0.75)	BartakSR08 (0.75)	Baptiste02 (0.73)
FahimiOQ18 R&C	KameugneFSN14 (0.65)	Tesch16 (0.72)	DerrienPZ14 (0.73)	OuelletQ18 (0.74)	OuelletQ13 (0.76)
Euclid	MonetteDD07 (0.36)	OuelletQ13 (0.37)	VilimBC05 (0.37)	Wolf03 (0.37)	Wolf05 (0.39)
Dot	Fahimi16 (230.00)	Dejemeppe16 (217.00)	Schutt11 (215.00)	Malapert11 (214.00)	Baptiste02 (214.00)
Cosine	Fahimi16 (0.82)	MonetteDD07 (0.78)	OuelletQ13 (0.78)	VilimBC05 (0.77)	Wolf03 (0.77)
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)	CarchraeBF05 (0.20)	FrostD98 (0.21)	LiuJ06 (0.21)	JelinekB16 (0.21)
Dot	Simonis07 (39.00)	Wallace96 (39.00)	Simonis99 (39.00)	BosiM2001 (39.00)	Thorsteinsson01 (38.00)
Cosine	Touraivane95 (0.82)	BadicaBIL19 (0.64)	MartinPY01 (0.64)	Thorsteinsson01 (0.61)	AbdennadherS99 (0.61)
FallahiAC20 R&C					
Euclid	BarzegaranZP20 (0.28)	abs-1902-01193 (0.30)	GelainPRVW17 (0.30)	LiuLH19 (0.31)	ZhangLS12 (0.31)
Dot	ZarandiASC20 (104.00)	Groleaz21 (100.00)	Dejemeppe16 (100.00)	Lemos21 (99.00)	Froger16 (99.00)
Cosine	BarzegaranZP20 (0.72)	Wallace06 (0.68)	abs-1902-01193 (0.66)	LiuLH19 (0.66)	LiuCGM17 (0.65)
FalqueALM24 R&C					
Euclid	Puget95 (0.33)	QuSN06 (0.33)	LiuCGM17 (0.34)	AngelsmarkJ00 (0.34)	TranDRFWOVB16 (0.34)
Dot	Godet21a (95.00)	Lemos21 (95.00)	Dejemeppe16 (83.00)	Siala15a (82.00)	Malapert11 (80.00)
Cosine	LiuCGM17 (0.61)	CarlssonJL17 (0.61)	GarridoAO09 (0.59)	BocewiczBB09 (0.58)	WangB23 (0.58)
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)	BogaerdtW19 (0.38)
Dot	ZarandiASC20 (186.00)	Groleaz21 (160.00)	Lunardi20 (156.00)	Dejemeppe16 (138.00)	Baptiste02 (138.00)
Cosine	ZhangW18 (0.72)	AlfieriGPS23 (0.70)	OujanaAYB22 (0.67)	LiFJZLL22 (0.66)	PenzDN23 (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)	MeskensDL13 (0.37)	GurEA19 (0.38)	GhandehariK22 (0.39)
Dot	ZarandiASC20 (153.00)	Dejemeppe16 (130.00)	Lunardi20 (111.00)	Groleaz21 (107.00)	NaderiBZ22a (102.00)
Cosine	MeskensDL13 (0.68)	GurPAE23 (0.68)	MeskensDHG11 (0.66)	WangMD15 (0.65)	GurEA19 (0.65)
Fatemi-AnarakiTFV23 R&C	NouriMHD23 (0.83)	LaborieRSV18 (0.94)	LiFJZLL22 (0.95)	NaderiRR23 (0.95)	MengLZB21 (0.95)
Euclid	Ham18a (0.35)	MokhtarzadehTNF20 (0.37)	Ham18 (0.37)	BoothTNB16 (0.38)	HamP21 (0.38)
Dot	ZarandiASC20 (177.00)	Groleaz21 (167.00)	Lunardi20 (163.00)	Astrand21 (161.00)	Malapert11 (153.00)
Cosine	Ham18a (0.75)	MokhtarzadehTNF20 (0.72)	Ham18 (0.71)	HamP21 (0.70)	CzerniachowskaWZ23 (0.70)
FeldmanG89 R&C					
Euclid	FrostD98 (0.14)	AbrilSB05 (0.15)	CarchraeBF05 (0.17)	LiuJ06 (0.18)	AngelsmarkJ00 (0.18)
Dot	Lombardi10 (36.00)	Lemos21 (36.00)	SadehF96 (36.00)	SakkoutW00 (35.00)	Caballero19 (35.00)
Cosine	FrostD98 (0.73)	AbrilSB05 (0.69)	ZhangLS12 (0.69)	GelainPRVW17 (0.68)	BandaSC11 (0.65)
FelizariAL09 R&C	MagataoAN05 (0.00)	MouraSCL08a (0.77)	HookerY02 (0.89)	LopesCSM10 (0.92)	MouraSCL08 (0.94)
Euclid					
Dot					

Table 325: 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 (0.29)	GingrasQ16 (0.31)	KameugneFSN14 (0.35)
Dot	Fahimi16 (169.00)	Lombardi10 (168.00)	Schutt11 (168.00)	Baptiste02 (168.00)	KameugneFND23 (160.00)
Cosine	KameugneFND23 (0.90)	KameugneFGOQ18 (0.87)	OuelletQ13 (0.84)	GingrasQ16 (0.81)	KameugneFSN14 (0.77)
FocacciLN00 R&C					
Euclid	ArtiguesBF04 (0.28)	CauwelaertDMS16 (0.29)	ArtiguesF07 (0.29)	VilimBC05 (0.30)	CauwelaertDS20 (0.31)
Dot	Baptiste02 (169.00)	Dejemeppe16 (160.00)	Malapert11 (159.00)	GrimesH15 (157.00)	Fahimi16 (156.00)
Cosine	ArtiguesBF04 (0.83)	ArtiguesF07 (0.82)	CauwelaertDMS16 (0.81)	CauwelaertDS20 (0.80)	VilimBC05 (0.80)
FontaineMH16 R&C	YounespourAKE19 (0.90)	HermenierDL11 (0.94)	RoshanaeiN21 (0.94)	Laborie18a (0.95)	NaderiRBAU21 (0.96)
Euclid	Colombani96 (0.28)	HeipckeCCS00 (0.28)	CarchraeB09 (0.28)	Puget95 (0.29)	WatsonB08 (0.30)
Dot	Groleaz21 (120.00)	Lombardi10 (113.00)	Astrand21 (112.00)	NaderiRR23 (110.00)	Baptiste02 (110.00)
Cosine	CarchraeB09 (0.78)	Colombani96 (0.76)	SialaAH15 (0.76)	HeipckeCCS00 (0.75)	ZhangBB22 (0.74)
ForbesHJST24 R&C	ElciOH22 (0.85)	CambazardJ05 (0.91)	Hooker04 (0.91)	Hooker05a (0.92)	BeniniBGM06 (0.92)
Euclid	ElciOH22 (0.31)	CireCH16 (0.31)	HookerY02 (0.31)	CobanH11 (0.32)	HeinzKB13 (0.32)
Dot	Lombardi10 (132.00)	Froger16 (129.00)	Hooker19 (119.00)	HarjunkoskiMBC14 (118.00)	ZarandiASC20 (116.00)
Cosine	ElciOH22 (0.76)	CobanH11 (0.75)	EmeretlisTAV17 (0.74)	Hooker19 (0.73)	CireCH16 (0.73)
FortinZDF05 R&C	LombardiBM15 (0.89)	LombardiM13 (0.92)	LombardiM12a (0.92)	LiuGT10 (0.92)	Muscettola02 (0.93)
Euclid	LombardiM13 (0.19)	LeeKLKKYHP97 (0.19)	BeniniBGM05a (0.20)	CarchraeBF05 (0.21)	LombardiM09 (0.23)
Dot	LaborieRSV18 (63.00)	SchuttFSW11 (63.00)	LombardiM10a (63.00)	ZarandiASC20 (63.00)	Lombardi10 (63.00)
Cosine	LombardiM09 (0.80)	LombardiBM15 (0.78)	LombardiM13 (0.78)	LeeKLKKYHP97 (0.77)	BeniniBGM05a (0.75)
FoxAS82 R&C					
Euclid	CrawfordB94 (0.20)	LauLN08 (0.20)	HebrardTW05 (0.21)	KengY89 (0.22)	FukunagaHFAMN02 (0.22)
Dot	ZarandiASC20 (72.00)	BidotVLB09 (69.00)	Groleaz21 (68.00)	BartakSR10 (68.00)	Beck99 (68.00)
Cosine	SmithC93 (0.76)	KengY89 (0.76)	CrawfordB94 (0.76)	Prosser89 (0.76)	Colombani96 (0.73)
FoxS90 R&C					
Euclid	SmithC93 (0.31)	Junker00 (0.31)	BeckPS03 (0.31)	SadehF96 (0.32)	Prosser89 (0.32)
Dot	ZarandiASC20 (159.00)	Baptiste02 (159.00)	Dejemeppe16 (152.00)	Malapert11 (148.00)	Groleaz21 (147.00)
Cosine	BeckDDF98 (0.78)	SadehF96 (0.77)	BeckPS03 (0.77)	BeckF98 (0.74)	SmithC93 (0.74)
FrankDT16 R&C	GilesH16 (0.83)	CappartS17 (0.83)	GayHS15 (0.93)	LaborieR14 (0.95)	QinDS16 (0.95)
Euclid	AngelsmarkJ00 (0.23)	KucukY19 (0.24)	Baptiste09 (0.24)	CarchraeBF05 (0.24)	KovacsEKV05 (0.24)
Dot	LaborieRSV18 (68.00)	Groleaz21 (62.00)	Astrand21 (59.00)	Lunardi20 (58.00)	ZarandiASC20 (56.00)
Cosine	KucukY19 (0.72)	PraletLJ15 (0.68)	BoothNB16 (0.66)	NishikawaSTT18a (0.65)	BarzegaranZP20 (0.63)
FrankK03 R&C					
Euclid	FrankK05 (0.22)	CarchraeBF05 (0.25)	FrostD98 (0.25)	LiuJ06 (0.26)	FeldmanG89 (0.26)
Dot	FrankK05 (54.00)	GokPTGO23 (42.00)	PohlAK22 (39.00)	TranDRFWOVB16 (38.00)	Simonis99 (37.00)
Cosine	FrankK05 (0.80)	TranDRFWOVB16 (0.59)	JoLLH99 (0.54)	MintonJPL90 (0.49)	OrnekOS20 (0.47)
FrankK05 R&C	BenoistGR02 (0.94)	LiW08 (0.94)	EreminW01 (0.97)	BruckerK00 (0.99)	BockmayrK98 (0.99)
Euclid	FrankK03 (0.22)	TranDRFWOVB16 (0.28)	AngelsmarkJ00 (0.30)	Johnston05 (0.31)	CatusseCBL16 (0.32)
Dot	ZarandiASC20 (75.00)	Lombardi10 (75.00)	GokPTGO23 (74.00)	LaborieRSV18 (73.00)	Fahimi16 (73.00)
Cosine	FrankK03 (0.80)	TranDRFWOVB16 (0.70)	Johnston05 (0.63)	CatusseCBL16 (0.61)	BarbulescuWH04 (0.59)
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 (0.26)	GhandehariK22 (0.32)	TopaloglouO11 (0.33)	DoulabiRP16 (0.33)	DoulabiRP14 (0.34)
Dot	Dejemeppe16 (118.00)	ZarandiASC20 (107.00)	RoshanaeiLAU17 (104.00)	Froger16 (101.00)	Lombardi10 (100.00)
Cosine	FrimodigS19 (0.82)	GhandehariK22 (0.72)	TopaloglouO11 (0.70)	DoulabiRP16 (0.69)	RoshanaeiLAU17 (0.68)
FrimodigS19 R&C	BhatnagarKL19 (0.75)	GeibingerMM19 (0.78)	LetortBC12 (0.92)	SchausHMCMD11 (0.94)	GarganiR07 (0.94)
Euclid	FrimodigECM23 (0.26)	BourdaisGP03 (0.31)	LauLN08 (0.32)	HoYCLLCLC18 (0.32)	MurphyMB15 (0.32)
Dot	Dejemeppe16 (97.00)	FrimodigECM23 (93.00)	Lombardi10 (86.00)	LaborieRSV18 (83.00)	SenderovichBB19 (83.00)
Cosine	FrimodigECM23 (0.82)	SenderovichBB19 (0.67)	NaderiBZR23 (0.62)	RoshanaeiBAUB20 (0.62)	ShinBBHO18 (0.61)
Froger16 R&C					
Euclid	LuZZYW24 (0.55)	ForbesHJST24 (0.60)	EmeretlisTAV17 (0.60)	Wallace06 (0.61)	CilKLO22 (0.61)
Dot	ZarandiASC20 (233.00)	Groleaz21 (216.00)	Astrand21 (209.00)	Lombardi10 (207.00)	Lemos21 (202.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LuZZYW24 (0.67)	Hooker19 (0.59)	CilKLO22 (0.58)	Lemos21 (0.58)	Wallace06 (0.58)
FrohnerTR19 R&C	MusliuSS18 (0.90)	HoYCLLCLC18 (0.90)	BofillEGPSV14 (0.94)	ThiruvadyBME09 (0.94)	ColT19 (0.94)
Euclid	BofillCGGPSV23 (0.29)	ZibranR11 (0.29)	GeibingerKKMMW21 (0.31)	ZhangLS12 (0.31)	BarzegaranZP20 (0.31)
Dot	ZarandiASC20 (73.00)	Dejemeppe16 (70.00)	Lemos21 (69.00)	KoehlerBFFHPSSS21 (68.00)	WallaceY20 (66.00)
Cosine	GeibingerKKMMW21 (0.60)	BofillCGGPSV23 (0.59)	BarzegaranZP20 (0.57)	RendlPHPR12 (0.57)	ZibranR11 (0.57)
FrostD98 R&C	KhemmoudjPB06 (0.94)				
Euclid	Baptiste09 (0.13)	AbrilSB05 (0.13)	CarchraeBF05 (0.13)	FeldmanG89 (0.14)	AngelsmarkJ00 (0.15)
Dot	Froger16 (26.00)	Malapert11 (25.00)	Godet21a (23.00)	ZarandiASC20 (23.00)	BajestaniB13 (23.00)
Cosine	FeldmanG89 (0.73)	ZhangLS12 (0.65)	CarchraeBF05 (0.60)	GelainPRVW17 (0.58)	ZibranR11 (0.58)
FukunagaHFAMN02 R&C					
Euclid	LudwigKRBMS14 (0.18)	AngelsmarkJ00 (0.18)	LiuJ06 (0.18)	Schreuder92 (0.18)	WallaceF00 (0.19)
Dot	ZarandiASC20 (54.00)	Beck99 (54.00)	Lombardi10 (51.00)	Astrand21 (51.00)	BeckDDF98 (51.00)
Cosine	LudwigKRBMS14 (0.75)	LouieVNB14 (0.73)	CrawfordB94 (0.70)	WallaceF00 (0.69)	BridiLBBM16 (0.69)
GalleguillosKSB19 R&C	BorghesiBLMB18 (0.94)	HurleyOS16 (0.95)	MurinR19 (0.96)	BridiBLMB16 (0.96)	ParkUJR19 (0.97)
Euclid	BartoliniBBLM14 (0.23)	Limtanyakul07 (0.26)	HookerY02 (0.28)	HurleyOS16 (0.28)	PerezGSL23 (0.29)
Dot	ZarandiASC20 (93.00)	Groleaz21 (91.00)	Lombardi10 (86.00)	Godet21a (85.00)	Baptiste02 (85.00)
Cosine	BartoliniBBLM14 (0.78)	BorghesiBLMB18 (0.73)	Limtanyakul07 (0.71)	BridiBLMB16 (0.70)	CarchraeB09 (0.68)
GarganiR07 R&C	HentenryckM08 (0.52)	HeinzSSW12 (0.60)	SchausHMCMD11 (0.67)	DannaP03 (0.88)	LetortBC12 (0.88)
Euclid	HentenryckM08 (0.21)	HeinzSSW12 (0.22)	SchausHMCMD11 (0.28)	SmithBHW96 (0.30)	GelainPRVW17 (0.30)
Dot	SchausHMCMD11 (66.00)	German18 (65.00)	GaySS14 (60.00)	Malapert11 (60.00)	Siala15a (60.00)
Cosine	HentenryckM08 (0.78)	HeinzSSW12 (0.76)	SchausHMCMD11 (0.72)	LiuLH19a (0.61)	GaySS14 (0.58)
GarridoAO09 R&C	GarridoOS08 (0.74)	ZhangLS12 (0.83)	QuirogaZH05 (0.86)	Geske05 (0.86)	BaptisteLPN06 (0.87)
Euclid	GarridoOS08 (0.22)	KovacsV04 (0.26)	ValleMGT03 (0.29)	LiuLH19 (0.29)	GayHLS15 (0.29)
Dot	Godet21a (115.00)	Fahimi16 (113.00)	Groleaz21 (109.00)	Dejemeppe16 (109.00)	Baptiste02 (109.00)
Cosine	GarridoOS08 (0.85)	KovacsV04 (0.80)	JussienL02 (0.74)	ValleMGT03 (0.73)	TrojetHL11 (0.72)
GarridoOS08 R&C	GarridoAO09 (0.74)	ZhangLS12 (0.96)	QuirogaZH05 (0.96)	Geske05 (0.96)	KovacsV04 (0.96)
Euclid	GarridoAO09 (0.22)	LiuLH19 (0.26)	WallaceF00 (0.26)	BehrensLM19 (0.27)	BartakS11 (0.28)
Dot	Godet21a (96.00)	Fahimi16 (95.00)	Lombardi10 (90.00)	Malapert11 (90.00)	Beck99 (90.00)
Cosine	GarridoAO09 (0.85)	Bartak02 (0.72)	GetoorOFC97 (0.72)	LiuLH19 (0.72)	ZeballosM09 (0.72)
GayHLS15 R&C	VilimLS15 (0.77)	GayHS15 (0.78)	CauwelaertLS15 (0.81)	HoundjiSWD14 (0.84)	DejemeppeCS15 (0.84)
Euclid	LombardiM13 (0.25)	ChuGNSW13 (0.26)	FortinZDF05 (0.26)	LombardiM10 (0.27)	ZhangLS12 (0.28)
Dot	Godet21a (95.00)	Siala15a (95.00)	Groleaz21 (94.00)	Schutt11 (94.00)	Caballero19 (93.00)
Cosine	LombardiM10 (0.76)	TrojetHL11 (0.75)	CestaOF99 (0.73)	ChuGNSW13 (0.72)	KovacsV04 (0.72)
GayHS15 R&C	GayHS15a (0.56)	OuelletQ13 (0.60)	LetortBC12 (0.61)	OuelletQ18 (0.72)	Tesch16 (0.73)
Euclid	BeldiceanuP07 (0.23)	PoderB08 (0.27)	WolfS05 (0.28)	SimonisH11 (0.29)	SimoninAHL15 (0.30)
Dot	Malapert11 (97.00)	Fahimi16 (97.00)	Godet21a (91.00)	Groleaz21 (88.00)	Dejemeppe16 (86.00)
Cosine	BeldiceanuP07 (0.79)	PoderB08 (0.71)	WolfS05 (0.70)	SimoninAHL15 (0.68)	SimonisH11 (0.67)
GayHS15a R&C	GayHS15 (0.56)	OuelletQ13 (0.61)	KameugneFGOQ18 (0.67)	Tesch16 (0.73)	LetortBC12 (0.75)
Euclid	OuelletQ18 (0.24)	Vilim11 (0.26)	OuelletQ13 (0.30)	SchuttW10 (0.31)	OuelletQ22 (0.31)
Dot	Schutt11 (138.00)	Fahimi16 (135.00)	Kameugne14 (126.00)	FahimiOQ18 (124.00)	Malapert11 (121.00)
Cosine	OuelletQ18 (0.85)	Vilim11 (0.83)	TardivoDFMP23 (0.78)	OuelletQ13 (0.77)	OuelletQ22 (0.76)
GaySS14 R&C	DejemeppeCS15 (0.79)	SchausHMCMD11 (0.83)	HoundjiSWD14 (0.83)	Vilim09a (0.83)	CauwelaertLS15 (0.84)
Euclid	CauwelaertDMS16 (0.30)	DavenportKRSH07 (0.32)	PacinoH11 (0.33)	PerezGSL23 (0.33)	VilimBC04 (0.33)
Dot	Dejemeppe16 (140.00)	Astrand21 (135.00)	Lombardi10 (131.00)	Groleaz21 (131.00)	Malapert11 (129.00)
Cosine	CauwelaertDMS16 (0.75)	Pralet17 (0.72)	DavenportKRSH07 (0.72)	CauwelaertDS20 (0.72)	ChenGPSH10 (0.71)
GedikKBR17 R&C	GedikKEK18 (0.85)	CappartS17 (0.91)	MengLZB21 (0.93)	GongLMW09 (0.93)	CastroGR10 (0.94)
Euclid	PerezGSL23 (0.30)	abs-2312-13682 (0.30)	BockmayrP06 (0.30)	AkramNHRSA23 (0.31)	MelgarejoLS15 (0.31)
Dot	Groleaz21 (119.00)	LaborieRSV18 (110.00)	IsikYA23 (108.00)	Dejemeppe16 (107.00)	Froger16 (107.00)
Cosine	GedikKEK18 (0.74)	MelgarejoLS15 (0.70)	NishikawaSTT19 (0.68)	PerezGSL23 (0.68)	abs-2312-13682 (0.68)
GedikKEK18 R&C	GedikKBR17 (0.85)	MengZRZL20 (0.87)	GomesM17 (0.91)	KelbelH11 (0.91)	QinDCS20 (0.91)
Euclid	TranAB16 (0.32)	ArbaouiY18 (0.32)	TranB12 (0.32)	abs-2305-19888 (0.34)	GedikKBR17 (0.35)
Dot	Groleaz21 (192.00)	ZarandiASC20 (173.00)	IsikYA23 (168.00)	Lunardi20 (166.00)	NaderiRR23 (165.00)
Cosine	TranAB16 (0.81)	TranB12 (0.80)	ArbaouiY18 (0.79)	abs-2305-19888 (0.76)	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 (0.30)	BofillGSV15 (0.30)	ZibranR11 (0.30)	FrohnerTR19 (0.31)
Dot	RoshanaeiLAU17 (54.00)	Dejemeppe16 (53.00)	KoehlerBFFHPSSS21 (52.00)	GuoZ23 (52.00)	Lemos21 (50.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	FrohnerTR19 (0.60)	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 (0.24)	CampeauG22 (0.32)	GeibingerMM21 (0.35)	HeipckeCCS00 (0.35)	BhatnagarKL19 (0.35)
Dot	abs-1911-04766 (167.00)	Groleaz21 (150.00)	LaborieRSV18 (147.00)	Dejemeppe16 (145.00)	Lombardi10 (142.00)
Cosine	abs-1911-04766 (0.90)	CampeauG22 (0.76)	GeibingerMM21 (0.73)	HeipckeCCS00 (0.71)	BhatnagarKL19 (0.70)
GeibingerMM21 R&C					
Euclid	HeipckeCCS00 (0.31)	abs-1911-04766 (0.32)	Laborie18a (0.34)	GeibingerMM19 (0.35)	DemirovicS18 (0.36)
Dot	abs-1911-04766 (138.00)	Lombardi10 (135.00)	Dejemeppe16 (135.00)	ZarandiASC20 (131.00)	Groleaz21 (131.00)
Cosine	abs-1911-04766 (0.81)	HeipckeCCS00 (0.74)	GeibingerMM19 (0.73)	PovedaAA23 (0.72)	MonetteDH09 (0.69)
GeitzGSSW22 R&C	FahimiOQ18 (0.86)	WolfS05 (0.87)	DejemeppeCS15 (0.89)	Wolf09 (0.89)	WolfS05a (0.90)
Euclid	KovacsV06 (0.32)	CauwelaertDMS16 (0.33)	NuijtenP98 (0.33)	TorresL00 (0.34)	PengLC14 (0.34)
Dot	ZarandiASC20 (167.00)	Baptiste02 (158.00)	Groleaz21 (156.00)	Dejemeppe16 (155.00)	Malapert11 (149.00)
Cosine	NuijtenP98 (0.77)	KovacsV06 (0.75)	TorresL00 (0.75)	PengLC14 (0.74)	CauwelaertDMS16 (0.74)
GelainPRVW17 R&C	LimBTBB15 (0.80)	BartakSR10 (0.98)			
Euclid	LiuLH19 (0.20)	FeldmanG89 (0.21)	ZhangLS12 (0.21)	DilkinaH04 (0.21)	BandaSC11 (0.22)
Dot	Lemos21 (61.00)	Siala15a (58.00)	BartakSR10 (58.00)	Baptiste02 (58.00)	Godet21a (57.00)
Cosine	LiuLH19 (0.80)	ZhangLS12 (0.73)	BartakS11 (0.71)	ZhuS02 (0.69)	DilkinaH04 (0.68)
German18 R&C					
Euclid	MalapertCGJLR13 (0.37)	TanSD10 (0.38)	LiuLH19 (0.38)	Bartak02a (0.38)	SialaAH15 (0.38)
Dot	Malapert11 (156.00)	Godet21a (154.00)	Siala15a (153.00)	Groleaz21 (153.00)	Baptiste02 (152.00)
Cosine	SakkoutW00 (0.70)	BartakSR08 (0.69)	TanSD10 (0.69)	SialaAH15 (0.68)	VilimLS15 (0.68)
Geske05 R&C	ZhangLS12 (0.67)	AggounV04 (0.75)	QuirogaZH05 (0.75)	SimonisCK00 (0.75)	KovacsV04 (0.80)
Euclid	BridiLBBM16 (0.32)	MorgadoM97 (0.33)	Madi-WambaLOBM17 (0.33)	CappartS17 (0.33)	Pape94 (0.33)
Dot	Baptiste02 (116.00)	ZarandiASC20 (115.00)	Beck99 (112.00)	Malapert11 (109.00)	BartakSR10 (108.00)
Cosine	CappartS17 (0.70)	Madi-WambaLOBM17 (0.70)	Pape94 (0.69)	WuBB09 (0.69)	LammaMM97 (0.68)
GetoorOFC97 R&C					
Euclid	KengY89 (0.27)	DoRZ08 (0.27)	CrawfordB94 (0.28)	KovacsV04 (0.28)	ValleMGT03 (0.28)
Dot	Godet21a (103.00)	Groleaz21 (103.00)	Dejemeppe16 (103.00)	Beck99 (102.00)	Baptiste02 (102.00)
Cosine	KovacsV04 (0.76)	BeckPS03 (0.75)	Bartak02a (0.73)	HeckmanB11 (0.73)	TorresL00 (0.73)
GhandehariK22 R&C	RoshanaeiBAUB20 (0.85)	FarsiTM22 (0.86)	YounespourAKE19 (0.86)	ZhaoL14 (0.87)	MengLZB21 (0.88)
Euclid	DoulabiRP16 (0.28)	GurEA19 (0.29)	DoulabiRP14 (0.29)	GurPAE23 (0.31)	ZhaoL14 (0.31)
Dot	ZarandiASC20 (126.00)	Dejemeppe16 (113.00)	Groleaz21 (112.00)	RoshanaeiBAUB20 (104.00)	Lunardi20 (101.00)
Cosine	DoulabiRP16 (0.78)	ZhaoL14 (0.77)	GurEA19 (0.76)	DoulabiRP14 (0.74)	RoshanaeiBAUB20 (0.74)
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 (0.24)	QuSN06 (0.25)	WolfS05 (0.25)	ZibranR11 (0.26)
Dot	Astrand21 (81.00)	LaborieRSV18 (79.00)	Beck99 (79.00)	GoelSHFS15 (78.00)	HarjunkoskiMBC14 (78.00)
Cosine	GoelSHFS15 (0.77)	BeniniBGM05a (0.76)	TranVNB17a (0.74)	BoothNB16 (0.72)	WolfS05 (0.72)
GingrasQ16 R&C					
Euclid	OuelletQ13 (0.22)	KameugneFND23 (0.27)	KameugneFSN14 (0.28)	WolfS05 (0.29)	ChuGNSW13 (0.29)
Dot	Schutt11 (118.00)	FetgoD22 (117.00)	KameugneFND23 (115.00)	Lombardi10 (114.00)	Fahimi16 (114.00)
Cosine	OuelletQ13 (0.86)	KameugneFND23 (0.84)	KameugneFSN14 (0.82)	FetgoD22 (0.81)	KameugneFSN11 (0.75)
GlobusCLP04 R&C					
Euclid	BarbulescuWH04 (0.26)	Maillard15 (0.31)	LudwigKRBMS14 (0.32)	Schreuder92 (0.32)	AngelsmarkJ00 (0.33)
Dot	ZarandiASC20 (98.00)	Lunardi20 (95.00)	Astrand21 (91.00)	Froger16 (86.00)	Dejemeppe16 (78.00)
Cosine	BarbulescuWH04 (0.74)	Maillard15 (0.61)	VerfaillieL01 (0.60)	TranDRFWOVB16 (0.59)	CilKLO22 (0.58)
GodardLN05 R&C					
Euclid	HentenryckM04 (0.26)	VilimBC04 (0.27)	PacinoH11 (0.28)	CarchraeB09 (0.28)	CestaOS00 (0.28)
Dot	Baptiste02 (141.00)	Dejemeppe16 (135.00)	LaborieRSV18 (133.00)	Lombardi10 (131.00)	Godet21a (127.00)
Cosine	HentenryckM04 (0.81)	CarchraeB09 (0.80)	Beck07 (0.80)	VilimBC04 (0.79)	Pralet17 (0.79)
Godet21a R&C					
Euclid	GodetLHS20 (0.55)	BoudreaultSLQ22 (0.58)	Elkhyari03 (0.58)	Caballero19 (0.58)	BaptisteP97 (0.59)
Dot	Baptiste02 (276.00)	Dejemeppe16 (274.00)	Groleaz21 (272.00)	Malapert11 (271.00)	ZarandiASC20 (259.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GodetLHS20 (0.71)	Caballero19 (0.68)	BoudreaultSLQ22 (0.67)	Elkhyari03 (0.67)	Fahimi16 (0.67)
GodetLHS20 R&C	HookerH17 (0.92)				
Euclid	HebrardHJMPV16 (0.37)	HeipckeCCS00 (0.39)	LahimerLH11 (0.39)	SialaAH15 (0.39)	TanSD10 (0.39)
Dot	Godet21a (191.00)	Baptiste02 (151.00)	Malapert11 (145.00)	Groleaz21 (145.00)	NaderiRR23 (139.00)
Cosine	Godet21a (0.71)	HebrardHJMPV16 (0.69)	SialaAH15 (0.68)	GedikKEK18 (0.68)	GrimesH10 (0.67)
GoelSHFS15 R&C	GilesH16 (0.90)	UnsalO13 (0.96)	BoothNB16 (0.96)	KreterSSZ18 (0.96)	OzturkTHO12 (0.96)
Euclid	GilesH16 (0.28)	BoothNB16 (0.32)	SimoninAHL15 (0.34)	TranVNB17 (0.34)	ThomasKS20 (0.34)
Dot	LaborieRSV18 (135.00)	Groleaz21 (113.00)	Astrand21 (111.00)	Malapert11 (108.00)	Lunardi20 (107.00)
Cosine	GilesH16 (0.77)	BoothNB16 (0.70)	CappartTSR18 (0.70)	TranVNB17 (0.69)	ThomasKS20 (0.67)
GokGSTO20 R&C	MusliuSS18 (0.86)	AmadiniGM16 (0.93)	ElkhyariGJ02 (0.95)	FrohnerTR19 (0.95)	HebrardHJMPV16 (0.95)
Euclid	KusterJF07 (0.36)	LombardiM13 (0.37)	TranDRFWOVB16 (0.37)	GokPTGO23 (0.38)	AmadiniGM16 (0.38)
Dot	Groleaz21 (127.00)	ZarandiASC20 (122.00)	Lombardi10 (121.00)	LaborieRSV18 (118.00)	LombardiM12 (118.00)
Cosine	GokPTGO23 (0.72)	KusterJF07 (0.65)	TranDRFWOVB16 (0.62)	WangB23 (0.62)	LombardiM10 (0.61)
GokPTGO23 R&C					
Euclid	GokGSTO20 (0.38)	BeckPS03 (0.38)	LombardiM09 (0.39)	BhatnagarKL19 (0.39)	TranDRFWOVB16 (0.39)
Dot	ZarandiASC20 (199.00)	Lombardi10 (179.00)	Astrand21 (174.00)	Dejemeppe16 (171.00)	Groleaz21 (170.00)
Cosine	LombardiM12 (0.73)	GokGSTO20 (0.72)	BeckPS03 (0.71)	BhatnagarKL19 (0.68)	LombardiM09 (0.68)
GokgurHO18 R&C	MercierH07 (0.86)	DorndorfHP99 (0.92)	Vilim05 (0.92)	YunusogluY22 (0.93)	ArbaouiY18 (0.93)
Euclid	BartakSR08 (0.31)	OrnekO16 (0.35)	BaptisteP97 (0.36)	BeckF00 (0.36)	BeckF00a (0.36)
Dot	Baptiste02 (232.00)	Dejemeppe16 (209.00)	Malapert11 (207.00)	Lombardi10 (204.00)	Fahimi16 (202.00)
Cosine	BartakSR08 (0.83)	BartakSR10 (0.81)	OrnekO16 (0.78)	BeckF00 (0.78)	PapaB98 (0.78)
GoldwaserS17 R&C	KletzanderM17 (0.74)	SchnellH17 (0.93)	CambazardJ05 (0.94)	Hooker04 (0.95)	CobanH10 (0.95)
Euclid	GoldwaserS18 (0.23)	KletzanderM17 (0.28)	BockmayrP06 (0.29)	HoundjiSWD14 (0.30)	ChuX05 (0.30)
Dot	GoldwaserS18 (97.00)	Froger16 (84.00)	MilanoW09 (83.00)	Lombardi10 (81.00)	MilanoW06 (80.00)
Cosine	GoldwaserS18 (0.87)	BajestaniB11 (0.67)	BockmayrP06 (0.67)	ChuX05 (0.67)	KletzanderM17 (0.65)
GoldwaserS18 R&C	HamdiL13 (0.90)	CireCH13 (0.91)	TerekhovDOB12 (0.94)	CobanH10 (0.94)	Sadykov04 (0.95)
Euclid	GoldwaserS17 (0.23)	BockmayrP06 (0.34)	LozanoCDS12 (0.35)	EreminW01 (0.36)	BeldiceanuP07 (0.36)
Dot	Froger16 (116.00)	Lombardi10 (114.00)	Godet21a (114.00)	MilanoW09 (112.00)	MilanoW06 (108.00)
Cosine	GoldwaserS17 (0.87)	BockmayrP06 (0.68)	ForbesHJST24 (0.68)	EreminW01 (0.67)	LozanoCDS12 (0.65)
Goltz95 R&C	Colombani96 (0.75)	Simonis95a (0.79)	Wolf03 (0.80)	Simonis99 (0.84)	Zhou96 (0.86)
Euclid	Simonis95 (0.29)	FoxAS82 (0.29)	SimonisC95 (0.30)	TrentesauxPT01 (0.30)	KengY89 (0.30)
Dot	TrentesauxPT01 (102.00)	Baptiste02 (101.00)	BosiM2001 (101.00)	Malapert11 (98.00)	AggounB93 (97.00)
Cosine	TrentesauxPT01 (0.79)	AggounB93 (0.76)	SimonisC95 (0.74)	BosiM2001 (0.72)	Simonis95a (0.70)
GombolayWS18 R&C	HamP21 (0.94)	Hooker07 (0.95)	LiW08 (0.95)	CireCH16 (0.95)	Hooker04 (0.95)
Euclid	NaderiBZ22a (0.40)	ZhangYW21 (0.40)	BeckF98 (0.42)	HeinzNVH22 (0.43)	KhayatLR06 (0.43)
Dot	ZarandiASC20 (206.00)	Groleaz21 (192.00)	Astrand21 (182.00)	Lombardi10 (176.00)	Dejemeppe16 (174.00)
Cosine	NaderiBZ22a (0.74)	ZhangYW21 (0.72)	BeckF98 (0.71)	JainM99 (0.69)	HeinzNVH22 (0.68)
GomesHS06 R&C					
Euclid	QuSN06 (0.20)	SunLYL10 (0.20)	Hunsberger08 (0.20)	AngelsmarkJ00 (0.21)	BeniniBGM05a (0.21)
Dot	BartakSR10 (53.00)	ZarandiASC20 (50.00)	LombardiMRB10 (50.00)	Beck99 (50.00)	Lombardi10 (47.00)
Cosine	QuSN06 (0.74)	HoeveGSL07 (0.72)	SunLYL10 (0.72)	AkramNHRSA23 (0.70)	PesantGPR99 (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 (0.33)	BogaerdtW19 (0.33)	ParkUJR19 (0.37)	CobanH10 (0.37)
Dot	ZarandiASC20 (149.00)	Groleaz21 (139.00)	Lunardi20 (135.00)	TranAB16 (132.00)	NaderiRR23 (128.00)
Cosine	TranB12 (0.82)	TranAB16 (0.79)	BogaerdtW19 (0.71)	GedikKEK18 (0.69)	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 (0.31)	ArtiguesBF04 (0.31)	SialaAH15 (0.32)	FocacciLN00 (0.32)	ArtiguesF07 (0.32)
Dot	Malapert11 (182.00)	GrimesH15 (178.00)	Groleaz21 (174.00)	Baptiste02 (171.00)	ZarandiASC20 (166.00)
Cosine	GrimesH15 (0.82)	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 (0.34)	MonetteDH09 (0.35)	BeckR03 (0.35)	CarchraeB09 (0.36)	SialaAH15 (0.36)
Dot	Groleaz21 (202.00)	GrimesH15 (195.00)	Baptiste02 (192.00)	Dejemeppe16 (191.00)	Malapert11 (190.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GrimesH15 (0.82)	GrimesH10 (0.79)	KelbelH11 (0.78)	MonetteDH09 (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 (0.37)	GrimesH10 (0.37)	MalapertCGJLR12 (0.41)	GrimesHM09 (0.42)	BartakSR08 (0.43)
Dot	Groleaz21 (268.00)	Dejemeppe16 (257.00)	ZarandiASC20 (248.00)	Malapert11 (245.00)	Baptiste02 (244.00)
Cosine	GrimesH11 (0.82)	GrimesH10 (0.82)	MalapertCGJLR12 (0.78)	NaderiRR23 (0.76)	GrimesHM09 (0.76)
GrimesHM09 R&C	WatsonB08 (0.62)	GrimesH10 (0.70)	GrimesH15 (0.70)	BeckFW11 (0.74)	MalapertCGJLR12 (0.78)
Euclid	MalapertCGJLR13 (0.28)	SialaAH15 (0.31)	Bit-Monnot23 (0.31)	MonetteDD07 (0.32)	KovacsV04 (0.33)
Dot	Malapert11 (163.00)	GrimesH15 (155.00)	Siala15a (148.00)	Fahimi16 (147.00)	Baptiste02 (142.00)
Cosine	Bit-Monnot23 (0.80)	MalapertCGJLR12 (0.80)	MalapertCGJLR13 (0.80)	SialaAH15 (0.78)	GrimesH15 (0.76)
GrimesIOS14 R&C	IfrimOS12 (0.81)				
Euclid	IfrimOS12 (0.26)	HurleyOS16 (0.30)	BockmayrP06 (0.32)	KinsellaS0OS16 (0.33)	HoYCLLCLC18 (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)	TranPZLDB18 (0.65)	BockmayrP06 (0.65)	Pape94 (0.64)
Groleaz21 R&C					
Euclid	GrimesH15 (0.61)	NaderiRR23 (0.62)	AwadMDMT22 (0.63)	Astrand21 (0.64)	PrataAN23 (0.64)
Dot	ZarandiASC20 (371.00)	Dejemeppe16 (333.00)	Baptiste02 (327.00)	Astrand21 (301.00)	Lombardi10 (298.00)
Cosine	GrimesH15 (0.71)	NaderiRR23 (0.71)	Astrand21 (0.70)	Baptiste02 (0.69)	AwadMDMT22 (0.68)
GroleazNS20 R&C	GroleazNS20a (0.79)	FetgoD22 (0.91)	GayHS15 (0.91)	LetortBC12 (0.92)	GayHS15a (0.92)
Euclid	GroleazNS20a (0.30)	HeipckeCCS00 (0.36)	Balduccini11 (0.36)	SmithC93 (0.37)	PengLC14 (0.37)
Dot	Groleaz21 (190.00)	Dejemeppe16 (164.00)	Lombardi10 (145.00)	ZarandiASC20 (141.00)	Baptiste02 (140.00)
Cosine	GroleazNS20a (0.81)	PengLC14 (0.70)	DejemeppeCS15 (0.69)	HeipckeCCS00 (0.68)	GaySS14 (0.68)
GroleazNS20a R&C	GroleazNS20 (0.79)	BaptisteB18 (0.81)	ColT19 (0.90)	OuelletQ13 (0.91)	PoderBS04 (0.94)
Euclid	GroleazNS20 (0.30)	Limtanyakul07 (0.38)	GedikKBR17 (0.38)	HeipckeCCS00 (0.38)	Laborie09 (0.38)
Dot	Groleaz21 (175.00)	Dejemeppe16 (150.00)	ZarandiASC20 (146.00)	Lunardi20 (138.00)	NaderiRR23 (131.00)
Cosine	GroleazNS20 (0.81)	Laborie09 (0.66)	GedikKEK18 (0.65)	AwadMDMT22 (0.64)	MeyerE04 (0.64)
Gronkvist06 R&C	MilanoW06 (0.90)	BosiM2001 (0.93)	EastonNT02 (0.93)	Milano11 (0.93)	Hooker06a (0.94)
Euclid	ZibranR11a (0.31)	ZhangLS12 (0.32)	ZibranR11 (0.32)	WallaceF00 (0.32)	Puget95 (0.32)
Dot	ZarandiASC20 (95.00)	Lombardi10 (93.00)	Fahimi16 (93.00)	MilanoW09 (92.00)	MilanoW06 (92.00)
Cosine	ZibranR11a (0.66)	FallahiAC20 (0.63)	PohlAK22 (0.63)	ChunCTY99 (0.63)	TangLWSK18 (0.62)
GruianK98 R&C	KuchcinskiW03 (0.96)	LombardiMRB10 (0.98)			
Euclid	Simonis95 (0.25)	Simonis95a (0.27)	KuchcinskiW03 (0.29)	WallaceF00 (0.30)	ErtlK91 (0.31)
Dot	Simonis99 (93.00)	Kuchcinski03 (89.00)	Simonis07 (88.00)	Malapert11 (88.00)	Wallace96 (85.00)
Cosine	Simonis95a (0.76)	Simonis95 (0.76)	BeldiceanuC94 (0.69)	Simonis99 (0.69)	KuchcinskiW03 (0.68)
GuSS13 R&C	GuSSWC14 (0.51)	GuSW12 (0.60)	SchuttCSW12 (0.66)	ThiruvadyWGS14 (0.74)	SchuttFSW15 (0.83)
Euclid	GuSW12 (0.23)	SchuttCSW12 (0.27)	ThiruvadyWGS14 (0.30)	LombardiM13 (0.30)	BofillCSV17a (0.30)
Dot	Lombardi10 (99.00)	Schutt11 (98.00)	ZarandiASC20 (96.00)	Caballero19 (92.00)	Astrand21 (88.00)
Cosine	GuSW12 (0.80)	SchuttCSW12 (0.77)	ThiruvadyWGS14 (0.73)	SchnellH15 (0.67)	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 (0.23)	BofillCSV17 (0.24)	LombardiM13 (0.25)	SchuttCSW12 (0.26)	LeeKLKKYHP97 (0.27)
Dot	ZarandiASC20 (86.00)	Lombardi10 (84.00)	Schutt11 (83.00)	Godet21a (83.00)	Dejemeppe16 (82.00)
Cosine	GuSS13 (0.80)	SchuttCSW12 (0.78)	BofillCSV17 (0.77)	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)	CireCH13 (0.43)	TanZWGQ19 (0.44)	RoshanaeiLAU17 (0.44)	ForbesHJST24 (0.44)
Dot	ZarandiASC20 (134.00)	HarjunkoskiMBC14 (129.00)	Lunardi20 (123.00)	Lombardi10 (123.00)	Groleaz21 (123.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	ElciOH22 (0.65)	RoshanaeiLAU17 (0.64)	NaderiBZR23 (0.63)	Hooker19 (0.63)	QinDS16 (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 (0.28)	MeskensDHG11 (0.28)	GhandehariK22 (0.29)	MeskensDL13 (0.29)
Dot	ZarandiASC20 (100.00)	WangMD15 (95.00)	RoshanaeiLAU17 (93.00)	GurPAE23 (92.00)	RoshanaeiBAUB20 (92.00)
Cosine	GurPAE23 (0.82)	MeskensDL13 (0.76)	GhandehariK22 (0.76)	DoulabiRP16 (0.76)	MeskensDHG11 (0.75)
GurPAE23 R&C	GurEA19 (0.85)	FarsiTM22 (0.92)	GhasemiMH23 (0.92)	PinarbasiA20 (0.94)	Alaka21 (0.95)
Euclid	GurEA19 (0.24)	MeskensDL13 (0.27)	MeskensDHG11 (0.28)	DoulabiRP16 (0.29)	GhandehariK22 (0.31)
Dot	ZarandiASC20 (110.00)	WangMD15 (99.00)	MeskensDL13 (99.00)	RoshanaeiLAU17 (97.00)	RoshanaeiBAUB20 (92.00)
Cosine	GurEA19 (0.82)	MeskensDL13 (0.80)	MeskensDHG11 (0.76)	WangMD15 (0.75)	DoulabiRP16 (0.75)
GuyonLPR12 R&C	MilanoW09 (0.84)	BajestaniB15 (0.88)	CobanH10 (0.89)	CireCH13 (0.89)	CireCH16 (0.89)
Euclid	KhayatLR06 (0.31)	HeipckeCCS00 (0.33)	BillautHL12 (0.33)	TanT18 (0.34)	CauwelaertDMS16 (0.34)
Dot	Godet21a (155.00)	Baptiste02 (152.00)	Groleaz21 (151.00)	ZarandiASC20 (148.00)	Malapert11 (147.00)
Cosine	KhayatLR06 (0.76)	JuvinHL22 (0.76)	TanT18 (0.74)	HeipckeCCS00 (0.74)	BillautHL12 (0.73)
HachemiGR11 R&C	Limtanyakul07 (0.91)	EdisO11a (0.93)	Beck10 (0.93)	ChuX05 (0.94)	Wallace06 (0.94)
Euclid	ZeballosM09 (0.29)	ZibranR11a (0.31)	LozanoCDS12 (0.32)	Puget95 (0.32)	CorreaLR07 (0.32)
Dot	Dejemeppe16 (113.00)	Malapert11 (110.00)	ZarandiASC20 (107.00)	MilanoW09 (107.00)	LaborieRSV18 (106.00)
Cosine	ZeballosM09 (0.77)	QinDS16 (0.73)	NovasH12 (0.72)	ZeballosH05 (0.71)	NovasH14 (0.70)
Ham18 R&C	Ham18a (0.87)	Ham20 (0.93)	Ham20a (0.93)	OujanaAYB22 (0.94)	SadykovW06 (0.95)
Euclid	Ham20a (0.26)	Ham18a (0.28)	MakMS10 (0.31)	HamP21 (0.32)	LahimerLH11 (0.32)
Dot	Groleaz21 (140.00)	ZarandiASC20 (138.00)	Lunardi20 (134.00)	Malapert11 (129.00)	Astrand21 (128.00)
Cosine	Ham20a (0.82)	Ham18a (0.80)	HamP21 (0.74)	ZeballosH05 (0.72)	MakMS10 (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 (0.29)	ArbaouiY18 (0.30)	HamFC17 (0.30)	Ham20a (0.31)
Dot	Groleaz21 (154.00)	ZarandiASC20 (148.00)	Lunardi20 (146.00)	Astrand21 (140.00)	Malapert11 (137.00)
Cosine	Ham18 (0.80)	NattafDYW19 (0.80)	HamFC17 (0.77)	ArbaouiY18 (0.77)	Ham20a (0.76)
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 (0.26)	HamP21 (0.27)	BukchinR18 (0.29)	Ham18a (0.31)	HeipckeCCS00 (0.31)
Dot	Astrand21 (131.00)	LaborieRSV18 (130.00)	Groleaz21 (130.00)	Lunardi20 (129.00)	ZarandiASC20 (128.00)
Cosine	Ham18 (0.82)	HamP21 (0.81)	Ham18a (0.76)	HamFC17 (0.74)	BukchinR18 (0.74)
HamC16 R&C	LunardiBLRV20 (0.88)	HamFC17 (0.91)	ZhangW18 (0.92)	LaborieRSV18 (0.92)	MengZRZL20 (0.93)
Euclid	ArtiguesF07 (0.31)	Ham18a (0.32)	BillautHL12 (0.32)	ArtiguesBF04 (0.32)	Teppan22 (0.33)
Dot	ZarandiASC20 (146.00)	Lunardi20 (136.00)	MengZRZL20 (133.00)	Groleaz21 (130.00)	Malapert11 (126.00)
Cosine	ArtiguesF07 (0.77)	HamPK21 (0.76)	Ham18a (0.75)	ArtiguesBF04 (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 (0.31)	KoschB14 (0.32)	HamC16 (0.33)	EdisO11 (0.34)
Dot	ZarandiASC20 (142.00)	Groleaz21 (133.00)	Malapert11 (128.00)	AwadMDMT22 (128.00)	Astrand21 (122.00)
Cosine	Ham18a (0.77)	KoschB14 (0.75)	Ham20a (0.74)	AwadMDMT22 (0.72)	HamC16 (0.71)
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 (0.31)	LiFJZLL22 (0.31)	JuvinHL23 (0.32)
Dot	Lunardi20 (143.00)	ZarandiASC20 (135.00)	LaborieRSV18 (133.00)	Groleaz21 (131.00)	ColT22 (129.00)
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 (0.32)	HamC16 (0.34)	BillautHL12 (0.35)	MengGRZSC22 (0.36)	NaderiBZ22a (0.37)
Dot	ZarandiASC20 (196.00)	Lunardi20 (185.00)	Groleaz21 (182.00)	IsikYA23 (171.00)	MengZRZL20 (169.00)
Cosine	ZhangYW21 (0.79)	MengZRZL20 (0.78)	MengGRZSC22 (0.77)	HamC16 (0.76)	NaderiBZ22a (0.75)
HamdiL13 R&C	CireCH13 (0.42)	CobanH10 (0.71)	BeniniLMMR08 (0.73)	ChuX05 (0.74)	CobanH11 (0.75)
Euclid	CobanH11 (0.27)	Hooker06 (0.28)	Hooker05a (0.28)	ChuX05 (0.28)	JuvinHL23 (0.29)
Dot	Groleaz21 (127.00)	Baptiste02 (126.00)	Lombardi10 (124.00)	ZarandiASC20 (120.00)	PrataAN23 (118.00)
Cosine	CobanH11 (0.81)	Hooker06 (0.79)	Hooker05a (0.76)	ChuX05 (0.76)	JuvinHL23 (0.75)
Hamscher91 R&C					
Euclid	Baptiste09 (0.21)	Davis87 (0.21)	Layfield02 (0.23)	AbrilSB05 (0.23)	Acuna-AgostMFG09 (0.23)
Dot	Froger16 (35.00)	Astrand21 (30.00)	Beck99 (30.00)	German18 (30.00)	BeckDDF98 (30.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Davis87 (0.52)	Acuna-AgostMFG09 (0.48)	PesantGPR99 (0.48)	BenoistGR02 (0.47)	Hunsberger08 (0.46)
HanenKP21 R&C	Tesch18 (0.79)	CarlierPSJ20 (0.83)	OuelletQ18 (0.83)	CarlierSJP21 (0.90)	FetgoD22 (0.91)
Euclid	CarlierPSJ20 (0.22)	HeipckeCCS00 (0.29)	Tesch18 (0.31)	Limtanyakul07 (0.31)	KovacsV06 (0.32)
Dot	Baptiste02 (163.00)	Lombardi10 (155.00)	Groleaz21 (149.00)	Dejemeppe16 (146.00)	Fahimi16 (145.00)
Cosine	CarlierPSJ20 (0.87)	Tesch18 (0.79)	BaptistePN99 (0.78)	HeipckeCCS00 (0.78)	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)	Limtanyakul07 (0.29)	Colombani96 (0.29)	DavenportKRSH07 (0.30)	BockmayrP06 (0.31)
Dot	Malapert11 (129.00)	Baptiste02 (128.00)	LaborieRSV18 (125.00)	Dejemeppe16 (125.00)	ZarandiASC20 (121.00)
Cosine	JainG01 (0.87)	Colombani96 (0.75)	Limtanyakul07 (0.75)	DavenportKRSH07 (0.74)	LiW08 (0.74)
HarjunkoskiJG00 R&C	HarjunkoskiG02 (0.81)	JainG01 (0.87)	BockmayrK98 (0.89)	PintoG97 (0.92)	RoePS05 (0.92)
Euclid	RenT09 (0.27)	HookerO99 (0.28)	PesantGPR99 (0.29)	HebrardTW05 (0.30)	Davis87 (0.30)
Dot	JainG01 (85.00)	Malapert11 (85.00)	HarjunkoskiMBC14 (84.00)	HookerO99 (83.00)	HookerH17 (80.00)
Cosine	HookerO99 (0.77)	JainG01 (0.75)	RenT09 (0.72)	HarjunkoskiG02 (0.71)	HookerOTK00 (0.67)
HarjunkoskiMBC14 R&C	NovaraNH16 (0.90)	ZeballosNH11 (0.91)	MaraveliasCG04 (0.92)	NovasH10 (0.92)	ZeballosCM10 (0.93)
Euclid	NovasH10 (0.50)	BidotVLB09 (0.50)	LopesCSM10 (0.51)	BeckDDF98 (0.52)	AstrandJZ20 (0.52)
Dot	Groleaz21 (237.00)	ZarandiASC20 (236.00)	Astrand21 (216.00)	Lombardi10 (215.00)	LaborieRSV18 (210.00)
Cosine	BidotVLB09 (0.67)	BeckDDF98 (0.66)	NovasH10 (0.66)	LopesCSM10 (0.66)	Astrand21 (0.65)
HauderBRPA20 R&C	SchnellH17 (0.89)	SubulanC22 (0.92)	EdwardsBSE19 (0.92)	KreterSSZ18 (0.92)	SchnellH15 (0.93)
Euclid	abs-1902-09244 (0.12)	BeckPS03 (0.37)	MonetteDH09 (0.39)	HeipckeCCS00 (0.39)	LaborieR14 (0.39)
Dot	ZarandiASC20 (203.00)	abs-1902-09244 (201.00)	Dejemeppe16 (187.00)	Groleaz21 (186.00)	LaborieRSV18 (178.00)
Cosine	abs-1902-09244 (0.98)	BeckPS03 (0.75)	YuraszeckMCCR23 (0.72)	MonetteDH09 (0.72)	BeckR03 (0.71)
He0GLW18 R&C	MurphyMB15 (0.98)				
Euclid	AbrilSB05 (0.22)	Baptiste09 (0.24)	CarchraeBF05 (0.24)	Hunsberger08 (0.24)	FukunagaHFAMN02 (0.25)
Dot	ZarandiASC20 (52.00)	GombolayWS18 (50.00)	Lemos21 (44.00)	Zahout21 (42.00)	Beck99 (42.00)
Cosine	HoeveGSL07 (0.60)	SultanikMR07 (0.54)	Hunsberger08 (0.53)	LimHTB16 (0.52)	AbrilSB05 (0.51)
HebrardALLCMR22 R&C					
Euclid	Baptiste09 (0.17)	CarchraeBF05 (0.18)	FrostD98 (0.18)	ZibranR11 (0.18)	AbrilSB05 (0.20)
Dot	Malapert11 (36.00)	Schutt11 (35.00)	Godet21a (35.00)	Siala15a (34.00)	PapeB97 (33.00)
Cosine	ZibranR11 (0.67)	WolfS05 (0.63)	Baptiste09 (0.62)	ZibranR11a (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 (0.28)	CrawfordB94 (0.31)	LauLN08 (0.31)	LahimerLH11 (0.32)	BridiLBBM16 (0.32)
Dot	Godet21a (92.00)	GodetLHS20 (90.00)	Groleaz21 (90.00)	Baptiste02 (88.00)	Lunardi20 (87.00)
Cosine	GodetLHS20 (0.69)	DoRZ08 (0.68)	Ham18a (0.66)	ParkUJR19 (0.65)	LahimerLH11 (0.65)
HebrardTW05 R&C	Puget95 (0.80)	BeckF00a (0.85)	VilimBC04 (0.86)	VilimBC05 (0.88)	Vilim04 (0.88)
Euclid	AngelsmarkJ00 (0.13)	Baptiste09 (0.14)	KovacsEKV05 (0.14)	CarchraeBF05 (0.15)	FrostD98 (0.16)
Dot	abs-2211-14492 (33.00)	KanetAG04 (33.00)	HeckmanB11 (33.00)	ZarandiASC20 (33.00)	Siala15a (33.00)
Cosine	Colombani96 (0.75)	RenT09 (0.73)	WatsonB08 (0.72)	LauLN08 (0.72)	Beck06 (0.71)
HechingH16 R&C	HamdiL13 (0.83)	CireCH13 (0.85)	Beck10 (0.90)	Sadykov04 (0.90)	BeniniLMMR08 (0.91)
Euclid	CireCH13 (0.25)	CireCH16 (0.26)	ZibranR11 (0.29)	CobanH10 (0.29)	CambazardJ05 (0.29)
Dot	Lombardi10 (76.00)	NaderiBZR23 (75.00)	RoshanaeiBAUB20 (71.00)	RoshanaeiN21 (69.00)	Dejemeppe16 (69.00)
Cosine	CireCH13 (0.73)	CireCH16 (0.72)	NaderiBZR23 (0.66)	CobanH11 (0.64)	ForbesHJST24 (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 (0.24)	WatsonB08 (0.24)	BeckDSF97a (0.24)	BeckPS03 (0.25)
Dot	Beck99 (143.00)	Dejemeppe16 (142.00)	ZarandiASC20 (137.00)	Lombardi10 (137.00)	Baptiste02 (137.00)
Cosine	Beck07 (0.88)	BeckPS03 (0.85)	Beck06 (0.85)	WatsonB08 (0.84)	BeckDSF97a (0.84)
HeinzB12 R&C	HeinzKB13 (0.58)	HeinzS11 (0.69)	CobanH10 (0.82)	CireCH16 (0.84)	Hooker05a (0.86)
Euclid	HeinzKB13 (0.21)	CireCH13 (0.29)	HookerY02 (0.30)	ChuX05 (0.31)	Laborie18a (0.33)
Dot	Lombardi10 (128.00)	MilanoW09 (121.00)	LaborieRSV18 (118.00)	Groleaz21 (115.00)	HookerH17 (114.00)
Cosine	HeinzKB13 (0.88)	CireCH13 (0.76)	ChuX05 (0.74)	HookerY02 (0.74)	Hooker05 (0.72)
HeinzKB13 R&C	HeinzB12 (0.58)	CireCH16 (0.79)	CireCH13 (0.84)	HeinzSB13 (0.85)	TranAB16 (0.87)
Euclid	HeinzB12 (0.21)	CireCH13 (0.23)	HookerY02 (0.24)	ChuX05 (0.25)	CireCH16 (0.26)
Dot	MilanoW09 (107.00)	Lombardi10 (106.00)	HeinzB12 (103.00)	BajestaniB13 (102.00)	HookerH17 (100.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	HeinzB12 (0.88)	CireCH13 (0.81)	HookerY02 (0.79)	ChuX05 (0.79)	Beck10 (0.76)
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 (0.32)	BenderWS21 (0.32)	EdisO11 (0.33)	JuvinHL23 (0.34)
Dot	Lunardi20 (156.00)	ZarandiASC20 (155.00)	Groleaz21 (153.00)	Astrand21 (149.00)	IsikYA23 (145.00)
Cosine	abs-2305-19888 (0.96)	ArbaouiY18 (0.75)	GedikKEK18 (0.73)	BenderWS21 (0.72)	OujanaAYB22 (0.72)
HeinzS11 R&C	BertholdHLMS10 (0.65)	HeinzB12 (0.69)	HeinzSB13 (0.73)	SchuttFS13a (0.83)	SchuttW10 (0.85)
Euclid	BertholdHLMS10 (0.24)	Tesch16 (0.27)	CauwelaertLS15 (0.30)	OuelletQ18 (0.30)	Vilim11 (0.31)
Dot	Schutt11 (121.00)	Lombardi10 (117.00)	Godet21a (105.00)	HeinzSB13 (104.00)	Fahimi16 (101.00)
Cosine	BertholdHLMS10 (0.81)	Tesch16 (0.78)	OuelletQ18 (0.74)	HeinzSB13 (0.72)	Vilim11 (0.72)
HeinzSB13 R&C	HeinzS11 (0.73)	SchuttFS13a (0.84)	BertholdHLMS10 (0.85)	HeinzKB13 (0.85)	HeinzB12 (0.88)
Euclid	BertholdHLMS10 (0.33)	HeinzS11 (0.36)	HeipckeCCS00 (0.37)	SchnellH17 (0.37)	DemasseyAM05 (0.37)
Dot	Groleaz21 (166.00)	Godet21a (165.00)	Schutt11 (160.00)	Lombardi10 (158.00)	Dejemeppe16 (158.00)
Cosine	BertholdHLMS10 (0.78)	VilimLS15 (0.72)	HeinzS11 (0.72)	DemasseyAM05 (0.72)	SchnellH17 (0.72)
HeinzSSW12 R&C	GarganiR07 (0.60)	SchausHMCMD11 (0.69)	HentenryckM08 (0.70)	GaySS14 (0.90)	LetortCB13 (0.92)
Euclid	HentenryckM08 (0.20)	GarganiR07 (0.22)	ZibranR11 (0.28)	ChapadosJR11 (0.28)	Baptiste09 (0.28)
Dot	SchausHMCMD11 (52.00)	GarganiR07 (51.00)	Letort13 (46.00)	Lombardi10 (45.00)	Malapert11 (44.00)
Cosine	GarganiR07 (0.76)	HentenryckM08 (0.74)	SchausHMCMD11 (0.67)	LiuLH19a (0.51)	SchausD08 (0.50)
HeipckeCCS00 R&C	SimonisC95 (0.95)	BruckerK00 (0.99)	AggounB93 (0.99)		
Euclid	KovacsV06 (0.22)	LiessM08 (0.25)	KovacsV04 (0.26)	Limtanyakul07 (0.26)	KhayatLR06 (0.26)
Dot	Baptiste02 (134.00)	Groleaz21 (132.00)	Lombardi10 (131.00)	Godet21a (131.00)	Dejemeppe16 (129.00)
Cosine	KovacsV06 (0.85)	LiessM08 (0.82)	MonetteDH09 (0.80)	KhayatLR06 (0.80)	ArkhipovBL19 (0.80)
HentenryckM04 R&C	KhemmoudjPB06 (0.91)	TanSD10 (0.92)	ArtiguesBF04 (0.92)	WatsonB08 (0.94)	CestaOPS14 (0.94)
Euclid	PacinoH11 (0.24)	GodardLN05 (0.26)	Beck07 (0.28)	VilimBC04 (0.28)	BeckPS03 (0.28)
Dot	Dejemeppe16 (136.00)	Malapert11 (134.00)	Groleaz21 (133.00)	Baptiste02 (133.00)	Lombardi10 (132.00)
Cosine	PacinoH11 (0.83)	GodardLN05 (0.81)	Beck07 (0.80)	MonetteDH09 (0.80)	BeckPS03 (0.79)
HentenryckM08 R&C	GarganiR07 (0.52)	SchausHMCMD11 (0.64)	HeinzSSW12 (0.70)	GaySS14 (0.93)	Beck10 (0.93)
Euclid	HeinzSSW12 (0.20)	GarganiR07 (0.21)	AbrilSB05 (0.22)	FrostD98 (0.23)	Baptiste09 (0.25)
Dot	SchausHMCMD11 (48.00)	GaySS14 (46.00)	GarganiR07 (44.00)	HeinzSSW12 (36.00)	Dejemeppe16 (36.00)
Cosine	GarganiR07 (0.78)	HeinzSSW12 (0.74)	SchausHMCMD11 (0.72)	GaySS14 (0.61)	LiuLH19a (0.54)
Henz01 R&C	HenzMT04 (0.56)	Schreuder92 (0.72)	RasmussenT07 (0.73)	Trick03 (0.73)	RussellU06 (0.79)
Euclid					
Dot					
Cosine					
HenzMT04 R&C	Henz01 (0.56)	Trick03 (0.69)	RussellU06 (0.71)	RasmussenT07 (0.73)	Perron05 (0.80)
Euclid	EastonNT02 (0.23)	Perron05 (0.26)	DilkinaH04 (0.26)	LiuLH19 (0.26)	RussellU06 (0.27)
Dot	KendallKRU10 (75.00)	Lemos21 (70.00)	RussellU06 (69.00)	Siala15a (68.00)	CarlssonJL17 (68.00)
Cosine	RussellU06 (0.75)	EastonNT02 (0.75)	LiuLH19 (0.70)	Trick03 (0.68)	DilkinaH04 (0.66)
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)	PoderBS04 (0.27)	QuSN06 (0.27)	LozanoCDS12 (0.27)
Dot	Godet21a (91.00)	Lombardi10 (89.00)	Malapert11 (89.00)	Groleaz21 (86.00)	Schutt11 (85.00)
Cosine	PoderBS04 (0.71)	BeniniBGM05a (0.71)	WolfS05 (0.71)	BockmayrP06 (0.70)	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 (0.29)	KovacsV06 (0.29)	LiessM08 (0.30)	DemasseyAM05 (0.30)	BofillCSV17a (0.30)
Dot	ZarandiASC20 (153.00)	Groleaz21 (151.00)	Lombardi10 (147.00)	Schutt11 (143.00)	Godet21a (143.00)
Cosine	DemasseyAM05 (0.80)	ArkhipovBL19 (0.80)	HeipckeCCS00 (0.78)	LiessM08 (0.78)	KovacsV06 (0.77)
HladikCDJ08 R&C	CambazardHDJT04 (0.70)	CambazardJ05 (0.83)	CireCH13 (0.85)	Hooker05 (0.85)	Hooker05a (0.85)
Euclid	CambazardHDJT04 (0.20)	BeniniLMR08 (0.32)	LozanoCDS12 (0.33)	HermenierDL11 (0.33)	BeniniBGM05 (0.34)
Dot	Lombardi10 (141.00)	ZarandiASC20 (131.00)	Froger16 (122.00)	Godet21a (120.00)	Beck99 (118.00)
Cosine	CambazardHDJT04 (0.90)	BeniniLMR08 (0.72)	BeniniBGM05 (0.72)	EmeretlisTAV17 (0.71)	HermenierDL11 (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)	ShinBBHO18 (0.24)
Dot	ZarandiASC20 (69.00)	Dejemeppe16 (60.00)	Lombardi10 (58.00)	Astrand21 (58.00)	RoshanaeiLAU17 (57.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	ShinBBHO18 (0.76)	BourdaisGP03 (0.70)	LudwigKRBMS14 (0.69)	IfrimOS12 (0.67)	TranPZLDB18 (0.66)
HoeveGSL07 R&C					
Euclid	QuSN06 (0.24)	GomesHS06 (0.24)	BeniniBGM05a (0.25)	NishikawaSTT18 (0.26)	NishikawaSTT18a (0.26)
Dot	Beck99 (93.00)	ZarandiASC20 (89.00)	BartakSR10 (88.00)	GombolayWS18 (86.00)	LaborieRSV18 (85.00)
Cosine	Pape94 (0.75)	NishikawaSTT19 (0.75)	NishikawaSTT18 (0.74)	NishikawaSTT18a (0.74)	QuSN06 (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 (0.20)	Hooker05a (0.20)	Hooker06 (0.20)	Hooker05 (0.21)	CireCH16 (0.24)
Dot	Hooker07 (117.00)	Lombardi10 (117.00)	Hooker05 (113.00)	LaborieRSV18 (102.00)	Groleaz21 (101.00)
Cosine	Hooker07 (0.91)	Hooker05 (0.90)	Hooker06 (0.88)	Hooker05a (0.87)	CireCH16 (0.81)
Hooker05 R&C	Hooker05a (0.49)	Hooker04 (0.55)	Hooker07 (0.57)	ChuX05 (0.58)	Hooker06 (0.61)
Euclid	Hooker07 (0.21)	Hooker04 (0.21)	Hooker06 (0.23)	Hooker05a (0.26)	CireCH13 (0.30)
Dot	Lombardi10 (155.00)	Hooker07 (135.00)	LaborieRSV18 (133.00)	Beck99 (133.00)	Baptiste02 (131.00)
Cosine	Hooker07 (0.90)	Hooker04 (0.90)	Hooker06 (0.87)	Hooker05a (0.83)	EmeretlisTAV17 (0.78)
Hooker05a R&C	Hooker04 (0.44)	Hooker05 (0.49)	CambazardJ05 (0.58)	BeniniBGM05 (0.62)	Hooker06 (0.64)
Euclid	Hooker06 (0.12)	Hooker04 (0.20)	Hooker07 (0.22)	Limtanyakul07 (0.26)	BeldiceanuP07 (0.26)
Dot	Lombardi10 (106.00)	Hooker07 (104.00)	Hooker06 (100.00)	Groleaz21 (100.00)	Baptiste02 (100.00)
Cosine	Hooker06 (0.97)	Hooker07 (0.89)	Hooker04 (0.87)	Hooker05 (0.83)	HamdiL13 (0.76)
Hooker05b R&C	Hooker05 (0.67)	Hooker05a (0.70)	Hooker04 (0.73)	CambazardJ05 (0.74)	Hooker07 (0.76)
Euclid	CambazardJ05 (0.25)	Davis87 (0.26)	SmithBHW96 (0.26)	ZhangLS12 (0.27)	ZibranR11 (0.27)
Dot	Lombardi10 (74.00)	Froger16 (73.00)	Lemos21 (71.00)	MilanoW09 (69.00)	MilanoW06 (68.00)
Cosine	HookerOTK00 (0.70)	Thorsteinsson01 (0.68)	CambazardJ05 (0.68)	PesantGPR99 (0.65)	EreminW01 (0.64)
Hooker06 R&C	Hooker07 (0.57)	Hooker05 (0.61)	CobanH11 (0.63)	CireCH13 (0.63)	Hooker05a (0.64)
Euclid	Hooker05a (0.12)	Hooker07 (0.20)	Hooker04 (0.20)	Hooker05 (0.23)	CireCH13 (0.27)
Dot	Lombardi10 (128.00)	Hooker07 (123.00)	Baptiste02 (118.00)	Dejemeppe16 (117.00)	Groleaz21 (116.00)
Cosine	Hooker05a (0.97)	Hooker07 (0.91)	Hooker04 (0.88)	Hooker05 (0.87)	HamdiL13 (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 (0.20)	Hooker04 (0.20)	Hooker05 (0.21)	Hooker05a (0.22)	CireCH16 (0.27)
Dot	Lombardi10 (154.00)	LaborieRSV18 (140.00)	Hooker05 (135.00)	Malapert11 (131.00)	Dejemeppe16 (130.00)
Cosine	Hooker04 (0.91)	Hooker06 (0.91)	Hooker05 (0.90)	Hooker05a (0.89)	CireCH16 (0.83)
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 (0.18)	Baptiste09 (0.18)	CestaOS98 (0.20)	WuBB05 (0.20)	KovacsEKV05 (0.20)
Dot	Dejemeppe16 (47.00)	Lombardi10 (46.00)	Groleaz21 (44.00)	LaborieRSV18 (43.00)	Lunardi20 (43.00)
Cosine	Balduccini11 (0.68)	CobanH10 (0.67)	SmithC93 (0.66)	Limtanyakul07 (0.64)	DannaP03 (0.63)
Hooker19 R&C					
Euclid	ElciOH22 (0.33)	CobanH11 (0.34)	ForbesHJST24 (0.37)	Hooker07 (0.37)	BajestaniB11 (0.38)
Dot	ZarandiASC20 (179.00)	Lombardi10 (174.00)	LaborieRSV18 (162.00)	Groleaz21 (158.00)	Froger16 (158.00)
Cosine	ElciOH22 (0.79)	CobanH11 (0.78)	Hooker07 (0.74)	ForbesHJST24 (0.73)	EmeretlisTAV17 (0.72)
HookerH17 R&C	CireCH16 (0.88)	CastroGR10 (0.88)	CobanH11 (0.91)	CireCH13 (0.92)	Hooker06a (0.92)
Euclid	Wallace96 (0.50)	HookerOTK00 (0.50)	MilanoW06 (0.51)	MilanoW09 (0.51)	Hooker19 (0.51)
Dot	Lombardi10 (216.00)	Dejemeppe16 (215.00)	ZarandiASC20 (206.00)	Baptiste02 (205.00)	Malapert11 (194.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	MilanoW09 (0.68)	MilanoW06 (0.67)	Wallace96 (0.66)	Demassey03 (0.66)	Hooker19 (0.65)
HookerO03 R&C	Hooker07 (0.80)	JainG01 (0.88)	Thorsteinsson01 (0.88)	ZarandiB12 (0.91)	RoshanaeiLAU17 (0.92)
Euclid	Thorsteinsson01 (0.27)	CireCH13 (0.27)	HookerY02 (0.28)	ChuX05 (0.28)	HeinzKB13 (0.29)
Dot	Lombardi10 (99.00)	HookerH17 (93.00)	MilanoW09 (92.00)	MilanoW06 (89.00)	Hooker19 (89.00)
Cosine	Thorsteinsson01 (0.76)	CobanH11 (0.73)	HamdiL13 (0.73)	CireCH13 (0.73)	ChuX05 (0.72)
HookerO99 R&C	Hooker02 (0.72)	BockmayrK98 (0.82)	RodosekWH99 (0.87)	HookerOTK00 (0.89)	JainG01 (0.90)
Euclid	HookerOTK00 (0.28)	HarjunkoskiJG00 (0.28)	RodosekWH99 (0.31)	FontaineMH16 (0.32)	Thorsteinsson01 (0.33)
Dot	Lombardi10 (124.00)	Malapert11 (122.00)	LaborieRSV18 (116.00)	HookerH17 (115.00)	Schutt11 (114.00)
Cosine	HookerOTK00 (0.78)	HarjunkoskiJG00 (0.77)	JainG01 (0.73)	RodosekWH99 (0.73)	Zhou97 (0.73)
HookerOTK00 R&C	BockmayrK98 (0.89)	HookerO99 (0.89)	BenoistGR02 (0.91)	Thorsteinsson01 (0.93)	Hooker02 (0.94)
Euclid	HookerO99 (0.28)	Thorsteinsson01 (0.28)	Hooker05b (0.29)	SmithBHW96 (0.29)	HookerY02 (0.30)
Dot	HookerH17 (115.00)	Lombardi10 (111.00)	MilanoW09 (102.00)	Malapert11 (101.00)	MilanoW06 (101.00)
Cosine	HookerO99 (0.78)	Thorsteinsson01 (0.75)	JainG01 (0.74)	Hooker05b (0.70)	LiW08 (0.68)
HookerY02 R&C	Hooker05b (0.78)	BockmayrP06 (0.79)	Thorsteinsson01 (0.82)	Hooker04 (0.85)	MilanoORT02 (0.86)
Euclid	Limtanyakul07 (0.23)	HeinzKB13 (0.24)	ChuX05 (0.24)	BertholdHLMS10 (0.24)	CireCH13 (0.25)
Dot	HookerH17 (89.00)	Lombardi10 (86.00)	Demassey03 (80.00)	Froger16 (80.00)	LombardiM12 (78.00)
Cosine	HeinzKB13 (0.79)	ChuX05 (0.77)	Beck10 (0.76)	BertholdHLMS10 (0.75)	Limtanyakul07 (0.74)
HoundjiSW19 R&C	HoundjiSWD14 (0.79)	CauwelaertDMS16 (0.90)	PesantRR15 (0.92)	CauwelaertLS18 (0.95)	CauwelaertDS20 (0.95)
Euclid	HoundjiSWD14 (0.21)	BockmayrP06 (0.28)	KrogtLPHJ07 (0.31)	Limtanyakul07 (0.31)	BofillGSV15 (0.31)
Dot	Dejemeppe16 (98.00)	MilanoW09 (91.00)	MilanoW06 (91.00)	Simonis07 (84.00)	Malapert11 (82.00)
Cosine	HoundjiSWD14 (0.82)	BockmayrP06 (0.69)	MilanoW06 (0.62)	CatusseCBL16 (0.62)	KrogtLPHJ07 (0.61)
HoundjiSWD14 R&C	SimonisH11 (0.75)	HoundjiSW19 (0.79)	CauwelaertLS15 (0.82)	GaySS14 (0.83)	GayHLS15 (0.84)
Euclid	HoundjiSW19 (0.21)	FoxAS82 (0.25)	Davis87 (0.27)	KrogtLPHJ07 (0.27)	BockmayrP06 (0.27)
Dot	Dejemeppe16 (77.00)	MilanoW09 (65.00)	MilanoW06 (65.00)	BajestaniB13 (63.00)	Beck99 (61.00)
Cosine	HoundjiSW19 (0.82)	BockmayrP06 (0.64)	FoxAS82 (0.63)	KrogtLPHJ07 (0.62)	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 (0.34)	LiessM08 (0.36)	HeipckeCCS00 (0.36)	AbidinK20 (0.36)
Dot	ZarandiASC20 (168.00)	Groleaz21 (167.00)	Lombardi10 (153.00)	Astrand21 (153.00)	Lunardi20 (149.00)
Cosine	CampeauG22 (0.77)	SubulanC22 (0.76)	BofillCSV17a (0.73)	abs-1902-09244 (0.72)	EtminaniesfahaniGNMS22 (0.72)
Hunsberger08 R&C					
Euclid	AngelsmarkJ00 (0.17)	LiuJ06 (0.18)	CarchraeBF05 (0.18)	Davis87 (0.19)	Baptiste09 (0.19)
Dot	Lemos21 (45.00)	SultanikMR07 (45.00)	LombardiMRB10 (43.00)	Astrand21 (43.00)	ZarandiASC20 (42.00)
Cosine	SultanikMR07 (0.80)	RoweJCA96 (0.72)	AngelsmarkJ00 (0.70)	SunLYL10 (0.70)	LiuJ06 (0.67)
HurleyOS16 R&C	GalleguillosKSB19 (0.95)	IfrimOS12 (0.97)	BridiBLMB16 (0.97)	LimHTB16 (0.97)	
Euclid	IfrimOS12 (0.25)	BockmayrP06 (0.25)	BeniniBGM05a (0.27)	QuSN06 (0.27)	AkramNHRSA23 (0.27)
Dot	Lemos21 (79.00)	Groleaz21 (79.00)	ZarandiASC20 (78.00)	BorghesiBLMB18 (78.00)	Lombardi10 (77.00)
Cosine	BorghesiBLMB18 (0.73)	BockmayrP06 (0.73)	IfrimOS12 (0.72)	GrimesIOS14 (0.71)	Madi-WambaLOBM17 (0.69)
IfrimOS12 R&C	GrimesIOS14 (0.81)	LimBTBB15a (0.89)	LimBTBB15 (0.90)	BartoliniBBLM14 (0.94)	HurleyOS16 (0.97)
Euclid	KinsellaS0OS16 (0.24)	HoYCLLCLC18 (0.25)	HurleyOS16 (0.25)	FoxAS82 (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 (0.72)	TranPZLDB18 (0.71)	KinsellaS0OS16 (0.68)	HoYCLLCLC18 (0.67)
IklassovMR023 R&C					
Euclid	KotaryFH22 (0.26)	LiLZDZW24 (0.28)	Tassel22 (0.28)	DilkinaDH05 (0.30)	TasselGS23 (0.30)
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 (0.76)	LiLZDZW24 (0.75)
IsikYA23 R&C	MengLZB21 (0.93)	OujanaAYB22 (0.95)	MengGRZSC22 (0.96)	WariZ19 (0.96)	NaderiRR23 (0.97)
Euclid	MengZRZL20 (0.39)	YunusogluY22 (0.41)	Novas19 (0.43)	MengLZB21 (0.44)	HamPK21 (0.46)
Dot	ZarandiASC20 (278.00)	Groleaz21 (251.00)	Lunardi20 (246.00)	Dejemeppe16 (234.00)	MengZRZL20 (229.00)
Cosine	MengZRZL20 (0.82)	YunusogluY22 (0.80)	Novas19 (0.77)	MengLZB21 (0.75)	AbreuN22 (0.73)
JainG01 R&C	HarjunkoskiG02 (0.74)	Thorsteinsson01 (0.74)	Hooker02 (0.80)	CastroGR10 (0.81)	MaraveliasCG04 (0.84)
Euclid	HarjunkoskiG02 (0.23)	Thorsteinsson01 (0.31)	ZeballosM09 (0.31)	HarjunkoskiJG00 (0.31)	BockmayrP06 (0.32)
Dot	Baptiste02 (140.00)	MilanoW06 (134.00)	LaborieRSV18 (131.00)	Malapert11 (131.00)	MilanoW09 (131.00)
Cosine	HarjunkoskiG02 (0.87)	ArtiguesLH13 (0.77)	LiW08 (0.76)	ZeballosM09 (0.76)	Thorsteinsson01 (0.76)
JainM99 R&C	BlazewiczDP96 (0.66)	DomdorfPH03 (0.86)	DorndorfPH99 (0.88)	ColT22 (0.89)	DorndorfHP99 (0.93)
Euclid	BlazewiczDP96 (0.37)	MenciaSV13 (0.39)	MalapertCGJLR13 (0.40)	GrimesH10 (0.41)	KotaryFH22 (0.41)
Dot	ZarandiASC20 (237.00)	Groleaz21 (218.00)	Astrand21 (201.00)	Baptiste02 (198.00)	Lunardi20 (189.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	BlazewiczDP96 (0.80)	MenciaSV13 (0.74)	Nuijten94 (0.73)	BeckF98 (0.72)	BartakSR10 (0.72)
Jans09 R&C	CastroGR10 (0.94)	ChenGPSH10 (0.94)	CobanH11 (0.95)	CireCH16 (0.95)	CobanH10 (0.95)
Euclid	LauLN08 (0.28)	BenediktSMVH18 (0.29)	BogaerdtW19 (0.30)	DavenportKRSH07 (0.31)	CatusseCBL16 (0.31)
Dot	ZarandiASC20 (93.00)	Groleaz21 (91.00)	Astrand21 (89.00)	PrataAN23 (83.00)	Lunardi20 (81.00)
Cosine	DavenportKRSH07 (0.68)	BogaerdtW19 (0.66)	ArbaouiY18 (0.66)	LauLN08 (0.65)	BenediktSMVH18 (0.65)
JelinekB16 R&C	ReddyFIBKAJ11 (0.92)	BoothTNB16 (0.96)	BaptisteLPN06 (0.97)	HarjunkoskiMBC14 (0.99)	
Euclid	AngelsmarkJ00 (0.19)	FeldmanG89 (0.19)	CarchraeBF05 (0.20)	FrostD98 (0.20)	LiuJ06 (0.20)
Dot	Lombardi10 (49.00)	Baptiste02 (49.00)	Schutt11 (43.00)	Nuijten94 (42.00)	Lemos21 (41.00)
Cosine	FeldmanG89 (0.65)	AngelsmarkJ00 (0.62)	FukunagaHFAMN02 (0.61)	Schaerf97 (0.61)	FalaschiGMP97 (0.59)
JoLLH99 R&C					
Euclid	TranDRFWOVB16 (0.24)	DincbasS91 (0.29)	AngelsmarkJ00 (0.30)	ChunCTY99 (0.30)	Prosser89 (0.31)
Dot	ZarandiASC20 (89.00)	Fahimi16 (79.00)	Simonis07 (75.00)	Lombardi10 (73.00)	Baptiste02 (73.00)
Cosine	TranDRFWOVB16 (0.77)	ChunCTY99 (0.65)	BartakV15 (0.62)	Prosser89 (0.62)	MorgadoM97 (0.60)
Johnston05 R&C					
Euclid	WallaceF00 (0.26)	Maillard15 (0.27)	LudwigKRBMS14 (0.28)	FukunagaHFAMN02 (0.28)	AngelsmarkJ00 (0.29)
Dot	ZarandiASC20 (71.00)	LaborieRSV18 (70.00)	Astrand21 (70.00)	Lombardi10 (69.00)	Groleaz21 (66.00)
Cosine	WallaceF00 (0.66)	PembertonG98 (0.66)	SimoninAHL12 (0.66)	FrankK05 (0.63)	ReddyFIBKAJ11 (0.62)
JourdanFRD94 R&C					
Euclid					
Dot					
Cosine					
JungblutK22 R&C					
Euclid	GomesHS06 (0.24)	FukunagaHFAMN02 (0.24)	CarchraeBF05 (0.25)	AngelsmarkJ00 (0.25)	abs-1901-07914 (0.25)
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 (0.67)	AkramNHRSA23 (0.66)	BridiLBBM16 (0.63)
Junker00 R&C					
Euclid	BartakCS10 (0.26)	Muscettola94 (0.26)	Muscettola02 (0.26)	WallaceF00 (0.26)	BeckW05 (0.26)
Dot	Beck99 (94.00)	Baptiste02 (94.00)	Lombardi10 (92.00)	Fahimi16 (91.00)	BeckDDF98 (91.00)
Cosine	BeckDSF97a (0.77)	BeckDSF97 (0.76)	BeckPS03 (0.76)	BartakCS10 (0.75)	Muscettola94 (0.74)
JussienL02 R&C	MalapertCGJLR12 (0.86)	Colombani96 (0.86)	Zhou96 (0.87)	BeckF00 (0.88)	Dorndorf2000 (0.90)
Euclid	MalapertCGJLR13 (0.29)	KovacsV04 (0.31)	GarridoAO09 (0.32)	Vilim05 (0.33)	Bartak02 (0.33)
Dot	ZarandiASC20 (146.00)	Godet21a (137.00)	Lombardi10 (136.00)	Beck99 (134.00)	Groleaz21 (134.00)
Cosine	MalapertCGJLR13 (0.78)	KovacsV04 (0.76)	GarridoAO09 (0.74)	PengLC14 (0.74)	Vilim05 (0.73)
JuvinHHL23 R&C					
Euclid	MenciaSV13 (0.38)	TorresL00 (0.40)	TanSD10 (0.40)	JuvinHL22 (0.41)	SialaAH15 (0.41)
Dot	Baptiste02 (211.00)	Godet21a (207.00)	Malapert11 (205.00)	Groleaz21 (204.00)	Dejemeppe16 (199.00)
Cosine	MenciaSV13 (0.78)	JuvinHL22 (0.76)	TorresL00 (0.75)	PapaB98 (0.75)	JuvinHL23a (0.74)
JuvinHL22 R&C	NaderiR22 (0.86)	SourdN00 (0.88)	MullerMKP22 (0.91)	NaderiRR23 (0.91)	Wolf03 (0.92)
Euclid	JuvinHL23a (0.24)	TanT18 (0.36)	NaderiBZ22a (0.37)	GuyonLPR12 (0.37)	SourdN00 (0.38)
Dot	Groleaz21 (196.00)	Baptiste02 (192.00)	ZarandiASC20 (189.00)	JuvinHL23a (189.00)	NaderiRR23 (179.00)
Cosine	JuvinHL23a (0.91)	NaderiBZ22a (0.77)	TanT18 (0.77)	GuyonLPR12 (0.76)	JuvinHHL23 (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 (0.28)	WessenCS20 (0.28)	HamdiL13 (0.29)
Dot	Lunardi20 (125.00)	Groleaz21 (120.00)	ZarandiASC20 (112.00)	Astrand21 (110.00)	LaborieRSV18 (109.00)
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 (0.24)	NaderiBZ22a (0.36)	Teppan22 (0.38)	GuyonLPR12 (0.38)	ZhangYW21 (0.39)
Dot	ZarandiASC20 (192.00)	Groleaz21 (190.00)	JuvinHL22 (189.00)	Baptiste02 (177.00)	Lombardi10 (174.00)
Cosine	JuvinHL22 (0.91)	NaderiBZ22a (0.78)	JuvinHHL23 (0.74)	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 (0.27)	ZibranR11a (0.28)	MakMS10 (0.30)	abs-1902-01193 (0.31)	ZhangLS12 (0.32)
Dot	ZarandiASC20 (104.00)	Lombardi10 (100.00)	Beck99 (99.00)	Schutt11 (98.00)	Astrand21 (97.00)
Cosine	SakkoutW00 (0.76)	ZibranR11 (0.70)	ZibranR11a (0.68)	HeckmanB11 (0.68)	Wallace06 (0.68)
Kameugne14 R&C					
Euclid	KameugneFSN14 (0.37)	Demassey03 (0.39)	KameugneFND23 (0.39)	GayHS15a (0.40)	Clercq12 (0.40)
Dot	Fahimi16 (204.00)	Malapert11 (200.00)	Baptiste02 (195.00)	Schutt11 (193.00)	Demassey03 (180.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Demassey03 (0.78)	KameugneFSN14 (0.78)	KameugneFND23 (0.74)	Clercq12 (0.74)	Derrien15 (0.73)
Kameugne15 R&C					
Euclid	Caseau97 (0.22)	Vilim09a (0.23)	Vilim02 (0.24)	Vilim09 (0.25)	KameugneF13 (0.25)
Dot	Schutt11 (69.00)	Dejemeppe16 (69.00)	Baptiste02 (69.00)	Fahimi16 (69.00)	Malapert11 (66.00)
Cosine	Vilim09a (0.74)	Vilim09 (0.72)	GayHS15a (0.72)	Caseau97 (0.71)	KameugneFSN11 (0.68)
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 (0.57)	SchuttWS05 (0.54)	ChuGNSW13 (0.53)	BeldiceanuP07 (0.53)	Hooker05a (0.52)
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 (0.28)	SchuttW10 (0.30)	OuelletQ18 (0.30)
Dot	Baptiste02 (153.00)	Fahimi16 (150.00)	Schutt11 (147.00)	FetgoD22 (146.00)	KameugneFND23 (141.00)
Cosine	KameugneFND23 (0.89)	FetgoD22 (0.87)	OuelletQ13 (0.81)	SchuttW10 (0.78)	OuelletQ18 (0.78)
KameugneFND23 R&C					
Euclid	OuelletQ13 (0.22)	FetgoD22 (0.23)	KameugneFGOQ18 (0.23)	GingrasQ16 (0.27)	KameugneFSN14 (0.28)
Dot	Schutt11 (169.00)	FetgoD22 (160.00)	Baptiste02 (160.00)	Fahimi16 (157.00)	Lombardi10 (153.00)
Cosine	FetgoD22 (0.90)	OuelletQ13 (0.90)	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)	SchuttW10 (0.26)	OuelletQ13 (0.27)	OuelletQ18 (0.29)	CarlierPSJ20 (0.29)
Dot	Schutt11 (139.00)	Fahimi16 (137.00)	Baptiste02 (135.00)	Lombardi10 (133.00)	Dejemeppe16 (133.00)
Cosine	KameugneFSN14 (0.91)	SchuttW10 (0.82)	OuelletQ13 (0.81)	KameugneFND23 (0.78)	OuelletQ18 (0.77)
KameugneFSN14 R&C	OuelletQ13 (0.54)	OuelletQ18 (0.56)	SchuttW10 (0.63)	FahimiOQ18 (0.65)	LetortBC12 (0.66)
Euclid	KameugneFSN11 (0.20)	KameugneFND23 (0.28)	GingrasQ16 (0.28)	SchuttW10 (0.29)	OuelletQ13 (0.29)
Dot	Schutt11 (160.00)	Fahimi16 (154.00)	Lombardi10 (153.00)	Baptiste02 (150.00)	Dejemeppe16 (149.00)
Cosine	KameugneFSN11 (0.91)	KameugneFND23 (0.84)	GingrasQ16 (0.82)	SchuttW10 (0.81)	OuelletQ13 (0.81)
KanetAG04 R&C					
Euclid	BeckR03 (0.39)	BartakSR08 (0.39)	PengLC14 (0.39)	ZeballosH05 (0.40)	FoxS90 (0.40)
Dot	Baptiste02 (187.00)	ZarandiASC20 (186.00)	Malapert11 (186.00)	Dejemeppe16 (183.00)	Groleaz21 (179.00)
Cosine	KelbelH11 (0.73)	BeckR03 (0.72)	BartakSR08 (0.72)	OrnekO16 (0.72)	TerekhovDOB12 (0.71)
KelarevaTK13 R&C	SzerediS16 (0.90)	SchuttCSW12 (0.91)	SchuttFS13 (0.92)	BofillEGPSV14 (0.92)	GuSS13 (0.92)
Euclid	FrankDT16 (0.38)	GilesH16 (0.39)	NishikawaSTT18a (0.39)	KucukY19 (0.39)	NishikawaSTT18 (0.39)
Dot	LaborieRSV18 (110.00)	Godet21a (109.00)	Astrand21 (107.00)	ZarandiASC20 (102.00)	Lombardi10 (102.00)
Cosine	TranVNB17 (0.61)	NishikawaSTT18a (0.59)	ZeballosM09 (0.59)	NishikawaSTT18 (0.58)	GilesH16 (0.58)
KelbelH11 R&C	AbreuN22 (0.85)	TanSD10 (0.88)	GrimesHM09 (0.89)	BaptisteLPN06 (0.90)	BeckR03 (0.90)
Euclid	MonetteDH09 (0.32)	GodardLN05 (0.36)	GrimesH11 (0.37)	TorresL00 (0.37)	PengLC14 (0.37)
Dot	Dejemeppe16 (200.00)	Baptiste02 (196.00)	Groleaz21 (191.00)	Lombardi10 (185.00)	ZarandiASC20 (173.00)
Cosine	MonetteDH09 (0.81)	GrimesH11 (0.78)	GodardLN05 (0.76)	BeckR03 (0.75)	TorresL00 (0.75)
KendallKRU10 R&C	Ribeiro12 (0.86)	EastonNT02 (0.92)	Schreuder92 (0.93)	ElfJR03 (0.93)	RasmussenT07 (0.93)
Euclid	Ribeiro12 (0.29)	RasmussenT09 (0.36)	ZengM12 (0.38)	RasmussenT07 (0.39)	BulckG22 (0.39)
Dot	ZarandiASC20 (180.00)	Lemos21 (162.00)	Astrand21 (146.00)	Froger16 (140.00)	Lunardi20 (139.00)
Cosine	Ribeiro12 (0.85)	RasmussenT09 (0.76)	ZengM12 (0.72)	RasmussenT07 (0.71)	BulckG22 (0.69)
KengY89 R&C					
Euclid	CrawfordB94 (0.19)	FoxAS82 (0.22)	Prosser89 (0.23)	LauLN08 (0.24)	AngelsmarkJ00 (0.24)
Dot	Dejemeppe16 (82.00)	Groleaz21 (81.00)	Malapert11 (80.00)	Beck99 (78.00)	ZarandiASC20 (77.00)
Cosine	CrawfordB94 (0.82)	Prosser89 (0.76)	FoxAS82 (0.76)	CarlssonKA99 (0.73)	AngelsmarkJ00 (0.73)
KeriK07 R&C	EsquirolLH2008 (0.90)	SchuttCSW12 (0.91)	BaptisteP97 (0.91)	KovacsV04 (0.92)	LimtanyakulS12 (0.93)
Euclid	LombardiM13 (0.23)	Muscettola02 (0.25)	OddiRC10 (0.26)	BhatnagarKL19 (0.26)	BofillCSV17a (0.26)
Dot	LaborieRSV18 (95.00)	Dejemeppe16 (94.00)	ZarandiASC20 (93.00)	Baptiste02 (92.00)	Groleaz21 (90.00)
Cosine	LombardiM13 (0.75)	KusterJF07 (0.72)	OddiRC10 (0.72)	BofillCSV17a (0.72)	Muscettola02 (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)	NovasH14 (0.26)	KovacsV06 (0.27)	PacinoH11 (0.28)
Dot	ZarandiASC20 (134.00)	Baptiste02 (134.00)	Dejemeppe16 (132.00)	Groleaz21 (129.00)	Lunardi20 (128.00)
Cosine	ZhangYW21 (0.82)	NovasH14 (0.81)	HeipckeCCS00 (0.80)	ZeballosQH10 (0.80)	BeckPS03 (0.79)
KhemmoudjPB06 R&C	KamarainenS02 (0.86)	HentenryckM04 (0.91)	DejemeppeD14 (0.93)	PerronSF04 (0.94)	KletzanderM17 (0.94)
Euclid	WolfS05 (0.24)	LozanoCDS12 (0.25)	KuchcinskiW03 (0.26)	BockmayrP06 (0.26)	BeldiceanuP07 (0.26)
Dot	Lemos21 (78.00)	Astrand21 (75.00)	Froger16 (75.00)	Dejemeppe16 (72.00)	Lombardi10 (70.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	WolfS05 (0.74)	LozanoCDS12 (0.72)	BockmayrP06 (0.70)	KuchcinskiW03 (0.69)	BartakS11 (0.69)
KimCMLLP23 R&C	GaySS14 (0.88)	KoschB14 (0.94)	DannaP03 (0.94)	OujanaAYB22 (0.94)	SacramentoSP20 (0.94)
Euclid	DannaP03 (0.32)	PerronSF04 (0.33)	MonetteDH09 (0.35)	CarchraeB09 (0.35)	MakMS10 (0.36)
Dot	Groleaz21 (137.00)	ZarandiASC20 (124.00)	Dejemeppe16 (123.00)	MengZRZL20 (121.00)	NaderiRR23 (120.00)
Cosine	MonetteDH09 (0.71)	DannaP03 (0.71)	AbreuPNF23 (0.68)	CarchraeB09 (0.67)	PerronSF04 (0.67)
KinsellaS0OS16 R&C					
Euclid	CarchraeBF05 (0.20)	AngelsmarkJ00 (0.21)	Baptiste09 (0.21)	LiuJ06 (0.22)	ChapadosJR11 (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)	HurleyOS16 (0.58)	HoYCLLCLC18 (0.58)	MurphyMB15 (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 (0.30)	BenderWS21 (0.31)	BeniniBGM05a (0.31)	FortinZDF05 (0.31)	BoothTNB16 (0.31)
Dot	Groleaz21 (124.00)	Baptiste02 (118.00)	Lombardi10 (117.00)	Dejemeppe16 (115.00)	Malapert11 (113.00)
Cosine	OzturkTHO15 (0.72)	BoothTNB16 (0.71)	QuirogaZH05 (0.71)	OzturkTHO12 (0.71)	CauwelaertDMS16 (0.70)
KletzanderM17 R&C	GoldwaserS17 (0.74)	WuBB09 (0.93)	KhemmoudjPB06 (0.94)	Schreuder92 (0.95)	AggounB93 (0.95)
Euclid	Schreuder92 (0.21)	ZibranR11 (0.22)	CarchraeBF05 (0.22)	LimRX04 (0.23)	Baptiste09 (0.23)
Dot	ZarandiASC20 (53.00)	IsikYA23 (50.00)	Lunardi20 (49.00)	Froger16 (49.00)	SacramentoSP20 (48.00)
Cosine	GoldwaserS17 (0.65)	LimRX04 (0.64)	Schreuder92 (0.63)	ZibranR11 (0.62)	KletzanderM20 (0.58)
KletzanderM20 R&C					
Euclid	KletzanderMH21 (0.21)	KletzanderM17 (0.30)	Schreuder92 (0.31)	LimRX04 (0.31)	Musliu05 (0.32)
Dot	Froger16 (83.00)	Lemos21 (82.00)	KendallKRU10 (79.00)	ZarandiASC20 (78.00)	IsikYA23 (76.00)
Cosine	KletzanderMH21 (0.82)	Ribeiro12 (0.63)	KendallKRU10 (0.60)	KletzanderM17 (0.58)	BourreauGGLT22 (0.55)
KletzanderMH21 R&C					
Euclid	KletzanderM20 (0.21)	FeldmanG89 (0.29)	CestaOS98 (0.30)	Schreuder92 (0.30)	GelainPRVW17 (0.30)
Dot	Lemos21 (87.00)	ZarandiASC20 (83.00)	KendallKRU10 (77.00)	Froger16 (73.00)	Astrand21 (70.00)
Cosine	KletzanderM20 (0.82)	FallahiAC20 (0.64)	BourreauGGLT22 (0.63)	KendallKRU10 (0.61)	LiuLH19 (0.60)
KoehlerBFFHPSSS21 R&C	ColT19 (0.95)	MelgarejoLS15 (0.97)	TanT18 (0.97)	WuBB09 (0.98)	FrohnerTR19 (0.98)
Euclid	MelgarejoLS15 (0.51)	WallaceY20 (0.52)	BukchinR18 (0.53)	KuB16 (0.53)	abs-1901-07914 (0.53)
Dot	Dejemeppe16 (191.00)	Godet21a (188.00)	Groleaz21 (188.00)	Malapert11 (187.00)	ColT22 (170.00)
Cosine	ColT22 (0.61)	MelgarejoLS15 (0.61)	WallaceY20 (0.61)	MullerMKP22 (0.60)	KovacsTKSG21 (0.58)
KonowalenkoMM19 R&C					
Euclid	BarlattCG08 (0.26)	BeniniBGM05a (0.27)	Baptiste09 (0.28)	Touraivane95 (0.28)	CarchraeBF05 (0.29)
Dot	ZarandiASC20 (62.00)	HarjunkoskiMBC14 (61.00)	Groleaz21 (58.00)	ColT22 (57.00)	Simonis07 (56.00)
Cosine	BeniniBGM05a (0.60)	BarlattCG08 (0.59)	RodosekWH99 (0.55)	Darby-DowmanLMZ97 (0.54)	RenT09 (0.52)
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 (0.29)	BocewiczBB09 (0.29)	ValleMGT03 (0.30)	GetoorOFC97 (0.30)	DoRZ08 (0.30)
Dot	Groleaz21 (101.00)	Astrand21 (99.00)	Lombardi10 (97.00)	BonfiettiLBM14 (95.00)	Fahimi16 (95.00)
Cosine	BonfiettiLBM14 (0.73)	AstrandJZ18 (0.71)	GetoorOFC97 (0.70)	BonfiettiLBM12 (0.70)	BocewiczBB09 (0.69)
KoschB14 R&C	MalapertGR12 (0.82)	TangB20 (0.83)	LetortCB13 (0.89)	KameugneFSN14 (0.89)	Beck10 (0.90)
Euclid	MalapertGR12 (0.27)	HamFC17 (0.32)	Beck10 (0.33)	ChuX05 (0.34)	BillautHL12 (0.34)
Dot	Malapert11 (150.00)	Groleaz21 (150.00)	ZarandiASC20 (139.00)	Baptiste02 (134.00)	MalapertGR12 (131.00)
Cosine	MalapertGR12 (0.84)	HamFC17 (0.75)	Beck10 (0.71)	BillautHL12 (0.70)	WatsonB08 (0.70)
KotaryFH22 R&C					
Euclid	IklassovMR023 (0.26)	HeipckeCCS00 (0.31)	KovacsV06 (0.31)	FontaineMH16 (0.32)	DilkinaDH05 (0.32)
Dot	ZarandiASC20 (122.00)	Groleaz21 (120.00)	Lombardi10 (117.00)	JainM99 (117.00)	Astrand21 (114.00)
Cosine	IklassovMR023 (0.81)	HeipckeCCS00 (0.74)	CarchraeB09 (0.72)	KhayatLR06 (0.72)	FontaineMH16 (0.72)
KovacsB07 R&C	KovacsB11 (0.68)	KovacsB08 (0.88)	KovacsV06 (0.95)	KovacsV04 (0.96)	BeldiceanuC01 (0.97)
Euclid	KovacsB11 (0.21)	KovacsB08 (0.26)	HanenKP21 (0.34)	Vilim09 (0.35)	Wolf05 (0.35)
Dot	KovacsB11 (154.00)	Baptiste02 (154.00)	Groleaz21 (148.00)	Dejemeppe16 (141.00)	ZarandiASC20 (137.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	KovacsB11 (0.92)	KovacsB08 (0.83)	BonninMNE24 (0.73)	HanenKP21 (0.73)	ArtiguesLH13 (0.72)
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)	KovacsB11 (0.30)	ClautiauxJCM08 (0.31)
Dot	Dejemeppe16 (132.00)	Lombardi10 (129.00)	KovacsB11 (127.00)	Malapert11 (127.00)	Baptiste02 (127.00)
Cosine	KovacsB07 (0.83)	KovacsB11 (0.83)	Vilim09a (0.77)	ClautiauxJCM08 (0.75)	Vilim09 (0.74)
KovacsB11 R&C	KovacsB07 (0.68)	KovacsB08 (0.80)	MonetteDH09 (0.92)	WariZ19 (0.93)	SchausHMCMD11 (0.94)
Euclid	KovacsB07 (0.21)	KovacsB08 (0.30)	BonninMNE24 (0.36)	MonetteDH09 (0.37)	TanSD10 (0.37)
Dot	Baptiste02 (198.00)	Groleaz21 (191.00)	ZarandiASC20 (185.00)	Dejemeppe16 (183.00)	Lombardi10 (172.00)
Cosine	KovacsB07 (0.92)	KovacsB08 (0.83)	BonninMNE24 (0.78)	TerekhovDOB12 (0.76)	GokgurHO18 (0.75)
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)	Baptiste09 (0.14)	AngelsmarkJ00 (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)	Tsang03 (0.68)	AngelsmarkJ00 (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 (0.34)	PinarbasiAY19 (0.35)	ValleMGT03 (0.35)	QuirogaZH05 (0.36)
Dot	Dejemeppe16 (148.00)	Groleaz21 (148.00)	ZarandiASC20 (138.00)	Malapert11 (130.00)	Astrand21 (128.00)
Cosine	PengLC14 (0.78)	PinarbasiAY19 (0.70)	BartakSR08 (0.69)	KanetAG04 (0.68)	ChenGPSH10 (0.67)
KovacsTKSG21 R&C					
Euclid	HeipckeCCS00 (0.34)	Tassel22 (0.35)	KovacsV06 (0.36)	Caseau97 (0.37)	CarchraeB09 (0.37)
Dot	Groleaz21 (173.00)	Dejemeppe16 (148.00)	ZarandiASC20 (145.00)	Baptiste02 (138.00)	Lombardi10 (136.00)
Cosine	abs-2211-14492 (0.74)	HeipckeCCS00 (0.73)	abs-2402-00459 (0.71)	Tassel22 (0.70)	KovacsV06 (0.69)
KovacsV04 R&C	ZhangLS12 (0.75)	QuirogaZH05 (0.80)	Geske05 (0.80)	LimtanyakulS12 (0.82)	EvenSH15 (0.83)
Euclid	Bartak02a (0.21)	KovacsV06 (0.23)	Caseau97 (0.25)	ChuGNSW13 (0.25)	MalapertCGJLR13 (0.26)
Dot	Baptiste02 (132.00)	Lombardi10 (129.00)	Schutt11 (127.00)	Godet21a (127.00)	Dejemeppe16 (126.00)
Cosine	Bartak02a (0.86)	KovacsV06 (0.83)	BartakSR08 (0.81)	DemasseyAM05 (0.80)	Caseau97 (0.80)
KovacsV06 R&C	Vilim03 (0.67)	SchuttS16 (0.80)	KovacsEKV05 (0.80)	KovacsV04 (0.89)	KreterSS17 (0.94)
Euclid	HeipckeCCS00 (0.22)	KovacsV04 (0.23)	Caseau97 (0.24)	BeckPS03 (0.25)	CarchraeB09 (0.26)
Dot	Groleaz21 (122.00)	Dejemeppe16 (121.00)	Baptiste02 (120.00)	LaborieRSV18 (118.00)	Lombardi10 (113.00)
Cosine	HeipckeCCS00 (0.85)	BeckPS03 (0.83)	KovacsV04 (0.83)	CarchraeB09 (0.81)	PengLC14 (0.80)
KreterSS15 R&C	KreterSS17 (0.56)	SzerediS16 (0.68)	SchuttFS13 (0.68)	SchuttCSW12 (0.70)	SchuttFSW15 (0.76)
Euclid	KreterSS17 (0.27)	KreterSSZ18 (0.28)	SzerediS16 (0.30)	YoungFS17 (0.30)	SchuttS16 (0.31)
Dot	KreterSS17 (147.00)	Godet21a (140.00)	Schutt11 (132.00)	KreterSSZ18 (128.00)	Caballero19 (126.00)
Cosine	KreterSS17 (0.87)	KreterSSZ18 (0.83)	SzerediS16 (0.78)	YoungFS17 (0.78)	abs-1009-0347 (0.76)
KreterSS17 R&C	KreterSS15 (0.56)	KreterSSZ18 (0.79)	SchuttFSW15 (0.80)	YoungFS17 (0.81)	SchuttCSW12 (0.82)
Euclid	KreterSS15 (0.27)	KreterSSZ18 (0.30)	SzerediS16 (0.37)	abs-1009-0347 (0.37)	YoungFS17 (0.37)
Dot	Schutt11 (175.00)	Caballero19 (166.00)	Godet21a (165.00)	LaborieRSV18 (162.00)	Lombardi10 (161.00)
Cosine	KreterSS15 (0.87)	KreterSSZ18 (0.84)	SzerediS16 (0.75)	abs-1009-0347 (0.75)	YoungFS17 (0.74)
KreterSSZ18 R&C	KreterSS17 (0.79)	SchnellH15 (0.80)	SchnellH17 (0.81)	KreterSS15 (0.84)	EdwardsBSE19 (0.87)
Euclid	KreterSS15 (0.28)	KreterSS17 (0.30)	SzerediS16 (0.31)	YoungFS17 (0.31)	SchuttFSW13 (0.32)
Dot	KreterSS17 (159.00)	Schutt11 (154.00)	Godet21a (149.00)	Lombardi10 (147.00)	Caballero19 (147.00)
Cosine	KreterSS17 (0.84)	KreterSS15 (0.83)	SchuttFSW13 (0.80)	SzerediS16 (0.80)	YoungFS17 (0.80)
KrogtLPHJ07 R&C	Wolf05 (0.91)	TanSD10 (0.93)	MonetteDD07 (0.93)	BosiM2001 (0.93)	SourdN00 (0.94)
Euclid	FoxAS82 (0.25)	ZibranR11 (0.26)	ZibranR11a (0.26)	WallaceF00 (0.26)	BonfiettiM12 (0.26)
Dot	ZarandiASC20 (83.00)	Lombardi10 (79.00)	HarjunkoskiMBC14 (78.00)	Dejemeppe16 (77.00)	Beck99 (76.00)
Cosine	HarjunkoskiG02 (0.69)	OddiS97 (0.69)	ZeballosM09 (0.69)	PolicellaWSO05 (0.68)	KhayatLR06 (0.67)
KuB16 R&C	ColT2019a (0.87)	ColT19 (0.89)	ColT22 (0.89)	GrimesHM09 (0.90)	WatsonB08 (0.90)
Euclid	WatsonB08 (0.32)	TanSD10 (0.32)	FontaineMH16 (0.32)	BillautHL12 (0.34)	ArtiguesBF04 (0.34)
Dot	Groleaz21 (129.00)	NaderiRR23 (127.00)	Malapert11 (116.00)	GrimesH11 (111.00)	GrimesH15 (110.00)
Cosine	TanSD10 (0.72)	WatsonB08 (0.71)	ArtiguesBF04 (0.71)	FontaineMH16 (0.70)	GrimesH11 (0.70)
Kuchcinski03 R&C	KuchcinskiW03 (0.89)	Colombani96 (0.90)	Goltz95 (0.91)	BeldiceanuC94 (0.94)	DorndorfHP99 (0.94)
Euclid	KuchcinskiW03 (0.39)	GruianK98 (0.39)	DincbasSH90 (0.39)	ChuGNSW13 (0.39)	LozanoCDS12 (0.40)
Dot	Malapert11 (154.00)	Dejemeppe16 (152.00)	Lombardi10 (149.00)	Schutt11 (149.00)	Groleaz21 (143.00)
Cosine	KuchcinskiW03 (0.68)	GruianK98 (0.67)	TrojetHL11 (0.66)	DincbasSH90 (0.66)	ChuGNSW13 (0.66)
KuchcinskiW03 R&C	Kuchcinski03 (0.89)	BeniniLMR08 (0.92)	ZhangLS12 (0.95)	QuirogaZH05 (0.95)	Geske05 (0.95)
Euclid	MalikMB08 (0.20)	WolinskiKG04 (0.22)	LozanoCDS12 (0.23)	BegB13 (0.24)	LiuLH19 (0.24)
Dot	Caballero19 (80.00)	Lombardi10 (78.00)	Groleaz21 (77.00)	Kuchcinski03 (77.00)	BonfiettiLBM14 (76.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	MalikMB08 (0.81)	WolinskiKG04 (0.77)	BegB13 (0.76)	LozanoCDS12 (0.76)	Malik08 (0.75)
KucukY19 R&C	SquillaciPR23 (0.97)				
Euclid	FrankDT16 (0.24)	VerfaillieL01 (0.25)	GomesHS06 (0.26)	AkramNHRSA23 (0.26)	QuSN06 (0.27)
Dot	Groleaz21 (84.00)	Astrand21 (80.00)	ZarandiASC20 (79.00)	Froger16 (78.00)	LaborieRSV18 (76.00)
Cosine	VerfaillieL01 (0.74)	SquillaciPR23 (0.72)	FrankDT16 (0.72)	PraletLJ15 (0.67)	AkramNHRSA23 (0.67)
Kumar03 R&C	LombardiM09 (0.84)	Muscettola02 (0.89)	BeldiceanuP07 (0.89)	BofillCSV17a (0.90)	LouieVNB14 (0.91)
Euclid	CestaOS98 (0.20)	LiuJ06 (0.20)	Caballero23 (0.20)	KovacsEKV05 (0.21)	Baptiste09 (0.22)
Dot	LombardiMRB10 (42.00)	Caballero19 (40.00)	Simonis07 (39.00)	RuggieroBBMA09 (39.00)	Malapert11 (39.00)
Cosine	WolinskiKG04 (0.63)	KuchcinskiW03 (0.63)	LozanoCDS12 (0.63)	CestaOS98 (0.62)	LiuJ06 (0.62)
KusterJF07 R&C					
Euclid	BofillCSV17a (0.26)	LombardiM13 (0.27)	BhatnagarKL19 (0.28)	KeriK07 (0.28)	BofillCSV17 (0.29)
Dot	ZarandiASC20 (122.00)	Groleaz21 (112.00)	Lombardi10 (109.00)	Baptiste02 (109.00)	LombardiM12 (108.00)
Cosine	BofillCSV17a (0.78)	LombardiM13 (0.74)	BhatnagarKL19 (0.73)	KeriK07 (0.72)	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 (0.35)	VilimBC05 (0.35)	BaptisteP00 (0.35)	DemasseyAM05 (0.35)
Dot	Baptiste02 (183.00)	Lombardi10 (172.00)	Malapert11 (172.00)	Fahimi16 (172.00)	Schutt11 (164.00)
Cosine	BaptisteP00 (0.76)	BeckDSF97 (0.75)	BaptisteP97 (0.75)	DemasseyAM05 (0.75)	VilimBC05 (0.74)
Laborie05 R&C					
Euclid	DemasseyAM05 (0.27)	CestaOF99 (0.29)	LiessM08 (0.29)	BofillCSV17a (0.30)	VilimLS15 (0.31)
Dot	Schutt11 (157.00)	Godet21a (151.00)	Baptiste02 (149.00)	Groleaz21 (148.00)	Siala15a (142.00)
Cosine	DemasseyAM05 (0.83)	VilimLS15 (0.81)	CestaOF99 (0.79)	LiessM08 (0.79)	BofillCSV17a (0.78)
Laborie09 R&C	DannaP03 (0.79)	PerronSF04 (0.88)	GrimesH11 (0.88)	Mercier-AubinGQ20 (0.93)	CarchraeB09 (0.94)
Euclid	MonetteDH09 (0.33)	LaborieR14 (0.33)	Hooker05a (0.34)	PraletLJ15 (0.34)	Limtanyakul07 (0.34)
Dot	LaborieRSV18 (155.00)	Dejemeppe16 (152.00)	Groleaz21 (152.00)	ZarandiASC20 (139.00)	Baptiste02 (135.00)
Cosine	MonetteDH09 (0.75)	LaborieR14 (0.74)	LaborieRSV18 (0.69)	KhayatLR06 (0.69)	AwadMDMT22 (0.69)
Laborie18a R&C	ColT19 (0.83)	ColT2019a (0.85)	LaborieRSV18 (0.85)	BoothTNB16 (0.87)	CappartTSR18 (0.89)
Euclid	Limtanyakul07 (0.25)	HookerY02 (0.26)	HeipckeCCS00 (0.28)	KovacsEKV05 (0.28)	LozanoCDS12 (0.29)
Dot	LaborieRSV18 (100.00)	Lombardi10 (98.00)	Dejemeppe16 (97.00)	Groleaz21 (92.00)	Baptiste02 (90.00)
Cosine	Limtanyakul07 (0.73)	HeipckeCCS00 (0.73)	HookerY02 (0.71)	Hooker06 (0.70)	LimtanyakulS12 (0.70)
LaborieR14 R&C	VilimLS15 (0.88)	ColT19 (0.89)	CappartS17 (0.89)	LaborieRSV18 (0.91)	Beck10 (0.93)
Euclid	HeipckeCCS00 (0.30)	MonetteDH09 (0.30)	KovacsV06 (0.32)	BeckPS03 (0.33)	LiessM08 (0.33)
Dot	LaborieRSV18 (170.00)	Groleaz21 (169.00)	ZarandiASC20 (148.00)	Baptiste02 (148.00)	Lombardi10 (147.00)
Cosine	MonetteDH09 (0.79)	HeipckeCCS00 (0.77)	BeckPS03 (0.75)	KovacsV06 (0.75)	BeckR03 (0.74)
LaborieRSV18 R&C	HamP21 (0.85)	Laborie18a (0.85)	VilimLS15 (0.87)	Ham18a (0.89)	LuoB22 (0.90)
Euclid	LaborieR14 (0.50)	VilimLS15 (0.52)	Laborie09 (0.53)	NovaraNH16 (0.54)	AstrandJZ20 (0.54)
Dot	Groleaz21 (270.00)	Dejemeppe16 (253.00)	ZarandiASC20 (245.00)	Astrand21 (240.00)	Lombardi10 (237.00)
Cosine	LaborieR14 (0.73)	VilimLS15 (0.70)	Laborie09 (0.69)	NovaraNH16 (0.67)	BidotVLB09 (0.67)
LacknerMMWW21 R&C					
Euclid	LacknerMMWW23 (0.22)	ColT2019a (0.47)	abs-2102-08778 (0.49)	GroleazNS20a (0.50)	ColT19 (0.50)
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 (0.51)	abs-2102-08778 (0.53)	WinterMMW22 (0.53)	ColT22 (0.53)
Dot	LacknerMMWW21 (240.00)	Groleaz21 (209.00)	Dejemeppe16 (200.00)	ColT22 (185.00)	Lunardi20 (183.00)
Cosine	LacknerMMWW21 (0.94)	ColT22 (0.66)	WinterMMW22 (0.62)	ColT2019a (0.60)	abs-1911-04766 (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 (0.29)	AkramNHRSA23 (0.29)	Limtanyakul07 (0.29)	MalapertCGJLR13 (0.30)
Dot	Groleaz21 (119.00)	Baptiste02 (113.00)	ZarandiASC20 (112.00)	Godet21a (109.00)	Malapert11 (107.00)
Cosine	HeipckeCCS00 (0.77)	ZhangYW21 (0.74)	EtminaniesfahaniGNMS22 (0.73)	KhayatLR06 (0.73)	GrimesH11 (0.72)
LammaMM97 R&C	Simonis95a (0.89)	Simonis99 (0.92)	BaptisteLV92 (0.92)	Zhou96 (0.93)	Goltz95 (0.93)
Euclid	BrusoniCLMMT96 (0.22)	DincbasSH90 (0.28)	Bartak02 (0.31)	Simonis95 (0.33)	ChuGNSW13 (0.33)
Dot	ZarandiASC20 (110.00)	Baptiste02 (108.00)	Wallace96 (103.00)	Malapert11 (103.00)	BartakSR10 (102.00)
Cosine	BrusoniCLMMT96 (0.85)	DincbasSH90 (0.76)	Bartak02 (0.72)	Wallace96 (0.71)	RodriguezS09 (0.68)
LarsonJC14 R&C	CarlssonJL17 (0.64)	RasmussenT06 (0.80)	RasmussenT09 (0.81)	Trick11 (0.86)	SuCC13 (0.87)
Euclid	RasmussenT06 (0.26)	EastonNT02 (0.26)	ZengM12 (0.26)	CarlssonJL17 (0.26)	NaqviAIAAA22 (0.27)
Dot	CarlssonJL17 (96.00)	KendallKRU10 (78.00)	HookerH17 (76.00)	RussellU06 (74.00)	Dejemeppe16 (74.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	CarlssonJL17 (0.82)	ZengM12 (0.76)	RasmussenT06 (0.75)	EastonNT02 (0.74)	RussellU06 (0.72)
LauLN08 R&C	GuSW12 (0.96)	GuSSWC14 (0.97)			
Euclid	CrawfordB94 (0.18)	HebrardTW05 (0.19)	FoxAS82 (0.20)	KovacsEKV05 (0.21)	CestaOS98 (0.21)
Dot	ZarandiASC20 (65.00)	Astrand21 (65.00)	Beck99 (64.00)	HarjunkoskiMBC14 (62.00)	AbreuN22 (61.00)
Cosine	CrawfordB94 (0.79)	FoxAS82 (0.73)	HebrardTW05 (0.72)	DoRZ08 (0.71)	KengY89 (0.71)
Layfield02 R&C					
Euclid	MaraveliasG04 (0.13)	Baptiste09 (0.15)	AbrilSB05 (0.19)	CarchraeBF05 (0.20)	KameugneF13 (0.20)
Dot	ZeballosNH11 (18.00)	KoehlerBFFHPSSS21 (15.00)	Menana11 (14.00)	ZeballosCM10 (14.00)	YounespourAKE19 (13.00)
Cosine	MaraveliasG04 (0.67)	Baptiste09 (0.47)	ZibranR11 (0.37)	Hooker17 (0.36)	HebrardALLCMR22 (0.36)
LeeKLKKYHP97 R&C					
Euclid	FortinZDF05 (0.19)	LombardiM13 (0.20)	ChapadosJR11 (0.22)	Bonfietti16 (0.23)	WallaceF00 (0.23)
Dot	ZarandiASC20 (63.00)	LaborieRSV18 (63.00)	Dejemeppe16 (62.00)	Astrand21 (60.00)	Lunardi20 (59.00)
Cosine	FortinZDF05 (0.77)	LombardiBMB11 (0.70)	LombardiM13 (0.70)	BeckPS03 (0.70)	LombardiM09 (0.69)
Lemos21 R&C					
Euclid	PourDERB18 (0.53)	KendallKRU10 (0.55)	PinarbasiAY19 (0.56)	MarliereSPR23 (0.57)	Salido10 (0.57)
Dot	ZarandiASC20 (227.00)	Dejemeppe16 (214.00)	Astrand21 (202.00)	Froger16 (202.00)	Groleaz21 (198.00)
Cosine	PourDERB18 (0.66)	KendallKRU10 (0.63)	LuZZYW24 (0.61)	PinarbasiAY19 (0.61)	MarliereSPR23 (0.60)
Letort13 R&C					
Euclid	LetortCB15 (0.32)	LetortBC12 (0.34)	LetortCB13 (0.35)	Derrien15 (0.36)	GayHS15a (0.39)
Dot	Malapert11 (185.00)	Schutt11 (171.00)	Fahimi16 (168.00)	Kameugne14 (156.00)	Godet21a (154.00)
Cosine	LetortCB15 (0.82)	LetortBC12 (0.79)	LetortCB13 (0.77)	Derrien15 (0.76)	Clercq12 (0.74)
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)	BeldiceanuP07 (0.30)	WolfS05 (0.31)	WolfS05a (0.31)
Dot	Letort13 (123.00)	LetortCB15 (122.00)	Malapert11 (122.00)	LetortCB13 (110.00)	Schutt11 (109.00)
Cosine	LetortCB13 (0.94)	LetortCB15 (0.92)	Letort13 (0.79)	BeldiceanuP07 (0.69)	WolfS05a (0.68)
LetortCB13 R&C	LetortCB15 (0.58)	LetortBC12 (0.68)	KameugneFSN11 (0.74)	OuelletQ13 (0.75)	KameugneFSN14 (0.80)
Euclid	LetortBC12 (0.14)	LetortCB15 (0.18)	BeldiceanuP07 (0.29)	WolfS05 (0.31)	BeldiceanuCP08 (0.31)
Dot	Malapert11 (121.00)	LetortCB15 (120.00)	Letort13 (118.00)	Schutt11 (114.00)	Godet21a (111.00)
Cosine	LetortBC12 (0.94)	LetortCB15 (0.92)	Letort13 (0.77)	GingrasQ16 (0.72)	BeldiceanuP07 (0.71)
LetortCB15 R&C	LetortCB13 (0.58)	LetortBC12 (0.69)	OuelletQ13 (0.71)	GayHS15a (0.77)	KameugneFSN14 (0.79)
Euclid	LetortBC12 (0.18)	LetortCB13 (0.18)	Letort13 (0.32)	GingrasQ16 (0.34)	DerrienP14 (0.35)
Dot	Malapert11 (142.00)	Letort13 (142.00)	Schutt11 (136.00)	Godet21a (130.00)	Dejemeppe16 (124.00)
Cosine	LetortCB13 (0.92)	LetortBC12 (0.92)	Letort13 (0.82)	GingrasQ16 (0.71)	ArkhipovBL19 (0.69)
LiFJZLL22 R&C	Fatemi-AnarakiTFV23 (0.95)	AbreuNP23 (0.96)	MurinR19 (0.96)	ParkUJR19 (0.97)	HamPK21 (0.97)
Euclid	JuvinHL23 (0.28)	HamP21 (0.31)	NovasH14 (0.32)	Teppan22 (0.32)	IklassovMR023 (0.33)
Dot	ZarandiASC20 (155.00)	Lunardi20 (140.00)	PrataAN23 (135.00)	IsikYA23 (135.00)	Astrand21 (134.00)
Cosine	JuvinHL23 (0.79)	CzerniachowskaWZ23 (0.75)	HamP21 (0.75)	NovasH14 (0.74)	OujanaAYB22 (0.74)
LiLZDZW24 R&C					
Euclid	WatsonBHW99 (0.26)	IklassovMR023 (0.28)	Tassel22 (0.30)	LauLN08 (0.31)	HebrardTW05 (0.32)
Dot	Astrand21 (91.00)	ZarandiASC20 (89.00)	IsikYA23 (89.00)	abs-2211-14492 (86.00)	Groleaz21 (86.00)
Cosine	WatsonBHW99 (0.76)	IklassovMR023 (0.75)	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	ZeballosM09 (0.34)	JainG01 (0.34)	BeckPS03 (0.35)	KhayatLR06 (0.35)	LiessM08 (0.35)
Dot	Lombardi10 (181.00)	Dejemeppe16 (169.00)	ZarandiASC20 (167.00)	Schutt11 (165.00)	Baptiste02 (165.00)
Cosine	ZeballosM09 (0.77)	JainG01 (0.76)	ZeballosNH11 (0.75)	BeckPS03 (0.75)	KhayatLR06 (0.74)
LiessM08 R&C	DemasseyAM05 (0.77)	NeronABCDD06 (0.79)	BruckerK00 (0.80)	ArkhipovBL19 (0.84)	KameugneFSN14 (0.88)
Euclid	DemasseyAM05 (0.22)	BofillCSV17a (0.23)	HeipckeCCS00 (0.25)	BenderWS21 (0.27)	YoungFS17 (0.28)
Dot	Schutt11 (147.00)	Lombardi10 (141.00)	Baptiste02 (139.00)	Godet21a (138.00)	Dejemeppe16 (135.00)
Cosine	DemasseyAM05 (0.88)	BofillCSV17a (0.84)	VilimLS15 (0.83)	BaptisteP97 (0.82)	HeipckeCCS00 (0.82)
LimAHO02a R&C					
Euclid	CarchraeBF05 (0.17)	AngelsmarkJ00 (0.18)	Tsang03 (0.18)	Baptiste09 (0.18)	FrostD98 (0.18)
Dot	Lemos21 (41.00)	Nuijten94 (39.00)	Astrand21 (39.00)	ZarandiASC20 (38.00)	KendallKRU10 (36.00)
Cosine	Schaerf97 (0.70)	YoshikawaKNW94 (0.69)	FeldmanG89 (0.60)	ShaikhK23 (0.57)	Tsang03 (0.57)
LimBTBB15 R&C	LimHTB16 (0.78)	GelainPRVW17 (0.80)	LimBTBB15a (0.86)	IfrimOS12 (0.90)	DannaP03 (0.90)
Euclid	LimHTB16 (0.22)	LimBTBB15a (0.26)	ZibranR11 (0.28)	BofillCGGPSV23 (0.28)	BofillGSV15 (0.29)
Dot	HarjunkoskiMBC14 (72.00)	LaborieRSV18 (70.00)	Astrand21 (69.00)	Dejemeppe16 (69.00)	ZarandiASC20 (68.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LimHTB16 (0.78)	LimBTBB15a (0.68)	CarchraeB09 (0.58)	BofillCGGPSV23 (0.57)	ZibranR11 (0.57)
LimBTBB15a R&C	LimBTBB15 (0.86)	IfrimOS12 (0.89)	RendlPHPR12 (0.94)	DannaP03 (0.96)	
Euclid	LimBTBB15 (0.26)	LimHTB16 (0.27)	BofillCGGPSV23 (0.28)	Baptiste09 (0.29)	ChapadosJR11 (0.29)
Dot	Lemos21 (55.00)	ZarandiASC20 (51.00)	LimBTBB15 (48.00)	LimHTB16 (47.00)	PrataAN23 (46.00)
Cosine	LimBTBB15 (0.68)	LimHTB16 (0.65)	BofillCGGPSV23 (0.53)	PesantRR15 (0.51)	ZhuS02 (0.49)
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 (0.27)	PesantRR15 (0.28)	ZibranR11a (0.28)
Dot	ZarandiASC20 (71.00)	Lombardi10 (70.00)	Astrand21 (68.00)	Beck99 (65.00)	Lemos21 (64.00)
Cosine	LimBTBB15 (0.78)	LimBTBB15a (0.65)	ZibranR11 (0.64)	GrimesIOS14 (0.62)	ZibranR11a (0.62)
LimRX04 R&C	ZampelliVSDR13 (0.92)	UnsalO13 (0.94)	GuSW12 (0.96)	ZarandiKS16 (0.97)	LombardiMB13 (0.97)
Euclid	Schreuder92 (0.21)	HebrardTW05 (0.22)	KletzanderM17 (0.23)	CarchraeBF05 (0.24)	AngelsmarkJ00 (0.24)
Dot	ZarandiASC20 (65.00)	Froger16 (63.00)	SacramentoSP20 (62.00)	Lunardi20 (59.00)	Astrand21 (58.00)
Cosine	Schreuder92 (0.66)	KletzanderM17 (0.64)	NattafDYW19 (0.61)	HebrardTW05 (0.61)	RendlPHPR12 (0.60)
Limtanyakul07 R&C	LimtanyakulS12 (0.73)	Davenport10 (0.80)	Vilim09 (0.86)	Vilim09a (0.86)	Beck10 (0.86)
Euclid	BockmayrP06 (0.22)	HookerY02 (0.23)	Sadykov04 (0.24)	MakMS10 (0.24)	Hooker17 (0.24)
Dot	Baptiste02 (89.00)	Lombardi10 (87.00)	BartakSR10 (86.00)	Dejemeppe16 (85.00)	ArtiguesLH13 (85.00)
Cosine	BockmayrP06 (0.78)	Colombani96 (0.77)	HeipckeCCS00 (0.76)	LimtanyakulS12 (0.76)	Sadykov04 (0.76)
LimtanyakulS12 R&C	Limtanyakul07 (0.73)	QuirogaZH05 (0.79)	ZhangLS12 (0.80)	KovacsV04 (0.82)	Geske05 (0.83)
Euclid	Limtanyakul07 (0.33)	ChuX05 (0.35)	Laborie18a (0.36)	HarjunkoskiG02 (0.37)	Hooker06 (0.37)
Dot	Lombardi10 (175.00)	Baptiste02 (158.00)	Dejemeppe16 (156.00)	Malapert11 (152.00)	Groleaz21 (149.00)
Cosine	Limtanyakul07 (0.76)	ChuX05 (0.71)	MercierH07 (0.71)	JainG01 (0.70)	HeinzSB13 (0.70)
LipovetzkyBPS14 R&C					
Euclid	NishikawaSTT18 (0.26)	NishikawaSTT18a (0.26)	BlomBPS14 (0.27)	BeniniBGM05a (0.28)	FortinZDF05 (0.29)
Dot	Lunardi20 (95.00)	LaborieRSV18 (95.00)	Malapert11 (90.00)	Groleaz21 (89.00)	Astrand21 (88.00)
Cosine	NishikawaSTT18 (0.76)	NishikawaSTT18a (0.75)	NishikawaSTT19 (0.71)	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 (0.28)	ZibranR11a (0.28)	ZhangLS12 (0.29)	ChapadosJR11 (0.30)	CohenHB17 (0.31)
Dot	Godet21a (100.00)	Dejemeppe16 (91.00)	Beck99 (89.00)	ColT22 (86.00)	Lemos21 (84.00)
Cosine	ZibranR11a (0.69)	ZibranR11 (0.69)	ZhangLS12 (0.65)	FallahiAC20 (0.65)	AstrandJZ18 (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)	Baptiste09 (0.17)	FrostD98 (0.17)	Davis87 (0.18)
Dot	Malapert11 (40.00)	Dejemeppe16 (39.00)	Astrand21 (38.00)	Lombardi10 (37.00)	Schutt11 (37.00)
Cosine	Rit86 (0.73)	LudwigKRBMS14 (0.72)	CarchraeBF05 (0.71)	CarlssonKA99 (0.70)	AngelsmarkJ00 (0.68)
LiuLH18 R&C	LiuLH19a (0.80)	LiuLH19 (0.92)	ZengM12 (0.92)	Balduccini11 (0.94)	CarlssonJL17 (0.95)
Euclid	EastonNT02 (0.26)	ElfJR03 (0.28)	NaqviAIAAA22 (0.29)	ZengM12 (0.29)	RasmussenT06 (0.29)
Dot	KendallKRU10 (77.00)	CarlssonJL17 (72.00)	ZarandiASC20 (65.00)	Godet21a (63.00)	ZengM12 (62.00)
Cosine	EastonNT02 (0.70)	ZengM12 (0.69)	NaqviAIAAA22 (0.66)	RasmussenT09 (0.65)	ElfJR03 (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 (0.24)	KuchcinskiW03 (0.24)	GarridoOS08 (0.26)
Dot	Godet21a (82.00)	Lemos21 (78.00)	Fahimi16 (78.00)	Dejemeppe16 (76.00)	German18 (75.00)
Cosine	GelainPRVW17 (0.80)	BandaSC11 (0.77)	KuchcinskiW03 (0.73)	GarridoAO09 (0.72)	LiuLH19a (0.72)
LiuLH19a R&C	LiuLH18 (0.80)	EastonNT02 (0.98)			
Euclid	ZhangLS12 (0.26)	LiuLH19 (0.27)	GelainPRVW17 (0.29)	BandaSC11 (0.29)	FeldmanG89 (0.31)
Dot	Siala15a (87.00)	Godet21a (85.00)	Schutt11 (79.00)	Dejemeppe16 (79.00)	Malapert11 (78.00)
Cosine	LiuLH19 (0.72)	ZhangLS12 (0.71)	RussellU06 (0.66)	GarridoAO09 (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 (0.30)	TrojetHL11 (0.32)	VanczaM01 (0.32)	AkramNHRSA23 (0.32)	PinarbasiAY19 (0.33)
Dot	ZarandiASC20 (155.00)	Groleaz21 (148.00)	Lombardi10 (145.00)	Astrand21 (133.00)	Dejemeppe16 (133.00)
Cosine	TrojetHL11 (0.75)	MakMS10 (0.74)	PinarbasiAY19 (0.73)	LombardiMB13 (0.71)	LiessM08 (0.70)
Lombardi10 R&C					
Euclid	LombardiM10a (0.51)	LombardiM12 (0.51)	LombardiMRB10 (0.54)	LombardiMB13 (0.56)	Beck99 (0.56)
Dot	Groleaz21 (298.00)	Baptiste02 (293.00)	Dejemeppe16 (292.00)	ZarandiASC20 (285.00)	Schutt11 (279.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LombardiM10a (0.77)	LombardiM12 (0.76)	LombardiMRB10 (0.73)	Schutt11 (0.72)	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 (0.24)	FortinZDF05 (0.25)	LombardiM13 (0.26)
Dot	ZarandiASC20 (118.00)	Lombardi10 (115.00)	Astrand21 (112.00)	LaborieRSV18 (109.00)	Godet21a (109.00)
Cosine	BonfiettiLM14 (0.89)	LombardiM12a (0.88)	LombardiM09 (0.81)	FortinZDF05 (0.78)	BofillCSV17 (0.77)
LombardiBMB11 R&C	BonfiettiLBM11 (0.60)	LombardiM13 (0.85)	LombardiM12a (0.85)	BonfiettiLBM14 (0.89)	BonfiettiLBM12 (0.92)
Euclid	BonfiettiLBM11 (0.17)	BonfiettiLM13 (0.22)	BonfiettiLBM12 (0.23)	BonfiettiZLM16 (0.27)	FortinZDF05 (0.27)
Dot	BonfiettiLBM14 (114.00)	Lombardi10 (114.00)	Astrand21 (109.00)	Schutt11 (108.00)	Groleaz21 (106.00)
Cosine	BonfiettiLBM11 (0.90)	BonfiettiLBM12 (0.84)	BonfiettiLM13 (0.84)	BonfiettiLBM14 (0.83)	BonfiettiZLM16 (0.79)
LombardiM09 R&C	LombardiM13 (0.80)	LombardiM12a (0.80)	LombardiM10 (0.83)	CestaOS98 (0.83)	Kumar03 (0.84)
Euclid	LombardiM10 (0.22)	LombardiM13 (0.22)	FortinZDF05 (0.23)	LombardiBM15 (0.24)	LombardiM12a (0.24)
Dot	Lombardi10 (114.00)	ZarandiASC20 (106.00)	Schutt11 (103.00)	SubulanC22 (100.00)	Dejemeppe16 (100.00)
Cosine	LombardiM10 (0.85)	LombardiM13 (0.82)	LombardiBM15 (0.81)	FortinZDF05 (0.80)	LombardiM12a (0.80)
LombardiM10 R&C	LombardiMB13 (0.80)	LombardiM09 (0.83)	LombardiM13 (0.88)	LombardiM12a (0.88)	AmadiniGM16 (0.89)
Euclid	LombardiM09 (0.22)	LombardiM13 (0.24)	CestaOF99 (0.24)	OddiRC10 (0.25)	GayHLS15 (0.27)
Dot	Lombardi10 (128.00)	Dejemeppe16 (116.00)	Baptiste02 (116.00)	Schutt11 (115.00)	Godet21a (115.00)
Cosine	LombardiM09 (0.85)	CestaOF99 (0.83)	LombardiM13 (0.82)	OddiRC10 (0.79)	TrojetHL11 (0.77)
LombardiM10a R&C	BartakCS10 (0.81)	LombardiMRB10 (0.86)	BeniniLMR11 (0.86)	LombardiM09 (0.91)	LombardiBM15 (0.91)
Euclid	LombardiMRB10 (0.32)	LombardiM10 (0.36)	OzturkTHO12 (0.37)	Pape94 (0.37)	BeniniLMR11 (0.37)
Dot	Lombardi10 (214.00)	Groleaz21 (175.00)	Baptiste02 (174.00)	Dejemeppe16 (164.00)	Astrand21 (163.00)
Cosine	LombardiMRB10 (0.81)	Lombardi10 (0.77)	LombardiM10 (0.74)	BartakSR08 (0.73)	BeniniLMR11 (0.72)
LombardiM12 R&C	CireCH13 (0.86)	CobanH11 (0.86)	CireCH16 (0.87)	Hooker07 (0.89)	Hooker05 (0.90)
Euclid	BaptistePP97 (0.42)	LiessM08 (0.43)	DemasseyAM05 (0.43)	GokPTGO23 (0.43)	BaptistePN99 (0.44)
Dot	Lombardi10 (249.00)	Groleaz21 (242.00)	Dejemeppe16 (234.00)	ZarandiASC20 (232.00)	Baptiste02 (231.00)
Cosine	Lombardi10 (0.76)	BaptistePP97 (0.75)	GokPTGO23 (0.73)	LiessM08 (0.72)	DemasseyAM05 (0.72)
LombardiM12a R&C	LombardiM13 (0.00)	LombardiM09 (0.80)	SchuttFSW13 (0.85)	LombardiBMB11 (0.85)	LombardiMB13 (0.86)
Euclid	BofillCSV17 (0.19)	LombardiBM15 (0.19)	BofillCSV17a (0.20)	LombardiM13 (0.21)	OddiRC10 (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)	BofillCSV17a (0.85)	LombardiM13 (0.83)	OddiRC10 (0.83)
LombardiM13 R&C	LombardiM12a (0.00)	LombardiM09 (0.80)	SchuttFSW13 (0.85)	LombardiBMB11 (0.85)	LombardiMB13 (0.86)
Euclid	Caballero23 (0.18)	OddiRC10 (0.18)	FortinZDF05 (0.19)	BonfiettiM12 (0.19)	BofillCSV17a (0.19)
Dot	Caballero19 (68.00)	Schutt11 (67.00)	Godet21a (67.00)	Lombardi10 (66.00)	Baptiste02 (65.00)
Cosine	OddiRC10 (0.86)	BofillCSV17a (0.86)	LombardiM12a (0.83)	BofillCSV17 (0.83)	LombardiM09 (0.82)
LombardiMB13 R&C	LombardiM10 (0.80)	LombardiM09 (0.85)	LombardiM13 (0.86)	LombardiM12a (0.86)	CestaOPS14 (0.88)
Euclid	LombardiMRB10 (0.31)	LombardiM09 (0.31)	LombardiM10 (0.31)	Vilim09a (0.32)	NishikawaSTT19 (0.32)
Dot	Lombardi10 (179.00)	Groleaz21 (159.00)	Dejemeppe16 (158.00)	Schutt11 (149.00)	ZarandiASC20 (148.00)
Cosine	LombardiMRB10 (0.81)	LombardiM09 (0.77)	LombardiM10 (0.77)	NishikawaSTT19 (0.74)	Vilim09a (0.74)
LombardiMRB10 R&C	BeniniBGM05 (0.78)	BeniniLMR08 (0.80)	BeniniLMMR08 (0.81)	CireCH13 (0.82)	BeniniLMR11 (0.82)
Euclid	LombardiMB13 (0.31)	LombardiM10a (0.32)	BeniniBGM06 (0.33)	BeniniLMR08 (0.34)	BeniniLMR11 (0.34)
Dot	Lombardi10 (201.00)	Astrand21 (158.00)	Groleaz21 (158.00)	ZarandiASC20 (157.00)	Baptiste02 (155.00)
Cosine	LombardiMB13 (0.81)	LombardiM10a (0.81)	BeniniBGM06 (0.77)	BeniniLMR11 (0.76)	BeniniLMR08 (0.76)
LopesCSM10 R&C	MouraSCL08 (0.52)	MouraSCL08a (0.60)	MagataoAN05 (0.92)	FelizariAL09 (0.92)	Henz01 (0.96)
Euclid	MouraSCL08 (0.26)	MouraSCL08a (0.28)	PesantGPR99 (0.35)	Pape94 (0.36)	GilesH16 (0.36)
Dot	HarjunkoskiMBC14 (137.00)	Beck99 (136.00)	Lombardi10 (135.00)	Astrand21 (132.00)	Malapert11 (126.00)
Cosine	MouraSCL08 (0.83)	MouraSCL08a (0.80)	Pape94 (0.68)	ZeballosM09 (0.67)	GoelSHFS15 (0.66)
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 (0.31)	QinWSLS21 (0.32)	ParkUJR19 (0.33)	HebrardHJMPV16 (0.33)
Dot	Lunardi20 (117.00)	Groleaz21 (113.00)	Malapert11 (110.00)	AbreuNP23 (109.00)	Baptiste02 (108.00)
Cosine	JuvinHL23 (0.71)	QinWSLS21 (0.71)	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 (0.20)	ChapadosJR11 (0.23)	LudwigKRBMS14 (0.24)	WallaceF00 (0.25)	LeeKLKKYHP97 (0.25)
Dot	Dejemeppe16 (66.00)	LaborieRSV18 (65.00)	ZarandiASC20 (63.00)	Astrand21 (62.00)	ZeballosCM10 (61.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	FukunagaHFAMN02 (0.73)	NovasH14 (0.69)	NovasH12 (0.66)	AstrandJZ18 (0.65)	MorgadoM97 (0.65)
LozanoCDS12 R&C	MalikMB08 (0.95)	SimoninAHL12 (0.95)	BeldiceanuC02 (0.95)	Kuchcinski03 (0.95)	LetortCB15 (0.95)
Euclid	KuchcinskiW03 (0.23)	BeniniBGM05a (0.23)	BockmayrP06 (0.24)	AlakaPY19 (0.24)	WolfS05 (0.25)
Dot	Malapert11 (91.00)	Dejemeppe16 (86.00)	Lombardi10 (86.00)	LaborieRSV18 (85.00)	HarjunkoskiMBC14 (85.00)
Cosine	KuchcinskiW03 (0.76)	BeniniBGM06 (0.76)	BockmayrP06 (0.75)	Alaka21 (0.74)	AlakaPY19 (0.74)
LuZZYW24 R&C					
Euclid	CilKLO22 (0.42)	PinarbasiAY19 (0.43)	AbidinK20 (0.43)	Alaka21 (0.44)	LiuW11 (0.45)
Dot	ZarandiASC20 (200.00)	Froger16 (190.00)	Astrand21 (180.00)	Groleaz21 (170.00)	Lombardi10 (169.00)
Cosine	CilKLO22 (0.70)	SacramentoSP20 (0.67)	Froger16 (0.67)	PinarbasiAY19 (0.66)	AbidinK20 (0.65)
LudwigKRBMS14 R&C					
Euclid	FukunagaHFAMN02 (0.18)	AngelsmarkJ00 (0.18)	LiuJ06 (0.18)	Rit86 (0.20)	WallaceF00 (0.21)
Dot	Astrand21 (55.00)	Lombardi10 (53.00)	Malapert11 (52.00)	Groleaz21 (52.00)	LaborieRSV18 (51.00)
Cosine	FukunagaHFAMN02 (0.75)	SimoninAHL15 (0.74)	SimoninAHL12 (0.73)	AngelsmarkJ00 (0.73)	LiuJ06 (0.72)
Lunardi20 R&C					
Euclid	LunardiBLRV20 (0.52)	YunusogluY22 (0.52)	AfsarVPG23 (0.53)	MengZRZL20 (0.53)	Novas19 (0.53)
Dot	ZarandiASC20 (325.00)	Groleaz21 (293.00)	Astrand21 (264.00)	Dejemeppe16 (263.00)	IsikYA23 (246.00)
Cosine	LunardiBLRV20 (0.73)	YunusogluY22 (0.73)	IsikYA23 (0.72)	MengZRZL20 (0.72)	AfsarVPG23 (0.72)
LunardiBLRV20 R&C	HamC16 (0.88)	NaderiR22 (0.88)	HamP21 (0.89)	MengZRZL20 (0.89)	HeinzNVH22 (0.89)
Euclid	MurinR19 (0.36)	JuvinHL23 (0.36)	ZhangW18 (0.37)	BillautHL12 (0.37)	CauwelaertDMS16 (0.37)
Dot	Lunardi20 (189.00)	Groleaz21 (155.00)	Astrand21 (151.00)	ZarandiASC20 (150.00)	NaderiRR23 (149.00)
Cosine	ZhangW18 (0.75)	MurinR19 (0.73)	Lunardi20 (0.73)	HamPK21 (0.72)	Novas19 (0.71)
LuoB22 R&C	LaborieRSV18 (0.90)	ColT19 (0.93)	BeldiceanuCDP11 (0.94)	BeldiceanuCP08 (0.95)	Laborie18a (0.95)
Euclid	Balduccini11 (0.36)	HookerY02 (0.36)	Madi-WambaLOBM17 (0.36)	KhemmoudjPB06 (0.36)	PerezGSL23 (0.36)
Dot	Malapert11 (109.00)	Lombardi10 (102.00)	LaborieRSV18 (100.00)	Dejemeppe16 (100.00)	Lemos21 (100.00)
Cosine	Madi-WambaLOBM17 (0.65)	Balduccini11 (0.61)	PerezGSL23 (0.59)	abs-2312-13682 (0.59)	HookerY02 (0.59)
LuoVLBM16 R&C					
Euclid	BridiLBBM16 (0.22)	LauLN08 (0.23)	FoxAS82 (0.23)	HebrardTW05 (0.23)	CrawfordB94 (0.23)
Dot	ZarandiASC20 (69.00)	Siala15a (62.00)	SenderovichBB19 (61.00)	Godet21a (61.00)	Dejemeppe16 (61.00)
Cosine	BridiLBBM16 (0.73)	FoxAS82 (0.68)	CrawfordB94 (0.68)	LauLN08 (0.67)	Vilim05 (0.67)
Madi-WambaB16 R&C					
Euclid	LudwigKRBMS14 (0.23)	Caseau97 (0.24)	AngelsmarkJ00 (0.24)	Rit86 (0.25)	ChuGNSW13 (0.26)
Dot	Godet21a (81.00)	Dejemeppe16 (80.00)	Beck99 (78.00)	Malapert11 (76.00)	Schutt11 (76.00)
Cosine	Caseau97 (0.72)	KovacsV04 (0.71)	LudwigKRBMS14 (0.71)	AngelsmarkJ00 (0.71)	KovacsV06 (0.70)
Madi-WambaLOBM17 R&C	GayHS15 (0.88)	DerrienPZ14 (0.89)	GayHS15a (0.90)	OuelletQ13 (0.91)	LetortCB15 (0.91)
Euclid	ChuGNSW13 (0.26)	Bartak02a (0.28)	MurphyMB15 (0.28)	BoothNB16 (0.28)	Pape94 (0.29)
Dot	Lombardi10 (121.00)	Beck99 (120.00)	Baptiste02 (118.00)	Dejemeppe16 (117.00)	Godet21a (115.00)
Cosine	ChuGNSW13 (0.79)	Pape94 (0.77)	Bartak02a (0.77)	KovacsV04 (0.76)	BoothNB16 (0.75)
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)	WuBB05 (0.19)	AngelsmarkJ00 (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 (0.24)	Alaka21 (0.27)	VanczaM01 (0.28)	LauLN08 (0.28)	Sadykov04 (0.28)
Dot	Beck99 (101.00)	Astrand21 (100.00)	ZarandiASC20 (99.00)	Groleaz21 (96.00)	BeckDDF98 (96.00)
Cosine	PinarbasiAY19 (0.75)	Limtanyakul07 (0.75)	ZeballosH05 (0.74)	LiuW11 (0.74)	PengLC14 (0.74)
Malapert11 R&C					
Euclid	Fahimi16 (0.57)	MalapertCGJLR12 (0.58)	GrimesH15 (0.59)	GokgurHO18 (0.60)	FahimiOQ18 (0.60)
Dot	Dejemeppe16 (319.00)	Baptiste02 (303.00)	Groleaz21 (298.00)	Fahimi16 (285.00)	ZarandiASC20 (282.00)
Cosine	Fahimi16 (0.73)	MalapertCGJLR12 (0.70)	GrimesH15 (0.69)	Schutt11 (0.68)	Dejemeppe16 (0.68)
MalapertCGJLR12 R&C	MejiaY20 (0.77)	GrimesHM09 (0.78)	AbreuAPNM21 (0.83)	JussienL02 (0.86)	MonetteDD07 (0.88)
Euclid	MalapertCGJLR13 (0.30)	GrimesHM09 (0.33)	TanSD10 (0.34)	GrimesH10 (0.35)	OddiRCS11 (0.35)
Dot	Groleaz21 (210.00)	Malapert11 (208.00)	Dejemeppe16 (188.00)	Schutt11 (186.00)	GrimesH15 (185.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	MalapertCGJLR13 (0.85)	GrimesHM09 (0.80)	TanSD10 (0.78)	GrimesH10 (0.78)	GrimesH15 (0.78)
MalapertCGJLR13 R&C					
Euclid	KovacsV04 (0.26)	Caseau97 (0.26)	HeipckeCCS00 (0.28)	BartakSR08 (0.28)	Bartak02a (0.28)
Dot	Groleaz21 (138.00)	Malapert11 (134.00)	Baptiste02 (131.00)	ZarandiASC20 (128.00)	Godet21a (125.00)
Cosine	MalapertCGJLR12 (0.85)	BartakSR08 (0.82)	GrimesHM09 (0.80)	KovacsV04 (0.80)	GrimesH10 (0.79)
MalapertGR12 R&C	KoschB14 (0.82)	TangB20 (0.86)	LacknerMMWW23 (0.89)	HamFC17 (0.92)	ZeballosNH11 (0.96)
Euclid	KoschB14 (0.27)	Sadykov04 (0.35)	PengLC14 (0.37)	Bedhief21 (0.38)	Limtanyakul07 (0.38)
Dot	Malapert11 (169.00)	Groleaz21 (161.00)	ZarandiASC20 (160.00)	Dejemeppe16 (153.00)	Baptiste02 (151.00)
Cosine	KoschB14 (0.84)	Sadykov04 (0.72)	Bedhief21 (0.70)	PengLC14 (0.69)	HamFC17 (0.67)
MalapertN19 R&C	NattafDYW19 (0.75)	NattafM20 (0.92)	TangB20 (0.95)	GokgurHO18 (0.98)	EmdeZD22 (0.98)
Euclid	NattafM20 (0.24)	NattafDYW19 (0.34)	Ham18a (0.34)	ArbaouiY18 (0.36)	GedikKEK18 (0.37)
Dot	Groleaz21 (153.00)	NaderiRR23 (152.00)	YunusogluY22 (135.00)	ZarandiASC20 (135.00)	Lunardi20 (134.00)
Cosine	NattafM20 (0.88)	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 (0.32)
Dot	Dejemeppe16 (130.00)	Lombardi10 (126.00)	Fahimi16 (122.00)	Caballero19 (121.00)	Groleaz21 (120.00)
Cosine	MalikMB08 (0.82)	BegB13 (0.82)	KuchcinskiW03 (0.75)	OddiPCC03 (0.74)	PinarbasiAY19 (0.70)
MalikMB08 R&C	BegB13 (0.88)	ErtlK91 (0.89)	KovacsV04 (0.89)	Davenport10 (0.90)	LimtanyakulS12 (0.91)
Euclid	BegB13 (0.20)	KuchcinskiW03 (0.20)	ErtlK91 (0.23)	Malik08 (0.25)	LozanoCDS12 (0.25)
Dot	Malik08 (81.00)	Caballero19 (80.00)	Dejemeppe16 (78.00)	Siala15a (75.00)	Kuchcinski03 (75.00)
Cosine	BegB13 (0.84)	Malik08 (0.82)	KuchcinskiW03 (0.81)	ErtlK91 (0.75)	LozanoCDS12 (0.72)
MaraveliasCG04 R&C	RoePS05 (0.68)	HarjunkoskiG02 (0.77)	MaraveliasG04 (0.77)	JainG01 (0.84)	ZeballosNH11 (0.85)
Euclid	ZeballosM09 (0.28)	AstrandJZ18 (0.31)	ZibranR11a (0.31)	QuirogaZH05 (0.31)	GilesH16 (0.31)
Dot	Malapert11 (123.00)	LaborieRSV18 (121.00)	HarjunkoskiMBC14 (121.00)	Astrand21 (119.00)	Dejemeppe16 (119.00)
Cosine	ZeballosM09 (0.79)	ZeballosNH11 (0.74)	QuirogaZH05 (0.73)	AstrandJZ18 (0.72)	Hooker07 (0.72)
MaraveliasG04 R&C	MaraveliasCG04 (0.77)	HamdiL13 (0.81)	CobanH10 (0.83)	ChuX05 (0.86)	CireCH13 (0.86)
Euclid	Baptiste09 (0.13)	Layfield02 (0.13)	KameugneF13 (0.13)	AbrilSB05 (0.14)	CarchraeBF05 (0.16)
Dot	Layfield02 (6.00)	ZeballosNH11 (4.00)	BeldiceanuC94 (4.00)	KorbaaYG99 (2.00)	Froger16 (2.00)
Cosine	Layfield02 (0.67)	BeldiceanuC94 (0.17)	ZeballosNH11 (0.15)	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 (0.36)	Rodriguez07b (0.36)	Rodriguez07 (0.36)	RodriguezS09 (0.37)	NishikawaSTT19 (0.39)
Dot	ZarandiASC20 (148.00)	Lombardi10 (145.00)	Lemos21 (143.00)	LaborieRSV18 (142.00)	Astrand21 (138.00)
Cosine	CappartS17 (0.73)	Rodriguez07b (0.72)	Rodriguez07 (0.71)	RodriguezS09 (0.71)	Pape94 (0.67)
MartinPY01 R&C	YunG02 (0.93)	RussellU06 (0.97)	NovasH14 (0.98)	HenzMT04 (0.98)	GoelSHFS15 (0.98)
Euclid	Touraivane95 (0.27)	FalaschiGMP97 (0.28)	Acuna-AgostMFG09 (0.28)	PesantGPR99 (0.29)	JelinekB16 (0.31)
Dot	ZarandiASC20 (84.00)	Lemos21 (80.00)	Baptiste02 (78.00)	Wallace96 (76.00)	Froger16 (75.00)
Cosine	Touraivane95 (0.69)	LammaMM97 (0.65)	PesantGPR99 (0.65)	FalaschiGMP97 (0.64)	Acuna-AgostMFG09 (0.63)
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)	ChapadosJR11 (0.32)	HebrardALLCMR22 (0.32)	CarchraeBF05 (0.32)	BofillGSV15 (0.32)
Dot	ZarandiASC20 (74.00)	MilanoW09 (68.00)	MilanoW06 (68.00)	QinDS16 (63.00)	BourreauGGLT22 (63.00)
Cosine	Gronkvist06 (0.60)	BourreauGGLT22 (0.59)	ZibranR11 (0.56)	HachemiGR11 (0.55)	QinDS16 (0.53)
Mehdizadeh-Somarin23 R&C					
Euclid	JuvinHL23 (0.30)	BillautHL12 (0.31)	TanT18 (0.33)	LiFJZLL22 (0.34)	WatsonB08 (0.34)
Dot	ZarandiASC20 (154.00)	Groleaz21 (153.00)	Lunardi20 (142.00)	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)	AbreuN22 (0.37)	AbreuPNF23 (0.38)	AbreuNP23 (0.38)	AfsarVPG23 (0.41)
Dot	ZarandiASC20 (205.00)	Lunardi20 (190.00)	Groleaz21 (190.00)	IsikYA23 (176.00)	AbreuN22 (174.00)
Cosine	AbreuAPNM21 (0.81)	AbreuN22 (0.79)	AbreuPNF23 (0.79)	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 (0.31)	Rit86 (0.32)	Davis87 (0.33)	NishikawaSTT18 (0.33)	LipovetzkyBPS14 (0.33)
Dot	Groleaz21 (114.00)	LaborieRSV18 (110.00)	Astrand21 (110.00)	Malapert11 (109.00)	Lombardi10 (107.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GedikKBR17 (0.70)	LaborieR14 (0.67)	MarliereSPR23 (0.64)	HeipckeCCS00 (0.64)	NishikawaSTT18 (0.63)
Menana11 R&C					
Euclid	abs-1902-01193 (0.35)	BenoistGR02 (0.38)	AbdennadherS99 (0.39)	LiuLH19 (0.40)	BofillGSV15 (0.40)
Dot	Malapert11 (116.00)	Dejemeppe16 (115.00)	Siala15a (112.00)	Godet21a (110.00)	ZarandiASC20 (104.00)
Cosine	abs-1902-01193 (0.66)	Derrien15 (0.57)	BenoistGR02 (0.57)	PinarbasiAY19 (0.56)	German18 (0.56)
MenciaSV12 R&C	MenciaSV13 (0.63)	ColT2019a (0.84)	WatsonB08 (0.86)	BeckFW11 (0.87)	DomdorfPH03 (0.88)
Euclid	MenciaSV13 (0.20)	SourdN00 (0.30)	TanSD10 (0.30)	ArtiguesF07 (0.31)	ArtiguesBF04 (0.32)
Dot	Baptiste02 (183.00)	ZarandiASC20 (174.00)	Groleaz21 (173.00)	Dejemeppe16 (167.00)	Malapert11 (160.00)
Cosine	MenciaSV13 (0.92)	SourdN00 (0.81)	ArtiguesF07 (0.81)	TanSD10 (0.80)	NuijtenP98 (0.79)
MenciaSV13 R&C	MenciaSV12 (0.63)	BeckFW11 (0.85)	WatsonB08 (0.87)	GrimesHM09 (0.89)	DomdorfPH03 (0.91)
Euclid	MenciaSV12 (0.20)	TanSD10 (0.28)	ArtiguesBF04 (0.29)	SourdN00 (0.29)	ArtiguesF07 (0.30)
Dot	Baptiste02 (170.00)	Dejemeppe16 (159.00)	ZarandiASC20 (157.00)	Groleaz21 (157.00)	Malapert11 (154.00)
Cosine	MenciaSV12 (0.92)	TanSD10 (0.81)	SourdN00 (0.81)	ArtiguesBF04 (0.80)	ArtiguesF07 (0.80)
MengGRZSC22 R&C	MengZRZL20 (0.72)	MengLZB21 (0.90)	OujanaAYB22 (0.91)	YunusogluY22 (0.94)	AbreuN22 (0.95)
Euclid	MengZRZL20 (0.34)	HamPK21 (0.36)	ZhangJZL22 (0.37)	LiFJZLL22 (0.38)	Novas19 (0.39)
Dot	MengZRZL20 (187.00)	ZarandiASC20 (186.00)	IsikYA23 (176.00)	NaderiRR23 (172.00)	Lunardi20 (165.00)
Cosine	MengZRZL20 (0.84)	HamPK21 (0.77)	Novas19 (0.75)	ZhangJZL22 (0.74)	MengLZB21 (0.74)
MengLZB21 R&C	NaderiRR23 (0.81)	SacramentoSP20 (0.83)	MengZRZL20 (0.84)	HamPK21 (0.85)	GhandehariK22 (0.88)
Euclid	MengZRZL20 (0.35)	ZhangJZL22 (0.37)	Novas19 (0.38)	MengGRZSC22 (0.40)	HamC16 (0.41)
Dot	ZarandiASC20 (194.00)	MengZRZL20 (191.00)	IsikYA23 (189.00)	Groleaz21 (179.00)	Lunardi20 (177.00)
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 (0.34)	MengLZB21 (0.35)	Novas19 (0.38)	IsikYA23 (0.39)	HamPK21 (0.39)
Dot	ZarandiASC20 (244.00)	IsikYA23 (229.00)	Groleaz21 (229.00)	Lunardi20 (226.00)	NaderiRR23 (220.00)
Cosine	MengGRZSC22 (0.84)	MengLZB21 (0.83)	IsikYA23 (0.82)	Novas19 (0.79)	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)	PachecoPR19 (0.38)	KovacsV06 (0.38)
Dot	Dejemeppe16 (172.00)	Groleaz21 (164.00)	Lombardi10 (161.00)	Baptiste02 (155.00)	ZarandiASC20 (150.00)
Cosine	MonetteDH09 (0.74)	Hooker06 (0.73)	Hooker05a (0.72)	LombardiM12 (0.71)	KelbelH11 (0.69)
MercierH07 R&C	MercierH08 (0.72)	VilimBC04 (0.78)	Puget95 (0.80)	Vilim05 (0.81)	SchuttWS05 (0.83)
Euclid	VilimBC05 (0.33)	Zhou97 (0.33)	VilimBC04 (0.33)	Zhou96 (0.33)	TorresL00 (0.33)
Dot	Baptiste02 (179.00)	Lombardi10 (174.00)	Fahimi16 (167.00)	Schutt11 (164.00)	Beck99 (164.00)
Cosine	Zhou97 (0.78)	VilimBC05 (0.78)	TorresL00 (0.77)	VilimBC04 (0.77)	Zhou96 (0.77)
MercierH08 R&C	Vilim09 (0.68)	MercierH07 (0.72)	SchuttW10 (0.72)	SchuttWS05 (0.76)	KameugneFSN14 (0.76)
Euclid	BeldiceanuP07 (0.25)	SchuttWS05 (0.25)	PoderB08 (0.27)	Kameugne15 (0.28)	Caseau97 (0.28)
Dot	Lombardi10 (95.00)	Baptiste02 (95.00)	MercierH07 (92.00)	Dejemeppe16 (88.00)	BartakSR10 (88.00)
Cosine	SchuttWS05 (0.77)	MercierH07 (0.74)	BeldiceanuP07 (0.73)	KameugneFSN14 (0.70)	PoderB08 (0.68)
MeskensDHG11 R&C					
Euclid	MeskensDL13 (0.20)	WangMD15 (0.26)	GurPAE23 (0.28)	GurEA19 (0.28)	BourdaisGP03 (0.31)
Dot	MeskensDL13 (106.00)	WangMD15 (104.00)	YounespourAKE19 (95.00)	ZarandiASC20 (95.00)	FarsiTM22 (85.00)
Cosine	MeskensDL13 (0.90)	WangMD15 (0.83)	GurPAE23 (0.76)	GurEA19 (0.75)	YounespourAKE19 (0.75)
MeskensDL13 R&C	WangMD15 (0.63)	ZhaoL14 (0.73)	RoshanaeiLAU17a (0.81)	RoshanaeiLAU17 (0.81)	DoulabiRP16 (0.85)
Euclid	MeskensDHG11 (0.20)	WangMD15 (0.26)	GurPAE23 (0.27)	GurEA19 (0.29)	GhandehariK22 (0.33)
Dot	ZarandiASC20 (128.00)	WangMD15 (119.00)	Dejemeppe16 (109.00)	MeskensDHG11 (106.00)	YounespourAKE19 (104.00)
Cosine	MeskensDHG11 (0.90)	WangMD15 (0.84)	GurPAE23 (0.80)	GurEA19 (0.76)	YounespourAKE19 (0.73)
MeyerE04 R&C	ThiruvadyBME09 (0.80)	KamarainenS02 (0.90)	Wallace06 (0.93)	ThiruvadyWGS14 (0.94)	Simonis99 (0.94)
Euclid	ThiruvadyBME09 (0.28)	PesantGPR99 (0.34)	CarlssonKA99 (0.34)	Beck06 (0.35)	MalapertCGJLR13 (0.35)
Dot	Groleaz21 (146.00)	ZarandiASC20 (144.00)	Lunardi20 (133.00)	Malapert11 (133.00)	Astrand21 (131.00)
Cosine	ThiruvadyBME09 (0.80)	GedikKEK18 (0.69)	PengLC14 (0.69)	Beck06 (0.67)	BeckPS03 (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 325: 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 (0.41)	Hooker19 (0.43)	EreminW01 (0.43)	Wallace06 (0.44)
Dot	MilanoW09 (236.00)	Dejemeppe16 (190.00)	Lombardi10 (188.00)	ZarandiASC20 (185.00)	Groleaz21 (183.00)
Cosine	MilanoW09 (0.97)	JainG01 (0.72)	Hooker19 (0.72)	EreminW01 (0.68)	Wallace06 (0.68)
MilanoW09 R&C	MilanoW06 (0.61)	AchterbergBKW08 (0.81)	GuyonLPR12 (0.84)	Milano11 (0.85)	Wallace06 (0.90)
Euclid	MilanoW06 (0.14)	Hooker19 (0.45)	JainG01 (0.45)	HeinzKB13 (0.45)	EreminW01 (0.46)
Dot	MilanoW06 (236.00)	Dejemeppe16 (191.00)	Lombardi10 (191.00)	HookerH17 (184.00)	Groleaz21 (183.00)
Cosine	MilanoW06 (0.97)	Hooker19 (0.70)	JainG01 (0.68)	HookerH17 (0.68)	HeinzKB13 (0.67)
MintonJPL90 R&C					
Euclid	MintonJPL92 (0.22)	FeldmanG89 (0.30)	FukunagaHFAMN02 (0.30)	LudwigKRBMS14 (0.30)	Prosser89 (0.31)
Dot	ZarandiASC20 (93.00)	Beck99 (82.00)	MintonJPL92 (81.00)	Lombardi10 (80.00)	Astrand21 (78.00)
Cosine	MintonJPL92 (0.84)	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 (0.22)	Prosser89 (0.27)	KengY89 (0.29)	FukunagaHFAMN02 (0.30)	Salido10 (0.31)
Dot	ZarandiASC20 (105.00)	Beck99 (104.00)	Lombardi10 (99.00)	Groleaz21 (95.00)	Astrand21 (94.00)
Cosine	MintonJPL90 (0.84)	Prosser89 (0.73)	KengY89 (0.70)	Salido10 (0.67)	FukunagaHFAMN02 (0.66)
MoffittPP05 R&C					
Euclid	LiuJ06 (0.21)	FeldmanG89 (0.21)	Davis87 (0.21)	Valdes87 (0.22)	WallaceF00 (0.23)
Dot	Siala15a (63.00)	Godet21a (62.00)	Malapert11 (62.00)	Baptiste02 (62.00)	PapaB98 (57.00)
Cosine	BartakCS10 (0.65)	Bartak02 (0.63)	Rit86 (0.62)	OddiPCC03 (0.62)	Pape94 (0.61)
MokhtarzadehTNF20 R&C	RabbaniMM21 (0.93)	HamP21 (0.93)	PinarbasiA20 (0.94)	YunusogluY22 (0.94)	Edis21 (0.95)
Euclid	WessenCS20 (0.29)	BehrensLM19 (0.31)	abs-1901-07914 (0.32)	NishikawaSTT19 (0.34)	NishikawaSTT18 (0.34)
Dot	ZarandiASC20 (139.00)	Astrand21 (127.00)	IsikYA23 (126.00)	Lunardi20 (125.00)	PrataAN23 (118.00)
Cosine	WessenCS20 (0.75)	BehrensLM19 (0.72)	Fatemi-AnarakiTFV23 (0.72)	abs-1901-07914 (0.71)	HeinzNVH22 (0.70)
MonetteDD07 R&C	ArtiouchineB05 (0.74)	Vilim05 (0.80)	Wolf05 (0.80)	SourdN00 (0.81)	DorndorfHP99 (0.81)
Euclid	Wolf03 (0.25)	Wolf05 (0.28)	TanSD10 (0.31)	CauwelaertDMS16 (0.31)	MalapertCGJLR13 (0.31)
Dot	Fahimi16 (147.00)	Baptiste02 (146.00)	Schutt11 (140.00)	Dejemeppe16 (139.00)	Malapert11 (139.00)
Cosine	Wolf03 (0.85)	Wolf05 (0.81)	FahimiOQ18 (0.78)	MalapertCGJLR12 (0.76)	TanSD10 (0.75)
MonetteDH09 R&C	ZhangLS12 (0.90)	KelbelH11 (0.90)	QuirogaZH05 (0.91)	Geske05 (0.91)	SchausHMCMD11 (0.91)
Euclid	HeipckeCCS00 (0.28)	HentenryckM04 (0.29)	BeckPS03 (0.29)	PacinoH11 (0.30)	DannaP03 (0.30)
Dot	Dejemeppe16 (169.00)	Groleaz21 (160.00)	Baptiste02 (155.00)	Lombardi10 (151.00)	ZarandiASC20 (149.00)
Cosine	KelbelH11 (0.81)	HeipckeCCS00 (0.80)	BeckPS03 (0.80)	HentenryckM04 (0.80)	LaborieR14 (0.79)
MontemanniD23 R&C	MontemanniD23a (0.63)	Ham18 (0.97)	CauwelaertLS18 (0.98)	BalochG20 (0.98)	
Euclid	MontemanniD23a (0.20)	QuSN06 (0.27)	BarzegaranZP20 (0.27)	GomesHS06 (0.27)	ZibranR11 (0.27)
Dot	Groleaz21 (71.00)	abs-2402-00459 (69.00)	ZarandiASC20 (68.00)	Lunardi20 (68.00)	FachiniA20 (64.00)
Cosine	MontemanniD23a (0.82)	BarzegaranZP20 (0.66)	AkramNHRSA23 (0.63)	FachiniA20 (0.62)	QuSN06 (0.62)
MontemanniD23a R&C	MontemanniD23 (0.63)	Ham18 (0.96)	CauwelaertLS18 (0.98)	BalochG20 (0.98)	
Euclid	MontemanniD23 (0.20)	BarzegaranZP20 (0.26)	ZibranR11 (0.27)	QuSN06 (0.28)	GomesHS06 (0.28)
Dot	Groleaz21 (72.00)	Froger16 (65.00)	Schutt11 (64.00)	Astrand21 (63.00)	abs-2402-00459 (62.00)
Cosine	MontemanniD23 (0.82)	BarzegaranZP20 (0.68)	AkramNHRSA23 (0.61)	Rodriguez07 (0.60)	ZibranR11 (0.60)
MorgadoM97 R&C					
Euclid	WallaceF00 (0.28)	BridiLBBM16 (0.28)	LuoVLBM16 (0.29)	CrawfordB94 (0.29)	FukunagaHFAMN02 (0.29)
Dot	ZarandiASC20 (106.00)	LaborieRSV18 (93.00)	Beck99 (92.00)	Godet21a (88.00)	Astrand21 (87.00)
Cosine	CappartS17 (0.73)	BeckPS03 (0.70)	Rodriguez07 (0.70)	BridiLBBM16 (0.68)	Pape94 (0.68)
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)	HentenryckM04 (0.36)	TrojetHL11 (0.37)	HillTV21 (0.37)
Dot	Dejemeppe16 (171.00)	ZarandiASC20 (162.00)	Godet21a (161.00)	Schutt11 (160.00)	Groleaz21 (157.00)
Cosine	HeipckeCCS00 (0.76)	KovacsV06 (0.73)	SchuttFS13 (0.72)	HillTV21 (0.72)	TrojetHL11 (0.72)
MouraSCL08 R&C	LopesCSM10 (0.52)	MouraSCL08a (0.60)	FelizariAL09 (0.94)	MagataoAN05 (0.94)	Henz01 (0.95)
Euclid	Muscettola02 (0.26)	LopesCSM10 (0.26)	MouraSCL08a (0.26)	BeniniBGM05a (0.26)	WallaceF00 (0.27)
Dot	Lombardi10 (93.00)	LopesCSM10 (92.00)	Malapert11 (84.00)	Beck99 (83.00)	Astrand21 (81.00)
Cosine	LopesCSM10 (0.83)	MouraSCL08a (0.73)	Muscettola02 (0.70)	BofillCSV17a (0.70)	BeniniBGM05a (0.67)
MouraSCL08a R&C	LopesCSM10 (0.60)	MouraSCL08 (0.60)	FelizariAL09 (0.77)	MagataoAN05 (0.77)	Henz01 (0.96)
Euclid	MouraSCL08 (0.26)	LopesCSM10 (0.28)	ZibranR11 (0.30)	PesantGPR99 (0.30)	BeniniBGM05a (0.30)
Dot	Beck99 (98.00)	HarjunkoskiMBC14 (95.00)	Lombardi10 (94.00)	LopesCSM10 (90.00)	Astrand21 (89.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LopesCSM10 (0.80)	MouraSCL08 (0.73)	PesantGPR99 (0.63)	GoelSHFS15 (0.62)	GilesH16 (0.61)
MullerMKP22 R&C	JuvinHL22 (0.91)	JuvinHL23a (0.92)	DomdorfPH03 (0.92)	DorndorfPH99 (0.92)	NaderiR22 (0.93)
Euclid	IklassovMR023 (0.40)	abs-2211-14492 (0.41)	HamP21 (0.41)	Teppan22 (0.42)	HamC16 (0.42)
Dot	Groleaz21 (188.00)	ZarandiASC20 (187.00)	Lunardi20 (169.00)	Dejemeppe16 (167.00)	ColT22 (163.00)
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 (0.31)	KhayatLR06 (0.31)	CauwelaertDMS16 (0.32)	DavenportKRSH07 (0.32)	Ham20a (0.33)
Dot	LaborieRSV18 (152.00)	Lunardi20 (150.00)	Astrand21 (142.00)	Groleaz21 (137.00)	ZarandiASC20 (133.00)
Cosine	NovasH14 (0.78)	KhayatLR06 (0.76)	CzerniachowskaWZ23 (0.75)	CauwelaertDMS16 (0.74)	DavenportKRSH07 (0.74)
MurphyMB15 R&C	CarlierPSJ20 (0.93)	DorndorfHP99 (0.95)	LimHTB16 (0.95)	Simonis95 (0.96)	Geske05 (0.96)
Euclid	BockmayrP06 (0.23)	WolfS05 (0.24)	FukunagaHFAMN02 (0.24)	PoderB08 (0.24)	AngelsmarkJ00 (0.24)
Dot	Lombardi10 (88.00)	Dejemeppe16 (80.00)	Beck99 (80.00)	Fahimi16 (80.00)	Astrand21 (77.00)
Cosine	BockmayrP06 (0.74)	Madi-WambaLOBM17 (0.74)	WolfS05 (0.73)	BoothNB16 (0.73)	AstrandJZ18 (0.70)
MurphyRFSS97 R&C					
Euclid	FukunagaHFAMN02 (0.24)	AngelsmarkJ00 (0.24)	LudwigKRBMS14 (0.24)	LiuJ06 (0.25)	WallaceF00 (0.26)
Dot	ZarandiASC20 (68.00)	Beck99 (63.00)	Astrand21 (62.00)	LuZZYW24 (60.00)	Novas19 (57.00)
Cosine	BarbulescuWH04 (0.67)	LudwigKRBMS14 (0.64)	GilesH16 (0.63)	FukunagaHFAMN02 (0.63)	BrusoniCLMMT96 (0.61)
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 (0.24)	LeeKLKKYHP97 (0.24)
Dot	Laborie03 (73.00)	Siala15a (72.00)	Malapert11 (72.00)	Baptiste02 (69.00)	Godet21a (68.00)
Cosine	Muscettola94 (0.78)	LombardiM13 (0.75)	Vilim04 (0.73)	WallaceF00 (0.72)	KeriK07 (0.71)
Muscettola94 R&C					
Euclid	OddiS97 (0.20)	Muscettola02 (0.23)	BidotVLB07 (0.25)	Junker00 (0.26)	SmithC93 (0.27)
Dot	Astrand21 (100.00)	Dejemeppe16 (99.00)	ZarandiASC20 (98.00)	Lombardi10 (95.00)	Groleaz21 (94.00)
Cosine	OddiS97 (0.84)	Muscettola02 (0.78)	SadehF96 (0.76)	BidotVLB07 (0.76)	Junker00 (0.74)
Musliu05 R&C					
Euclid	Baptiste09 (0.19)	CarchraeBF05 (0.19)	Tsang03 (0.20)	KovacsEKV05 (0.20)	AngelsmarkJ00 (0.21)
Dot	MusliuSS18 (30.00)	JainM99 (28.00)	WinterMMW22 (27.00)	Wallace06 (27.00)	Astrand21 (27.00)
Cosine	ErkingerM17 (0.58)	MusliuSS18 (0.52)	Tsang03 (0.51)	KletzanderM20 (0.46)	BartakCS10 (0.45)
MusliuSS18 R&C	ErkingerM17 (0.82)	GokGSTO20 (0.86)	FrohnerTR19 (0.90)	GeibingerMM19 (0.90)	HoYCLLCLC18 (0.95)
Euclid	ErkingerM17 (0.32)	PesantRR15 (0.34)	ZibranR11 (0.34)	ZibranR11a (0.34)	AntunesABD18 (0.34)
Dot	Dejemeppe16 (88.00)	Caballero19 (88.00)	Siala15a (86.00)	Astrand21 (83.00)	HarjunkoskiMBC14 (83.00)
Cosine	ErkingerM17 (0.65)	AntunesABD18 (0.61)	AstrandJZ18 (0.61)	BorghesiBLMB18 (0.60)	PesantRR15 (0.57)
NaderiBZ22 R&C	NaderiRR23 (0.86)	NaderiBZ22a (0.92)	NaderiRBAU21 (0.92)	NaderiBZR23 (0.94)	RoshanaeiN21 (0.94)
Euclid	NaderiBZ23 (0.08)	RoshanaeiN21 (0.34)	ElciOH22 (0.36)	HamdiL13 (0.37)	TanZWGQ19 (0.39)
Dot	NaderiBZ23 (190.00)	NaderiRR23 (185.00)	Groleaz21 (182.00)	ZarandiASC20 (175.00)	Lunardi20 (172.00)
Cosine	NaderiBZ23 (0.99)	RoshanaeiN21 (0.78)	NaderiRR23 (0.75)	ElciOH22 (0.74)	HamdiL13 (0.73)
NaderiBZ22a R&C	ZhangYW21 (0.79)	CilKLO22 (0.85)	ShiYXQ22 (0.85)	PohlAK22 (0.86)	ZhuSZW23 (0.88)
Euclid	ZhangYW21 (0.30)	TanT18 (0.36)	ZhuSZW23 (0.36)	JuvinHL23a (0.36)	EmeretlisTAV17 (0.36)
Dot	ZarandiASC20 (186.00)	Groleaz21 (185.00)	NaderiRR23 (179.00)	Lunardi20 (176.00)	IsikYA23 (163.00)
Cosine	ZhangYW21 (0.82)	ZhuSZW23 (0.78)	JuvinHL23a (0.78)	JuvinHL22 (0.77)	HamPK21 (0.75)
NaderiBZ23 R&C	NaderiRR23 (0.85)	NaderiBZ22a (0.91)	NaderiBZR23 (0.92)	NaderiRBAU21 (0.93)	RoshanaeiN21 (0.94)
Euclid	NaderiBZ22 (0.08)	RoshanaeiN21 (0.34)	ElciOH22 (0.37)	HamdiL13 (0.38)	TanZWGQ19 (0.39)
Dot	NaderiBZ22 (190.00)	NaderiRR23 (186.00)	Groleaz21 (183.00)	ZarandiASC20 (176.00)	Lunardi20 (173.00)
Cosine	NaderiBZ22 (0.99)	RoshanaeiN21 (0.79)	NaderiRR23 (0.74)	ElciOH22 (0.73)	HamdiL13 (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 (0.35)	HechingH16 (0.37)	RiiseML16 (0.37)	DoulabiRP16 (0.38)
Dot	ZarandiASC20 (136.00)	RoshanaeiLAU17 (132.00)	RoshanaeiBAUB20 (131.00)	Lombardi10 (131.00)	Froger16 (130.00)
Cosine	RoshanaeiBAUB20 (0.79)	RoshanaeiLAU17 (0.77)	RiiseML16 (0.69)	NaderiBZ23 (0.68)	ElciOH22 (0.67)
NaderiR22 R&C	ElciOH22 (0.67)	MartnezAJ22 (0.73)	JuvinHL23a (0.84)	RoshanaeiN21 (0.85)	JuvinHL22 (0.86)
Euclid					
Dot					

Table 325: 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	MengZRZL20 (0.45)	NaderiBZ22 (0.46)	GrimesH15 (0.46)	NaderiBZ23 (0.46)	NaderiBZ22a (0.47)
Dot	Groleaz21 (285.00)	ZarandiASC20 (244.00)	GrimesH15 (230.00)	Baptiste02 (228.00)	Lunardi20 (226.00)
Cosine	MengZRZL20 (0.76)	GrimesH15 (0.76)	NaderiBZ22 (0.75)	NaderiBZ23 (0.74)	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)	SuCC13 (0.22)	ElfJR03 (0.22)	RasmussenT09 (0.24)
Dot	KendallKRU10 (81.00)	Ribeiro12 (72.00)	ZarandiASC20 (71.00)	RasmussenT09 (66.00)	Lemos21 (64.00)
Cosine	RasmussenT09 (0.79)	RasmussenT06 (0.78)	EastonNT02 (0.76)	ZengM12 (0.76)	Ribeiro12 (0.76)
Nattaf16 R&C					
Euclid	DemasseyAM05 (0.45)	NattafAL17 (0.45)	BaptistePN99 (0.45)	CarlierPSJ20 (0.45)	GokgurHO18 (0.45)
Dot	Groleaz21 (195.00)	Baptiste02 (194.00)	Malapert11 (183.00)	Dejemeppe16 (166.00)	ZarandiASC20 (165.00)
Cosine	Demassey03 (0.69)	GokgurHO18 (0.68)	Elkhyari03 (0.68)	Kameugne14 (0.67)	BaptistePN99 (0.66)
NattafAL15 R&C	NattafALR16 (0.29)	NattafHKAL19 (0.67)	ArtiguesL14 (0.75)	NattafAL17 (0.77)	ArtiguesLH13 (0.85)
Euclid	NattafALR16 (0.11)	ArtiguesL14 (0.22)	NattafHKAL19 (0.26)	NattafAL17 (0.29)	CarlierPSJ20 (0.29)
Dot	NattafALR16 (131.00)	Lombardi10 (125.00)	Malapert11 (113.00)	Schutt11 (112.00)	Baptiste02 (111.00)
Cosine	NattafALR16 (0.97)	ArtiguesL14 (0.87)	NattafHKAL19 (0.82)	NattafAL17 (0.77)	CarlierPSJ20 (0.77)
NattafAL17 R&C	NattafALR16 (0.73)	NattafAL15 (0.77)	ArtiguesL14 (0.78)	NattafHKAL19 (0.82)	LetortCB15 (0.86)
Euclid	ArtiguesL14 (0.27)	NattafAL15 (0.29)	Caseau97 (0.29)	ChuGNSW13 (0.29)	Rit86 (0.30)
Dot	Lombardi10 (116.00)	Malapert11 (106.00)	Baptiste02 (105.00)	Fahimi16 (104.00)	Schutt11 (102.00)
Cosine	ArtiguesL14 (0.79)	NattafAL15 (0.77)	NattafALR16 (0.75)	NattafHKAL19 (0.72)	ChuGNSW13 (0.69)
NattafALR16 R&C	NattafAL15 (0.29)	NattafHKAL19 (0.64)	NattafAL17 (0.73)	ArtiguesL14 (0.86)	CarlierSJP21 (0.87)
Euclid	NattafAL15 (0.11)	ArtiguesL14 (0.24)	NattafHKAL19 (0.28)	NattafAL17 (0.30)	CarlierPSJ20 (0.30)
Dot	Lombardi10 (132.00)	NattafAL15 (131.00)	Malapert11 (119.00)	Schutt11 (118.00)	Baptiste02 (116.00)
Cosine	NattafAL15 (0.97)	ArtiguesL14 (0.86)	NattafHKAL19 (0.80)	NattafAL17 (0.75)	CarlierPSJ20 (0.75)
NattafDYW19 R&C	MalapertN19 (0.75)	Ham18a (0.84)	ZeballosM09 (0.91)	Zeballos10 (0.92)	QuirogaZH05 (0.93)
Euclid	Ham18a (0.29)	ArbaouiY18 (0.31)	NattafM20 (0.33)	WatsonB08 (0.34)	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 (0.75)	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	ArtiguesL14 (0.25)	NattafAL15 (0.26)	NattafALR16 (0.28)	PoderB08 (0.29)	NattafAL17 (0.30)
Dot	Baptiste02 (121.00)	Lombardi10 (120.00)	Godet21a (112.00)	Groleaz21 (112.00)	ZarandiASC20 (107.00)
Cosine	NattafAL15 (0.82)	ArtiguesL14 (0.82)	NattafALR16 (0.80)	PoderB08 (0.72)	NattafAL17 (0.72)
NattafM20 R&C	MalapertN19 (0.92)	NattafDYW19 (0.96)	LombardiM10a (0.97)	YunusogluY22 (0.98)	JainM99 (0.99)
Euclid	MalapertN19 (0.24)	BogaerdtW19 (0.33)	ArbaouiY18 (0.33)	NattafDYW19 (0.33)	Jans09 (0.35)
Dot	MalapertN19 (132.00)	NaderiRR23 (123.00)	Groleaz21 (122.00)	YunusogluY22 (110.00)	ZarandiASC20 (110.00)
Cosine	MalapertN19 (0.88)	NattafDYW19 (0.72)	ArbaouiY18 (0.69)	GedikKEK18 (0.68)	Ham18a (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 (0.23)	BoothNB16 (0.24)	ZouZ20 (0.25)
Dot	LaborieRSV18 (105.00)	Astrand21 (95.00)	Lunardi20 (95.00)	Beck99 (94.00)	Groleaz21 (94.00)
Cosine	NishikawaSTT18a (0.98)	NishikawaSTT19 (0.94)	ZouZ20 (0.79)	BoothNB16 (0.78)	BeniniBGM05a (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)	BoothNB16 (0.23)	BeniniBGM05a (0.23)	VanczaM01 (0.25)
Dot	LaborieRSV18 (103.00)	Astrand21 (99.00)	Lunardi20 (96.00)	Groleaz21 (95.00)	ZarandiASC20 (93.00)
Cosine	NishikawaSTT18 (0.98)	NishikawaSTT19 (0.93)	BoothNB16 (0.80)	ZouZ20 (0.78)	BeniniBGM05a (0.78)
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 (0.25)	HoeveGSL07 (0.27)
Dot	Groleaz21 (119.00)	LaborieRSV18 (118.00)	Lombardi10 (113.00)	Astrand21 (112.00)	Beck99 (112.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	NishikawaSTT18 (0.94)	NishikawaSTT18a (0.93)	BoothNB16 (0.82)	BeniniBGM05a (0.77)	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 (0.35)	Hooker05a (0.35)	Hooker06 (0.36)	NovasH10 (0.36)	KhayatLR06 (0.37)
Dot	LaborieRSV18 (169.00)	Groleaz21 (157.00)	AwadMDMT22 (155.00)	Dejemeppe16 (154.00)	Baptiste02 (150.00)
Cosine	ZeballosNH11 (0.77)	AwadMDMT22 (0.75)	NovasH10 (0.74)	Hooker05a (0.73)	Hooker06 (0.72)
Novas19 R&C	LunardiBLRV20 (0.91)	ZhangW18 (0.91)	EscobetPQPRA19 (0.94)	HamC16 (0.94)	MengZRZL20 (0.95)
Euclid	KhayatLR06 (0.36)	MengLZB21 (0.38)	OujanaAYB22 (0.38)	MengZRZL20 (0.38)	Ham18a (0.38)
Dot	ZarandiASC20 (221.00)	Lunardi20 (203.00)	Groleaz21 (201.00)	IsikYA23 (194.00)	Dejemeppe16 (190.00)
Cosine	MengZRZL20 (0.79)	AwadMDMT22 (0.77)	MengLZB21 (0.77)	KhayatLR06 (0.77)	IsikYA23 (0.77)
NovasH10 R&C	NovasH12 (0.89)	ZeballosCM10 (0.90)	ZeballosNH11 (0.91)	RoePS05 (0.92)	HarjunkoskiMBC14 (0.92)
Euclid	QuirogaZH05 (0.31)	ZeballosH05 (0.32)	ZeballosM09 (0.33)	BidotVLB07 (0.34)	Zeballos10 (0.35)
Dot	ZarandiASC20 (167.00)	Groleaz21 (152.00)	HarjunkoskiMBC14 (142.00)	Dejemeppe16 (141.00)	Baptiste02 (139.00)
Cosine	ZeballosH05 (0.77)	QuirogaZH05 (0.76)	ZeballosNH11 (0.75)	NovaraNH16 (0.74)	BidotVLB09 (0.74)
NovasH12 R&C	ZeballosCM10 (0.78)	NovasH10 (0.89)	OzturkTHO12 (0.91)	ZeballosNH11 (0.93)	ZeballosQH10 (0.94)
Euclid	NovasH14 (0.25)	ZeballosH05 (0.27)	ZeballosCM10 (0.28)	ZeballosM09 (0.29)	OzturkTHO10 (0.32)
Dot	ZarandiASC20 (137.00)	LaborieRSV18 (128.00)	ZeballosCM10 (124.00)	Astrand21 (121.00)	Malapert11 (120.00)
Cosine	NovasH14 (0.85)	ZeballosCM10 (0.83)	ZeballosH05 (0.82)	ZeballosM09 (0.78)	ZeballosQH10 (0.73)
NovasH14 R&C	ZeballosQH10 (0.71)	Zeballos10 (0.72)	KhayatLR06 (0.91)	ZarandiKS16 (0.91)	NovaraNH16 (0.91)
Euclid	ZeballosH05 (0.23)	NovasH12 (0.25)	ZeballosM09 (0.26)	KhayatLR06 (0.26)	QuirogaZH05 (0.29)
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)	ZeballosM09 (0.81)	ZeballosQH10 (0.80)
Nuijten94 R&C					
Euclid	NuijtenP98 (0.36)	NuijtenA94 (0.37)	NuijtenA96 (0.37)	TorresL00 (0.40)	ChenGPSH10 (0.41)
Dot	ZarandiASC20 (213.00)	Baptiste02 (198.00)	Lombardi10 (194.00)	Astrand21 (190.00)	Godet21a (180.00)
Cosine	NuijtenP98 (0.78)	NuijtenA94 (0.77)	NuijtenA96 (0.77)	JainM99 (0.73)	ChenGPSH10 (0.73)
NuijtenA94 R&C					
Euclid	NuijtenA96 (0.07)	NuijtenP98 (0.27)	DilkinaDH05 (0.30)	CestaOS00 (0.30)	TorresL00 (0.31)
Dot	Baptiste02 (126.00)	Nuijten94 (124.00)	ZarandiASC20 (121.00)	Lombardi10 (118.00)	NuijtenP98 (117.00)
Cosine	NuijtenA96 (0.99)	NuijtenP98 (0.84)	Nuijten94 (0.77)	TorresL00 (0.76)	SourdN00 (0.75)
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 (0.07)	NuijtenP98 (0.25)	DilkinaDH05 (0.30)	CestaOS00 (0.30)	TanSD10 (0.30)
Dot	Baptiste02 (131.00)	ZarandiASC20 (127.00)	Nuijten94 (124.00)	JuvinHHL23 (121.00)	Godet21a (121.00)
Cosine	NuijtenA94 (0.99)	NuijtenP98 (0.86)	Nuijten94 (0.77)	SourdN00 (0.77)	TorresL00 (0.76)
NuijtenP98 R&C	NuijtenA96 (0.93)	SourdN00 (0.94)	KamarainenS02 (0.94)	DorndorfHP99 (0.97)	Vilim04 (0.97)
Euclid	NuijtenA96 (0.25)	NuijtenA94 (0.27)	BartakSR08 (0.30)	TanSD10 (0.31)	MenciaSV13 (0.31)
Dot	Baptiste02 (182.00)	ZarandiASC20 (169.00)	Godet21a (156.00)	BartakSR10 (156.00)	Malapert11 (156.00)
Cosine	NuijtenA96 (0.86)	NuijtenA94 (0.84)	BartakSR08 (0.81)	MenciaSV13 (0.79)	MenciaSV12 (0.79)
OddiPCC03 R&C	OddiPCC05 (0.72)	VerfaillieL01 (0.81)	YuraszeckMC23 (0.90)	WikarekS19 (0.94)	HamdiL13 (0.94)
Euclid	WallaceF00 (0.27)	BartakCS10 (0.29)	KuchcinskiW03 (0.29)	RoweJCA96 (0.29)	FukunagaHFAMN02 (0.29)
Dot	Groleaz21 (109.00)	ZarandiASC20 (107.00)	Astrand21 (106.00)	Godet21a (103.00)	Dejemeppe16 (103.00)
Cosine	Malik08 (0.74)	BartakCS10 (0.71)	WallaceF00 (0.70)	PinarbasiAY19 (0.69)	ReddyFIBKAJ11 (0.68)
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 (0.18)	LombardiM12a (0.21)	BhatnagarKL19 (0.23)	BofillCSV17a (0.23)	BofillCSV17 (0.24)
Dot	Lombardi10 (98.00)	Schutt11 (95.00)	Godet21a (91.00)	Baptiste02 (91.00)	LaborieRSV18 (87.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	LombardiM13 (0.86)	LombardiM12a (0.83)	CestaOF99 (0.82)	LombardiM10 (0.79)	BofillCSV17a (0.79)
OddiRCS11 R&C					
Euclid	CestaOS00 (0.30)	PacinoH11 (0.32)	GodardLN05 (0.32)	CestaOF99 (0.32)	HentenryckM04 (0.33)
Dot	ZarandiASC20 (157.00)	Groleaz21 (157.00)	Malapert11 (156.00)	Dejemeppe16 (152.00)	Godet21a (151.00)
Cosine	CestaOS00 (0.78)	YuraszeckMCCR23 (0.78)	MalapertCGJLR12 (0.77)	MenciaSV13 (0.76)	GodardLN05 (0.76)
OddiS97 R&C					
Euclid	SmithC93 (0.20)	Muscettola94 (0.20)	BidotVLB07 (0.24)	BeckW05 (0.25)	DoomsH08 (0.25)
Dot	ZarandiASC20 (94.00)	Groleaz21 (92.00)	SadehF96 (89.00)	Astrand21 (88.00)	Dejemeppe16 (88.00)
Cosine	Muscettola94 (0.84)	SmithC93 (0.84)	SadehF96 (0.78)	BidotVLB07 (0.75)	BeckW05 (0.75)
OhrimenkoSC09 R&C	SchuttFSW11 (0.81)	SchuttFSW13 (0.85)	SchuttCSW12 (0.87)	SchuttFSW09 (0.91)	KreterSS15 (0.93)
Euclid	ZhangLS12 (0.34)	MalapertCGJLR13 (0.34)	LiuLH19 (0.34)	LiuLH19a (0.34)	GelainPRVW17 (0.35)
Dot	Siala15a (130.00)	Fahimi16 (123.00)	Schutt11 (122.00)	Godet21a (122.00)	Dejemeppe16 (115.00)
Cosine	Bit-Monnot23 (0.69)	MalapertCGJLR13 (0.66)	JussienL02 (0.65)	Malik08 (0.65)	SialaAH15 (0.64)
OkanoDTRYA04 R&C					
Euclid					
Dot					
Cosine					
OrnekO16 R&C					
Euclid	OzturkTHO12 (0.29)	ArtiguesBF04 (0.30)	TanSD10 (0.30)	ArtiguesF07 (0.31)	CauwelaertDMS16 (0.32)
Dot	Baptiste02 (180.00)	Dejemeppe16 (178.00)	Groleaz21 (174.00)	ZarandiASC20 (172.00)	Lombardi10 (169.00)
Cosine	OzturkTHO12 (0.81)	ArtiguesBF04 (0.81)	TanSD10 (0.80)	ArtiguesF07 (0.80)	DejemeppeCS15 (0.79)
OrnekOS20 R&C					
Euclid	ZibranR11a (0.34)	BofillGSV15 (0.35)	ChunCTY99 (0.35)	ZibranR11 (0.35)	KucukY19 (0.36)
Dot	ZarandiASC20 (109.00)	Astrand21 (99.00)	Lunardi20 (99.00)	Lombardi10 (98.00)	Lemos21 (98.00)
Cosine	ChunCTY99 (0.61)	GokPTGO23 (0.60)	DemirovicS18 (0.59)	ZibranR11a (0.58)	RoshanaeiBAUB20 (0.58)
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 (0.27)	KameugneFGOQ18 (0.28)
Dot	Fahimi16 (145.00)	Schutt11 (135.00)	FahimiOQ18 (134.00)	KameugneFND23 (133.00)	FetgoD22 (131.00)
Cosine	KameugneFND23 (0.90)	GingrasQ16 (0.86)	OuelletQ18 (0.84)	FetgoD22 (0.84)	KameugneFGOQ18 (0.81)
OuelletQ18 R&C	Tesch18 (0.38)	KameugneFSN14 (0.56)	OuelletQ13 (0.60)	KameugneF13 (0.60)	Tesch16 (0.63)
Euclid	GayHS15a (0.24)	OuelletQ13 (0.24)	Vilim11 (0.25)	CauwelaertLS15 (0.28)	KameugneFSN11 (0.29)
Dot	Schutt11 (125.00)	Fahimi16 (123.00)	KameugneFND23 (113.00)	SchuttFS13a (112.00)	FahimiOQ18 (112.00)
Cosine	GayHS15a (0.85)	OuelletQ13 (0.84)	Vilim11 (0.82)	KameugneFND23 (0.81)	SchuttFS13a (0.78)
OuelletQ22 R&C	OuelletQ18 (0.82)	OuelletQ13 (0.83)	SchuttFSW15 (0.84)	GayHS15a (0.85)	FetgoD22 (0.86)
Euclid	Vilim11 (0.30)	OuelletQ18 (0.30)	OuelletQ13 (0.30)	Vilim09a (0.31)	GayHS15a (0.31)
Dot	Fahimi16 (138.00)	Schutt11 (131.00)	Dejemeppe16 (125.00)	FahimiOQ18 (119.00)	Godet21a (118.00)
Cosine	OuelletQ13 (0.77)	Vilim11 (0.77)	OuelletQ18 (0.76)	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 (0.36)	Teppan22 (0.37)	ParkUJR19 (0.37)	ZhouGL15 (0.38)	HeinzNVH22 (0.38)
Dot	ZarandiASC20 (198.00)	Lunardi20 (191.00)	Groleaz21 (188.00)	Astrand21 (175.00)	IsikYA23 (173.00)
Cosine	Novas19 (0.76)	MengZRZL20 (0.75)	LiFJZLL22 (0.74)	AbreuPNF23 (0.74)	PrataAN23 (0.74)
OzturkTHO10 R&C	OzturkTHO13 (0.93)	OzturkTHO12 (0.95)	ValleMGT03 (0.95)	TerekhovDOB12 (0.96)	TopaloglusS12 (0.96)
Euclid	BeniniBGM05a (0.28)	OzturkTHO12 (0.28)	LeeKLKKYHP97 (0.28)	FortinZDF05 (0.29)	KhayatLR06 (0.29)
Dot	OzturkTHO13 (111.00)	Baptiste02 (105.00)	Malapert11 (103.00)	Lunardi20 (102.00)	Dejemeppe16 (101.00)
Cosine	OzturkTHO13 (0.80)	OzturkTHO12 (0.76)	KhayatLR06 (0.75)	OzturkTHO15 (0.75)	ZeballosH05 (0.73)
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 (0.28)	HeipckeCCS00 (0.29)	DejemeppeCS15 (0.29)
Dot	Dejemeppe16 (141.00)	Schutt11 (136.00)	Lombardi10 (136.00)	Malapert11 (135.00)	Baptiste02 (135.00)
Cosine	OzturkTHO15 (0.92)	OzturkTHO13 (0.82)	OrnekO16 (0.81)	DejemeppeCS15 (0.79)	Wolf05 (0.79)
OzturkTHO13 R&C	OzturkTHO15 (0.71)	TopaloglusS12 (0.85)	PinarbasiAY19 (0.88)	ValleMGT03 (0.89)	PinarbasiA20 (0.91)
Euclid	OzturkTHO15 (0.27)	OzturkTHO12 (0.31)	OzturkTHO10 (0.32)	OrnekO16 (0.35)	BartakSR08 (0.35)
Dot	Baptiste02 (188.00)	Malapert11 (178.00)	Dejemeppe16 (177.00)	Groleaz21 (175.00)	Lombardi10 (174.00)
Cosine	OzturkTHO15 (0.86)	OzturkTHO12 (0.82)	OzturkTHO10 (0.80)	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 (0.32)	Pape94 (0.32)	HeipckeCCS00 (0.32)
Dot	Lombardi10 (159.00)	Groleaz21 (157.00)	Astrand21 (156.00)	Dejemeppe16 (156.00)	Schutt11 (152.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	OzturkTHO12 (0.92)	OzturkTHO13 (0.86)	OrnekO16 (0.78)	Pape94 (0.76)	OzturkTHO10 (0.75)
PachecoPR19 R&C					
Euclid	KovacsV06 (0.28)	BoothNB16 (0.28)	WessenCS20 (0.28)	FortinZDF05 (0.28)	LeeKLKKYHP97 (0.28)
Dot	Dejemeppe16 (118.00)	Groleaz21 (116.00)	LaborieRSV18 (115.00)	Astrand21 (115.00)	ZarandiASC20 (112.00)
Cosine	KovacsV06 (0.74)	BeckPS03 (0.73)	BoothNB16 (0.72)	BehrensLM19 (0.71)	CestaOF99 (0.71)
PacinoH11 R&C					
Euclid	HentenryckM04 (0.24)	VilimBC04 (0.26)	CauwelaertDMS16 (0.28)	GodardLN05 (0.28)	KhayatLR06 (0.28)
Dot	Dejemeppe16 (119.00)	Astrand21 (114.00)	LaborieRSV18 (108.00)	Malapert11 (108.00)	Groleaz21 (108.00)
Cosine	HentenryckM04 (0.83)	GodardLN05 (0.78)	VilimBC04 (0.78)	MonetteDH09 (0.78)	KhayatLR06 (0.77)
PandeyS21a R&C	ArbaouiY18 (0.91)	EdisO11 (0.92)	EdisO11a (0.94)	YunusogluY22 (0.94)	JainG01 (0.95)
Euclid	HeipckeCCS00 (0.35)	NishikawaSTT19 (0.35)	KhayatLR06 (0.35)	EdisO11 (0.36)	NishikawaSTT18 (0.36)
Dot	Groleaz21 (143.00)	ZarandiASC20 (142.00)	Baptiste02 (137.00)	LaborieRSV18 (133.00)	Godet21a (133.00)
Cosine	KhayatLR06 (0.70)	HeipckeCCS00 (0.70)	TouatBT22 (0.70)	QinDS16 (0.69)	NishikawaSTT19 (0.69)
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 (0.36)	BaptisteP97 (0.36)	GokgurHO18 (0.38)
Dot	Baptiste02 (238.00)	Godet21a (197.00)	Lombardi10 (197.00)	Fahimi16 (190.00)	Malapert11 (188.00)
Cosine	PapeB97 (0.84)	BaptisteP95 (0.80)	BaptisteP00 (0.79)	BaptisteP97 (0.78)	GokgurHO18 (0.78)
Pape94 R&C	NuijtenA96 (0.91)	Laborie03 (0.93)	BeckF00 (0.94)	AggounB93 (0.95)	WatsonB08 (0.96)
Euclid	Colombani96 (0.27)	Bartak02a (0.27)	HeipckeCCS00 (0.27)	Zhou96 (0.28)	LiessM08 (0.28)
Dot	Beck99 (133.00)	Baptiste02 (132.00)	Lombardi10 (131.00)	ZarandiASC20 (127.00)	Astrand21 (126.00)
Cosine	BeckPS03 (0.79)	LiessM08 (0.79)	BartakSR08 (0.79)	HeipckeCCS00 (0.78)	Bartak02a (0.78)
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 (196.00)	Malapert11 (184.00)	PapaB98 (179.00)	Dejemeppe16 (178.00)	Godet21a (177.00)
Cosine	BaptisteP00 (0.88)	PapaB98 (0.84)	BaptisteP97 (0.84)	BaptistePN99 (0.78)	TanSD10 (0.77)
ParkUJR19 R&C	CobanH10 (0.92)	Laborie18a (0.92)	ColT2019a (0.92)	HamdiL13 (0.93)	RenT09 (0.93)
Euclid	JuvinHL23 (0.26)	BillautHL12 (0.30)	LorigeonBB02 (0.33)	Beck06 (0.33)	HamdiL13 (0.33)
Dot	Groleaz21 (145.00)	ZarandiASC20 (143.00)	Lunardi20 (141.00)	PrataAN23 (128.00)	Astrand21 (128.00)
Cosine	JuvinHL23 (0.80)	TerekhovTDB14 (0.77)	BillautHL12 (0.74)	OujanaAYB22 (0.72)	AbreuAPNM21 (0.72)
PembertonG98 R&C	ZhangW18 (0.99)	BartakSR08 (0.99)	MintonJPL92 (1.00)	JainM99 (1.00)	
Euclid	KengY89 (0.29)	Caseau97 (0.30)	CrawfordB94 (0.31)	SimoninAHL12 (0.31)	Johnston05 (0.32)
Dot	Lombardi10 (108.00)	Godet21a (107.00)	ZarandiASC20 (105.00)	Fahimi16 (104.00)	Dejemeppe16 (103.00)
Cosine	KengY89 (0.71)	BaptisteP95 (0.68)	SimoninAHL12 (0.67)	Caseau97 (0.67)	Wolf05 (0.66)
PengLC14 R&C	WariZ19 (0.92)	BeldiceanuCDP11 (0.92)	ZarandiKS16 (0.93)	NovasH14 (0.95)	NovaraNH16 (0.96)
Euclid	KovacsV06 (0.28)	ValleMGT03 (0.28)	KovacsV04 (0.28)	HeipckeCCS00 (0.28)	MalapertCGJLR13 (0.29)
Dot	Groleaz21 (164.00)	Dejemeppe16 (161.00)	ZarandiASC20 (151.00)	Baptiste02 (151.00)	Beck99 (143.00)
Cosine	KovacsV04 (0.80)	KovacsV06 (0.80)	HeipckeCCS00 (0.79)	ValleMGT03 (0.79)	BeckPS03 (0.79)
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)	NattafDYW19 (0.37)	WuBB09 (0.38)	DilkinaDH05 (0.38)
Dot	ZarandiASC20 (165.00)	Groleaz21 (142.00)	Baptiste02 (128.00)	Astrand21 (125.00)	PrataAN23 (124.00)
Cosine	BajestaniB15 (0.75)	BogaerdtW19 (0.70)	KovacsB11 (0.68)	NattafDYW19 (0.68)	AlfieriGPS23 (0.66)
PerezGSL23 R&C					
Euclid	abs-2312-13682 (0.05)	BockmayrP06 (0.24)	ZibranR11 (0.27)	ZibranR11a (0.27)	BarzegaranZP20 (0.27)
Dot	Dejemeppe16 (96.00)	Astrand21 (94.00)	Lombardi10 (92.00)	LaborieRSV18 (89.00)	ZarandiASC20 (87.00)
Cosine	abs-2312-13682 (0.99)	BockmayrP06 (0.75)	AalianPG23 (0.73)	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 (0.22)	CarchraeBF05 (0.22)	AngelsmarkJ00 (0.22)	EastonNT02 (0.22)	SuCC13 (0.23)
Dot	CarlssonJL17 (52.00)	RussellU06 (44.00)	KendallKRU10 (44.00)	Dejemeppe16 (43.00)	Siala15a (42.00)
Cosine	Trick03 (0.69)	CarlssonJL17 (0.68)	HenzMT04 (0.66)	RussellU06 (0.66)	LarsonJC14 (0.65)
PerronSF04 R&C	DannaP03 (0.67)	CarchraeB09 (0.79)	SchausHMCMD11 (0.82)	Wolf03 (0.87)	PesantRR15 (0.87)
Euclid	DannaP03 (0.22)	HebrardTW05 (0.27)	Hooker17 (0.28)	Puget95 (0.29)	AngelsmarkJ00 (0.29)
Dot	Groleaz21 (95.00)	LaborieRSV18 (91.00)	Dejemeppe16 (91.00)	KelbelH11 (87.00)	GrimesH15 (83.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	DannaP03 (0.83)	CarchraeB09 (0.72)	HebrardTW05 (0.69)	BeckR03 (0.68)	KelbelH11 (0.67)
PesantGPR99 R&C	MercierH07 (0.92)	DorndorfHP99 (0.95)	Puget95 (0.95)	Geske05 (0.95)	CastroGR10 (0.95)
Euclid	GomesHS06 (0.24)	ZibranR11a (0.24)	ZhangLS12 (0.25)	ZibranR11 (0.26)	Caseau97 (0.26)
Dot	Astrand21 (82.00)	Lemos21 (79.00)	Lombardi10 (78.00)	Malapert11 (78.00)	Beck99 (77.00)
Cosine	ZibranR11a (0.70)	GomesHS06 (0.69)	ZeballosM09 (0.69)	ZhangLS12 (0.68)	EreminW01 (0.68)
PesantRR15 R&C	BofillEGPSV14 (0.75)	BofillGSV15 (0.81)	PerronSF04 (0.87)	DannaP03 (0.90)	BessiereHMQW14 (0.90)
Euclid	BofillCGGPSV23 (0.20)	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	Alaka21 (0.24)	AlakaP23 (0.24)	AlakaPY19 (0.27)	ValleMGT03 (0.29)	TopaloglusS12 (0.30)
Dot	Astrand21 (147.00)	Groleaz21 (147.00)	Dejemeppe16 (143.00)	ZarandiASC20 (142.00)	Malapert11 (138.00)
Cosine	Alaka21 (0.84)	AlakaP23 (0.84)	AlakaPY19 (0.81)	CilKLO22 (0.81)	PengLC14 (0.78)
PintoG97 R&C	MaraveliasCG04 (0.89)	RoePS05 (0.91)	HarjunkoskiJG00 (0.92)	HarjunkoskiG02 (0.94)	HookerO99 (0.95)
Euclid	Rit86 (0.31)	SchuttWS05 (0.31)	BlomPS16 (0.31)	BeldiceanuP07 (0.31)	BockmayrP06 (0.31)
Dot	LaborieRSV18 (91.00)	ZarandiASC20 (90.00)	Dejemeppe16 (90.00)	HarjunkoskiMBC14 (90.00)	Groleaz21 (89.00)
Cosine	SchuttWS05 (0.66)	NovaraNH16 (0.64)	ZeballosNH11 (0.63)	MaraveliasCG04 (0.63)	BockmayrP06 (0.62)
PoderB08 R&C					
Euclid	BeldiceanuP07 (0.13)	WolfS05 (0.15)	PoderBS04 (0.19)	SimonisH11 (0.20)	Vilim09a (0.21)
Dot	Dejemeppe16 (74.00)	Beck99 (74.00)	Godet21a (73.00)	Lombardi10 (73.00)	Malapert11 (73.00)
Cosine	BeldiceanuP07 (0.91)	WolfS05 (0.88)	PoderBS04 (0.85)	SimonisH11 (0.80)	Vilim09a (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)	BeldiceanuP07 (0.23)	ChuGNSW13 (0.23)	BockmayrP06 (0.23)
Dot	Beck99 (97.00)	Baptiste02 (92.00)	Godet21a (90.00)	Dejemeppe16 (89.00)	Lombardi10 (89.00)
Cosine	PoderB08 (0.85)	WolfS05 (0.81)	ChuGNSW13 (0.78)	BeldiceanuP07 (0.77)	BockmayrP06 (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 (0.39)	LaborieR14 (0.39)	MelgarejoLS15 (0.39)	KimCMLLP23 (0.39)
Dot	Groleaz21 (156.00)	ZarandiASC20 (139.00)	LaborieRSV18 (132.00)	Dejemeppe16 (131.00)	Baptiste02 (129.00)
Cosine	LaborieR14 (0.67)	GokPTGO23 (0.66)	GedikKBR17 (0.65)	KimCMLLP23 (0.63)	Gronkvist06 (0.63)
PolicellaWSO05 R&C					
Euclid	LombardiM13 (0.28)	KrogtLPHJ07 (0.29)	BofillCSV17a (0.29)	NishikawaSTT18 (0.29)	PoderB08 (0.29)
Dot	Beck99 (103.00)	Dejemeppe16 (95.00)	Lombardi10 (95.00)	ZarandiASC20 (93.00)	BartakSR10 (90.00)
Cosine	NishikawaSTT19 (0.71)	NishikawaSTT18 (0.69)	BofillCSV17a (0.69)	NishikawaSTT18a (0.68)	KrogtLPHJ07 (0.68)
Polo-MejiaALB20 R&C	YoungFS17 (0.86)	BenderWS21 (0.89)	PapaB98 (0.91)	NaderiR22 (0.92)	GilesH16 (0.93)
Euclid	HanenKP21 (0.34)	BaptisteP97 (0.34)	LiessM08 (0.34)	ArkhipovBL19 (0.35)	BruckerK00 (0.35)
Dot	Groleaz21 (189.00)	Baptiste02 (178.00)	Lombardi10 (173.00)	Godet21a (169.00)	Dejemeppe16 (169.00)
Cosine	BaptisteP97 (0.77)	HanenKP21 (0.77)	LiessM08 (0.76)	BaptistePN99 (0.75)	ArkhipovBL19 (0.75)
PopovicCGNC22 R&C					
Euclid	ZibranR11 (0.32)	CohenHB17 (0.32)	BoothNB16 (0.32)	BeniniBGM05a (0.32)	ZibranR11a (0.32)
Dot	LaborieRSV18 (85.00)	Froger16 (85.00)	Groleaz21 (83.00)	Malapert11 (81.00)	Lunardi20 (80.00)
Cosine	GoelSHFS15 (0.64)	BoothNB16 (0.63)	KlankeBYE21 (0.61)	AalianPG23 (0.61)	QinDS16 (0.61)
PourDERB18 R&C	KreterSSZ18 (0.91)	Geske05 (0.91)	AggounV04 (0.92)	GedikKEK18 (0.93)	BukchinR18 (0.93)
Euclid	PesantGPR99 (0.36)	AronssonBK09 (0.36)	FallahiAC20 (0.37)	PinarbasiAY19 (0.37)	SmithBHW96 (0.37)
Dot	Lemos21 (141.00)	ZarandiASC20 (119.00)	Dejemeppe16 (118.00)	Malapert11 (116.00)	Froger16 (115.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	PinarbasiAY19 (0.67)	Lemos21 (0.66)	TangLWSK18 (0.66)	KovacsK11 (0.65)	PengLC14 (0.64)
PovedaAA23 R&C					
Euclid	YoungFS17 (0.30)	SzerediS16 (0.34)	BoudreaultSLQ22 (0.37)	LiessM08 (0.37)	BofillCSV17 (0.38)
Dot	Godet21a (174.00)	Lombardi10 (174.00)	Schutt11 (166.00)	Groleaz21 (162.00)	Dejemeppe16 (161.00)
Cosine	YoungFS17 (0.83)	SzerediS16 (0.77)	BoudreaultSLQ22 (0.76)	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	HentenryckM04 (0.30)	GodardLN05 (0.30)	BofillCSV17a (0.31)	PacinoH11 (0.32)	CauwelaertDMS16 (0.32)
Dot	Groleaz21 (158.00)	Baptiste02 (155.00)	Dejemeppe16 (153.00)	LaborieRSV18 (151.00)	ZarandiASC20 (150.00)
Cosine	HentenryckM04 (0.79)	GodardLN05 (0.79)	DemasseyAM05 (0.77)	BofillCSV17a (0.76)	Laborie05 (0.76)
PraletLJ15 R&C	CestaOPS14 (0.88)	LetortCB13 (0.89)	GaySS14 (0.89)	Davenport10 (0.90)	LetortCB15 (0.91)
Euclid	NishikawaSTT18 (0.28)	NishikawaSTT18a (0.28)	FrankDT16 (0.29)	BeniniBGM05a (0.29)	AlakaPY19 (0.30)
Dot	LaborieRSV18 (118.00)	Groleaz21 (111.00)	Lunardi20 (104.00)	Dejemeppe16 (101.00)	ColT22 (100.00)
Cosine	NishikawaSTT18 (0.73)	NishikawaSTT18a (0.73)	CampeauG22 (0.71)	NishikawaSTT19 (0.69)	KovacsV06 (0.69)
PrataAN23 R&C					
Euclid	AbreuAPNM21 (0.42)	AbreuPNF23 (0.42)	AlfieriGPS23 (0.44)	OujanaAYB22 (0.44)	AbreuN22 (0.44)
Dot	ZarandiASC20 (292.00)	Groleaz21 (253.00)	Dejemeppe16 (232.00)	Baptiste02 (227.00)	Lunardi20 (212.00)
Cosine	AbreuPNF23 (0.77)	AbreuAPNM21 (0.76)	AbreuN22 (0.74)	AlfieriGPS23 (0.74)	OujanaAYB22 (0.74)
Prosser89 R&C					
Euclid	FoxAS82 (0.22)	KengY89 (0.23)	FukunagaHFAMN02 (0.25)	Salido10 (0.26)	CrawfordB94 (0.26)
Dot	ZarandiASC20 (96.00)	Beck99 (89.00)	BeckDDF98 (85.00)	Lombardi10 (84.00)	Groleaz21 (84.00)
Cosine	KengY89 (0.76)	FoxAS82 (0.76)	MintonJPL92 (0.73)	Salido10 (0.73)	Madi-WambaLOBM17 (0.71)
Puget95 R&C	HebrardTW05 (0.80)	MercierH07 (0.80)	VilimBC04 (0.83)	VilimBC05 (0.86)	Vilim04 (0.86)
Euclid	KovacsEKV05 (0.21)	Caseau97 (0.21)	AngelsmarkJ00 (0.22)	HebrardTW05 (0.22)	WallaceF00 (0.23)
Dot	Malapert11 (74.00)	LaborieRSV18 (72.00)	ZarandiASC20 (71.00)	Siala15a (71.00)	Godet21a (71.00)
Cosine	Caseau97 (0.74)	FontaineMH16 (0.71)	TranDRFWOVB16 (0.70)	ZeballosM09 (0.69)	Pape94 (0.69)
QinDCS20 R&C	SunTB19 (0.71)	UnsalO13 (0.77)	UnsalO19 (0.91)	GedikKEK18 (0.91)	GuoHLW20 (0.92)
Euclid	SunTB19 (0.38)	Ham18 (0.38)	Ham18a (0.38)	MurinR19 (0.39)	QinDS16 (0.39)
Dot	Lunardi20 (161.00)	Groleaz21 (152.00)	LaborieRSV18 (141.00)	ZarandiASC20 (140.00)	NaderiRR23 (137.00)
Cosine	QinDS16 (0.70)	Ham18a (0.70)	MurinR19 (0.70)	SunTB19 (0.70)	Ham18 (0.69)
QinDS16 R&C	UnsalO19 (0.86)	ZampelliVSDR13 (0.91)	CappartS17 (0.92)	CobanH11 (0.93)	Laborie18a (0.93)
Euclid	CorreaLR07 (0.32)	UnsalO19 (0.32)	ZeballosM09 (0.34)	EdisO11 (0.34)	NovasH14 (0.34)
Dot	ZarandiASC20 (139.00)	Groleaz21 (139.00)	LaborieRSV18 (137.00)	Lunardi20 (135.00)	MilanoW09 (132.00)
Cosine	UnsalO19 (0.76)	CorreaLR07 (0.75)	NovasH14 (0.73)	ZeballosM09 (0.73)	EdisO11 (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 (0.34)	JuvinHL23 (0.34)	HamFC17 (0.34)
Dot	ZarandiASC20 (149.00)	Lunardi20 (129.00)	Groleaz21 (126.00)	Malapert11 (124.00)	IsikYA23 (115.00)
Cosine	HamC16 (0.72)	LorigeonBB02 (0.71)	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 (0.20)	KovacsEKV05 (0.21)	AngelsmarkJ00 (0.21)	CestaOS98 (0.22)
Dot	Malapert11 (57.00)	Lombardi10 (56.00)	Beck99 (55.00)	Letort13 (55.00)	SchuttFSW11 (54.00)
Cosine	BeniniBGM05a (0.80)	GomesHS06 (0.74)	HoeveGSL07 (0.72)	AlakaPY19 (0.72)	NishikawaSTT18 (0.70)
QuirogaZH05 R&C	ZhangLS12 (0.67)	Geske05 (0.75)	Zeballos10 (0.76)	LimtanyakulS12 (0.79)	EvenSH15 (0.80)
Euclid	Zeballos10 (0.21)	ZeballosQH10 (0.23)	ZeballosH05 (0.24)	ZeballosM09 (0.25)	BockmayrP06 (0.27)
Dot	ZarandiASC20 (136.00)	Dejemeppe16 (130.00)	Baptiste02 (127.00)	Zeballos10 (121.00)	LaborieRSV18 (119.00)
Cosine	Zeballos10 (0.90)	ZeballosQH10 (0.88)	ZeballosH05 (0.86)	ZeballosM09 (0.81)	NovasH14 (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	SuCC13 (0.16)	EastonNT02 (0.17)	RasmussenT09 (0.18)	RasmussenT07 (0.20)	ZengM12 (0.21)
Dot	KendallKRU10 (80.00)	RasmussenT09 (73.00)	Ribeiro12 (71.00)	RasmussenT07 (70.00)	ZarandiASC20 (65.00)
Cosine	RasmussenT09 (0.88)	SuCC13 (0.87)	EastonNT02 (0.85)	RasmussenT07 (0.85)	ZengM12 (0.81)
RasmussenT07 R&C	RasmussenT09 (0.68)	RasmussenT06 (0.69)	HenzMT04 (0.73)	Henz01 (0.73)	Trick03 (0.73)
Euclid	ZengM12 (0.20)	RasmussenT06 (0.20)	BulckG22 (0.20)	RasmussenT09 (0.22)	SuCC13 (0.24)
Dot	KendallKRU10 (99.00)	Ribeiro12 (89.00)	RasmussenT09 (82.00)	ZengM12 (81.00)	BulckG22 (78.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	ZengM12 (0.86)	BulckG22 (0.85)	RasmussenT06 (0.85)	RasmussenT09 (0.83)	Ribeiro12 (0.80)
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)	Ribeiro12 (0.22)	ZengM12 (0.22)	RasmussenT07 (0.22)
Dot	KendallKRU10 (107.00)	Ribeiro12 (97.00)	RasmussenT07 (82.00)	ZarandiASC20 (80.00)	ZengM12 (79.00)
Cosine	RasmussenT06 (0.88)	Ribeiro12 (0.87)	EastonNT02 (0.83)	RasmussenT07 (0.83)	ZengM12 (0.83)
ReddyFIBKAJ11 R&C	SimoninAHL15 (0.92)	JelinekB16 (0.92)	Rodriguez07 (0.93)	SimoninAHL12 (0.94)	LouieVNB14 (0.94)
Euclid	WallaceF00 (0.26)	FukunagaHFAMN02 (0.29)	LombardiM13 (0.29)	BarbulescuWH04 (0.29)	OddiPCC03 (0.30)
Dot	Lombardi10 (91.00)	Godet21a (90.00)	ZarandiASC20 (86.00)	Dejemeppe16 (82.00)	Baptiste02 (82.00)
Cosine	WallaceF00 (0.71)	OddiPCC03 (0.68)	BocewiczBB09 (0.66)	BarbulescuWH04 (0.65)	Salido10 (0.65)
Refalo00 R&C	MilanoORT02 (0.87)	Thorsteinsson01 (0.87)	HookerY02 (0.87)	Hooker05b (0.89)	AjiliW04 (0.89)
Euclid	Davis87 (0.26)	Valdes87 (0.26)	ZibranR11 (0.27)	ChapadosJR11 (0.27)	ZhangLS12 (0.27)
Dot	Siala15a (57.00)	Malapert11 (56.00)	Schutt11 (55.00)	Dejemeppe16 (54.00)	Wallace96 (51.00)
Cosine	HookerOTK00 (0.59)	ZhangLS12 (0.56)	HookerO99 (0.56)	RodosekWH99 (0.54)	Wallace96 (0.53)
RenT09 R&C	Thorsteinsson01 (0.88)	ZeballosM09 (0.88)	RoePS05 (0.89)	HarjunkoskiG02 (0.91)	GongLMW09 (0.92)
Euclid	HebrardTW05 (0.26)	HarjunkoskiJG00 (0.27)	Hooker17 (0.29)	Limtanyakul07 (0.29)	BofillGSV15 (0.30)
Dot	Malapert11 (92.00)	HarjunkoskiMBC14 (83.00)	LaborieRSV18 (79.00)	Lunardi20 (78.00)	ZarandiASC20 (76.00)
Cosine	HebrardTW05 (0.73)	HarjunkoskiJG00 (0.72)	HarjunkoskiG02 (0.69)	HookerO99 (0.67)	Colombani96 (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 (0.34)	ZibranR11 (0.34)	KletzanderM17 (0.35)
Dot	ZarandiASC20 (110.00)	Dejemeppe16 (102.00)	Lemos21 (99.00)	Astrand21 (97.00)	Froger16 (94.00)
Cosine	HoYCLLCLC18 (0.63)	GedikKBR17 (0.61)	BarzegaranZP20 (0.60)	LimRX04 (0.60)	WatsonB08 (0.60)
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 (0.37)	JuvinHL23 (0.38)	LimRX04 (0.38)
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	RasmussenT09 (0.22)	RasmussenT07 (0.26)	BulckG22 (0.26)	ZengM12 (0.28)	EastonNT02 (0.28)
Dot	KendallKRU10 (136.00)	ZarandiASC20 (103.00)	RasmussenT09 (97.00)	Lemos21 (93.00)	RasmussenT07 (89.00)
Cosine	RasmussenT09 (0.87)	KendallKRU10 (0.85)	RasmussenT07 (0.80)	BulckG22 (0.79)	EastonNT02 (0.77)
RiiseML16 R&C	RoshanaeiLAU17 (0.69)	RoshanaeiLAU17a (0.75)	RoshanaeiBAUB20 (0.75)	ZarandiB12 (0.82)	RoshanaeiN21 (0.82)
Euclid	GurEA19 (0.31)	DoulabiRP16 (0.32)	DoulabiRP14 (0.32)	GhandehariK22 (0.33)	WangMD15 (0.33)
Dot	ZarandiASC20 (124.00)	RoshanaeiBAUB20 (114.00)	Lombardi10 (114.00)	Lunardi20 (111.00)	RoshanaeiLAU17 (109.00)
Cosine	RoshanaeiBAUB20 (0.75)	WangMD15 (0.74)	GurEA19 (0.74)	DoulabiRP16 (0.73)	GhandehariK22 (0.72)
Rit86 R&C					
Euclid	AngelsmarkJ00 (0.18)	LiuJ06 (0.18)	LudwigKRBMS14 (0.20)	WallaceF00 (0.20)	Davis87 (0.20)
Dot	Malapert11 (63.00)	Baptiste02 (63.00)	Siala15a (62.00)	Godet21a (62.00)	Fahimi16 (62.00)
Cosine	DincbasSH90 (0.79)	AngelsmarkJ00 (0.77)	Pape94 (0.76)	Caseau97 (0.74)	LiuJ06 (0.73)
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)	DincbasSH90 (0.35)	Rit86 (0.35)	HookerO99 (0.36)	LiuJ06 (0.37)
Dot	Malapert11 (122.00)	Baptiste02 (107.00)	Schutt11 (104.00)	Siala15a (101.00)	RodosekWH99 (99.00)
Cosine	RodosekWH99 (0.81)	HookerO99 (0.67)	DincbasSH90 (0.65)	Darby-DowmanLMZ97 (0.64)	Simonis99 (0.63)
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 (0.30)	HookerO99 (0.31)	Touraivane95 (0.34)	HarjunkoskiJG00 (0.34)
Dot	Malapert11 (102.00)	RodosekW98 (99.00)	Darby-DowmanLMZ97 (94.00)	Baptiste02 (92.00)	HookerO99 (89.00)
Cosine	RodosekW98 (0.81)	Darby-DowmanLMZ97 (0.76)	HookerO99 (0.73)	HarjunkoskiJG00 (0.62)	HookerOTK00 (0.59)
Rodriguez07 R&C	Colombani96 (0.82)	NuijtenA96 (0.83)	Zhou96 (0.85)	Salido10 (0.86)	Puget95 (0.88)
Euclid	Rodriguez07b (0.23)	RodriguezS09 (0.25)	RodriguezDG02 (0.25)	Puget95 (0.31)	MorgadoM97 (0.31)
Dot	Godet21a (114.00)	Malapert11 (113.00)	Lombardi10 (112.00)	LaborieRSV18 (109.00)	ZarandiASC20 (108.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Rodriguez07b (0.85)	RodriguezS09 (0.83)	RodriguezDG02 (0.81)	MarliereSPR23 (0.71)	ZeballosM09 (0.71)
Rodriguez07b R&C					
Euclid	RodriguezS09 (0.12)	Rodriguez07 (0.23)	RodriguezDG02 (0.24)	CappartS17 (0.30)	Puget95 (0.32)
Dot	RodriguezS09 (116.00)	Malapert11 (109.00)	Baptiste02 (107.00)	Lombardi10 (104.00)	LaborieRSV18 (103.00)
Cosine	RodriguezS09 (0.96)	Rodriguez07 (0.85)	RodriguezDG02 (0.83)	CappartS17 (0.75)	MarliereSPR23 (0.72)
RodriguezDG02 R&C					
Euclid	Acuna-AgostMFG09 (0.22)	WallaceF00 (0.24)	Rodriguez07b (0.24)	ZibranR11 (0.24)	ZibranR11a (0.24)
Dot	RodriguezS09 (71.00)	Rodriguez07b (70.00)	Rodriguez07 (69.00)	MarliereSPR23 (68.00)	Lombardi10 (65.00)
Cosine	Rodriguez07b (0.83)	RodriguezS09 (0.81)	Rodriguez07 (0.81)	CappartS17 (0.70)	Acuna-AgostMFG09 (0.68)
RodriguezS09 R&C					
Euclid	Rodriguez07b (0.12)	Rodriguez07 (0.25)	RodriguezDG02 (0.26)	CappartS17 (0.30)	BeckW05 (0.32)
Dot	Malapert11 (118.00)	Rodriguez07b (116.00)	Lombardi10 (115.00)	Baptiste02 (111.00)	LaborieRSV18 (109.00)
Cosine	Rodriguez07b (0.96)	Rodriguez07 (0.83)	RodriguezDG02 (0.81)	CappartS17 (0.75)	HeckmanB11 (0.71)
RoePS05 R&C	MaraveliasCG04 (0.68)	HarjunkoskiG02 (0.75)	BockmayrP06 (0.84)	ZeballosM09 (0.84)	JainG01 (0.87)
Euclid	WikarekS19 (0.36)	DincbasSH90 (0.38)	Pape94 (0.39)	Bartak02 (0.39)	Goltz95 (0.39)
Dot	Malapert11 (166.00)	Baptiste02 (155.00)	ZarandiASC20 (146.00)	HarjunkoskiMBC14 (142.00)	Fahimi16 (141.00)
Cosine	WikarekS19 (0.73)	DincbasSH90 (0.69)	TrentesauxPT01 (0.69)	Pape94 (0.68)	GrimesH10 (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)	RiiseML16 (0.34)	GhandehariK22 (0.34)
Dot	ZarandiASC20 (135.00)	RoshanaeiN21 (135.00)	RoshanaeiLAU17 (133.00)	Lombardi10 (132.00)	Groleaz21 (132.00)
Cosine	RoshanaeiN21 (0.80)	NaderiBZR23 (0.79)	RoshanaeiLAU17 (0.77)	RiiseML16 (0.75)	DoulabiRP16 (0.75)
RoshanaeiLAU17 R&C	RoshanaeiLAU17a (0.56)	RoshanaeiBAUB20 (0.69)	RiiseML16 (0.69)	DoulabiRP16 (0.70)	ZarandiB12 (0.75)
Euclid	DoulabiRP16 (0.32)	RoshanaeiBAUB20 (0.34)	NaderiBZR23 (0.35)	ElciOH22 (0.37)	ForbesHJST24 (0.37)
Dot	ZarandiASC20 (155.00)	Groleaz21 (143.00)	Lombardi10 (135.00)	NaderiRR23 (133.00)	RoshanaeiBAUB20 (133.00)
Cosine	DoulabiRP16 (0.78)	RoshanaeiBAUB20 (0.77)	NaderiBZR23 (0.77)	ForbesHJST24 (0.71)	ElciOH22 (0.71)
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 (0.34)	NaderiBZ22 (0.34)	RiiseML16 (0.38)	GurEA19 (0.38)
Dot	NaderiBZ23 (145.00)	NaderiRR23 (142.00)	NaderiBZ22 (141.00)	Groleaz21 (136.00)	RoshanaeiBAUB20 (135.00)
Cosine	RoshanaeiBAUB20 (0.80)	NaderiBZ23 (0.79)	NaderiBZ22 (0.78)	RiiseML16 (0.69)	RoshanaeiLAU17 (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)	ChapadosJR11 (0.29)	GomesHS06 (0.29)	AbrilSB05 (0.29)
Dot	Astrand21 (64.00)	HarjunkoskiMBC14 (64.00)	ZarandiASC20 (63.00)	Groleaz21 (62.00)	Lombardi10 (61.00)
Cosine	KhemmoudjPB06 (0.62)	LozanoCDS12 (0.59)	SunLYL10 (0.58)	BridiBLMB16 (0.56)	LombardiMRB10 (0.55)
RoweJCA96 R&C					
Euclid	Hunsberger08 (0.21)	LiuJ06 (0.22)	Davis87 (0.22)	FukunagaHFAMN02 (0.23)	AngelsmarkJ00 (0.23)
Dot	Lombardi10 (76.00)	Astrand21 (68.00)	Groleaz21 (68.00)	Schutt11 (66.00)	Dejemeppe16 (66.00)
Cosine	Hunsberger08 (0.72)	AstrandJZ18 (0.70)	BorghesiBLMB18 (0.69)	ErtlK91 (0.68)	LozanoCDS12 (0.68)
RuggieroBBMA09 R&C	BeniniBGM06 (0.84)	Hooker05 (0.87)	ChuX05 (0.88)	BeniniBGM05 (0.88)	CambazardJ05 (0.89)
Euclid	BeniniBGM05 (0.29)	BeniniBGM06 (0.29)	BeniniLMR08 (0.32)	LozanoCDS12 (0.34)	BeniniLMMR08 (0.36)
Dot	Lombardi10 (150.00)	LombardiMRB10 (120.00)	ZarandiASC20 (117.00)	Astrand21 (116.00)	Malapert11 (115.00)
Cosine	BeniniBGM05 (0.80)	BeniniBGM06 (0.79)	BeniniLMR08 (0.74)	LombardiMRB10 (0.73)	BeniniLMR11 (0.71)
RussellU06 R&C	HenzMT04 (0.71)	Trick03 (0.73)	RasmussenT06 (0.77)	RasmussenT07 (0.78)	Henz01 (0.79)
Euclid	HenzMT04 (0.27)	EastonNT02 (0.27)	Trick03 (0.28)	RasmussenT06 (0.28)	ZhangLS12 (0.29)
Dot	KanetAG04 (93.00)	Lemos21 (93.00)	KendallKRU10 (91.00)	ZarandiASC20 (88.00)	Dejemeppe16 (85.00)
Cosine	HenzMT04 (0.75)	EastonNT02 (0.74)	Trick03 (0.73)	LarsonJC14 (0.72)	RasmussenT06 (0.72)
SacramentoSP20 R&C	Pinarbasi21 (0.80)	MengLZB21 (0.83)	AbreuAPNM21 (0.83)	KizilayC20 (0.91)	LunardiBLRV20 (0.92)
Euclid	MalapertCGJLR13 (0.43)	GedikKBR17 (0.44)	UnsalO13 (0.45)	HubnerGSV21 (0.45)	AfsarVPG23 (0.46)
Dot	Groleaz21 (212.00)	ZarandiASC20 (195.00)	Lunardi20 (194.00)	Astrand21 (188.00)	LaborieRSV18 (183.00)
Cosine	MalapertCGJLR13 (0.70)	UnsalO13 (0.69)	AfsarVPG23 (0.68)	AbreuPNF23 (0.67)	LuZZYW24 (0.67)
SadehF96 R&C	BeckF00 (0.87)	MintonJPL92 (0.89)	BartakSR10 (0.90)	Wallace96 (0.93)	JussienL02 (0.93)
Euclid	CestaOF99 (0.28)	SmithC93 (0.29)	CestaOS00 (0.29)	BeckDF97 (0.30)	BeckDSF97a (0.31)
Dot	Lombardi10 (161.00)	Beck99 (159.00)	ZarandiASC20 (156.00)	Astrand21 (153.00)	Dejemeppe16 (153.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	CestaOF99 (0.83)	SmithC93 (0.81)	CestaOS00 (0.81)	BeckDF97 (0.79)	BeckF00 (0.79)
Sadykov04 R&C	SadykovW06 (0.66)	HamdiL13 (0.79)	ChuX05 (0.82)	Beck10 (0.82)	CireCH13 (0.82)
Euclid	SadykovW06 (0.22)	Limtanyakul07 (0.24)	ChuX05 (0.28)	MakMS10 (0.28)	BockmayrP06 (0.28)
Dot	Baptiste02 (102.00)	Groleaz21 (99.00)	Malapert11 (95.00)	ZarandiASC20 (92.00)	Dejemeppe16 (91.00)
Cosine	SadykovW06 (0.83)	Limtanyakul07 (0.76)	MalapertGR12 (0.72)	ChuX05 (0.71)	Colombani96 (0.69)
SadykovW06 R&C	Sadykov04 (0.66)	BockmayrP06 (0.82)	Hooker05 (0.83)	ChuX05 (0.86)	Beck10 (0.87)
Euclid	Sadykov04 (0.22)	BenediktSMVH18 (0.27)	CatusseCBL16 (0.29)	Limtanyakul07 (0.29)	Colombani96 (0.32)
Dot	Baptiste02 (103.00)	Groleaz21 (98.00)	ZarandiASC20 (91.00)	BartakSR10 (84.00)	Malapert11 (84.00)
Cosine	Sadykov04 (0.83)	BenediktSMVH18 (0.72)	CatusseCBL16 (0.69)	AkkerDH07 (0.68)	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 (0.33)	HeckmanB11 (0.34)	Beck07 (0.34)	KovacsV04 (0.35)	Pape94 (0.35)
Dot	Lombardi10 (161.00)	Malapert11 (159.00)	Beck99 (155.00)	Baptiste02 (154.00)	Fahimi16 (154.00)
Cosine	KamarainenS02 (0.76)	HeckmanB11 (0.75)	Beck07 (0.74)	BartakSR08 (0.73)	BaptisteP95 (0.73)
Salido10 R&C	BartakS11 (0.75)	Colombani96 (0.83)	NuijtenA96 (0.85)	Rodriguez07 (0.86)	Zhou96 (0.88)
Euclid	BartakS11 (0.25)	BocewiczBB09 (0.26)	Prosser89 (0.26)	KengY89 (0.26)	FukunagaHFAMN02 (0.27)
Dot	ZarandiASC20 (122.00)	Dejemeppe16 (112.00)	Beck99 (103.00)	Lombardi10 (101.00)	Astrand21 (98.00)
Cosine	BartakS11 (0.75)	BocewiczBB09 (0.75)	Prosser89 (0.73)	KengY89 (0.72)	ZarandiKS16 (0.71)
Schaerf96 R&C					
Euclid					
Dot					
Cosine					
Schaerf97 R&C					
Euclid	LimAHO02a (0.20)	EastonNT02 (0.22)	JelinekB16 (0.23)	FeldmanG89 (0.23)	YoshikawaKNW94 (0.24)
Dot	ZarandiASC20 (55.00)	KendallKRU10 (54.00)	Lemos21 (49.00)	RussellU06 (48.00)	KanetAG04 (46.00)
Cosine	LimAHO02a (0.70)	EastonNT02 (0.69)	RussellU06 (0.65)	HenzMT04 (0.63)	JelinekB16 (0.61)
SchausD08 R&C					
Euclid	BukchinR18 (0.27)	TopaloglusS12 (0.29)	AlakaPY19 (0.29)	GomesHS06 (0.29)	BandaSC11 (0.30)
Dot	Dejemeppe16 (78.00)	Godet21a (76.00)	Schutt11 (73.00)	Malapert11 (72.00)	Lombardi10 (71.00)
Cosine	TopaloglusS12 (0.69)	BukchinR18 (0.68)	AlakaPY19 (0.62)	PinarbasiAY19 (0.60)	LombardiMB13 (0.57)
SchausHMCMD11 R&C	HentenryckM08 (0.64)	GarganiR07 (0.67)	HeinzSSW12 (0.69)	PerronSF04 (0.82)	GaySS14 (0.83)
Euclid	HentenryckM08 (0.28)	GarganiR07 (0.28)	HeinzSSW12 (0.30)	BandaSC11 (0.35)	LiuLH19a (0.36)
Dot	Dejemeppe16 (84.00)	Lombardi10 (73.00)	Siala15a (70.00)	Astrand21 (68.00)	Godet21a (67.00)
Cosine	HentenryckM08 (0.72)	GarganiR07 (0.72)	HeinzSSW12 (0.67)	LiuLH19a (0.56)	BandaSC11 (0.50)
SchildW00 R&C	HladikCDJ08 (0.95)	BenoistGR02 (0.97)	CambazardHDJT04 (0.98)	Thorsteinsson01 (0.99)	JainG01 (1.00)
Euclid	Zhou96 (0.34)	Pape94 (0.34)	KorbaaYG99 (0.36)	CrawfordB94 (0.36)	HeipckeCCS00 (0.37)
Dot	Lombardi10 (146.00)	Groleaz21 (144.00)	Malapert11 (141.00)	Astrand21 (138.00)	Fahimi16 (138.00)
Cosine	Pape94 (0.72)	Zhou96 (0.72)	BartakSR08 (0.71)	Zhou97 (0.69)	CauwelaertDS20 (0.69)
SchnellH15 R&C	SchnellH17 (0.61)	SzerediS16 (0.79)	SchuttFSW13 (0.79)	KreterSSZ18 (0.80)	KreterSS15 (0.82)
Euclid	SchnellH17 (0.20)	BofillCSV17 (0.28)	SchuttCSW12 (0.29)	SzerediS16 (0.30)	abs-1009-0347 (0.30)
Dot	Schutt11 (158.00)	Caballero19 (150.00)	Godet21a (147.00)	Lombardi10 (145.00)	Groleaz21 (135.00)
Cosine	SchnellH17 (0.91)	BofillCSV17 (0.81)	SchuttCSW12 (0.80)	abs-1009-0347 (0.80)	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 (0.29)	BofillCSV17 (0.31)	SchuttCSW12 (0.31)	BofillCSV17a (0.32)
Dot	Schutt11 (147.00)	Caballero19 (134.00)	SchnellH15 (133.00)	Godet21a (132.00)	Lombardi10 (129.00)
Cosine	SchnellH15 (0.91)	BertholdHLMS10 (0.78)	SchuttCSW12 (0.75)	HillTV21 (0.74)	SchuttS16 (0.74)
Schreuder92 R&C	Henz01 (0.72)	RasmussenT07 (0.81)	Trick03 (0.85)	HenzMT04 (0.87)	ElfJR03 (0.91)
Euclid	FukunagaHFAMN02 (0.18)	AbrilSB05 (0.20)	CarchraeBF05 (0.20)	FrostD98 (0.20)	HebrardTW05 (0.20)
Dot	ZarandiASC20 (47.00)	Lemos21 (42.00)	Nuijten94 (39.00)	Astrand21 (38.00)	Froger16 (38.00)
Cosine	FukunagaHFAMN02 (0.66)	LimRX04 (0.66)	KletzanderM17 (0.63)	YoshikawaKNW94 (0.61)	DoRZ08 (0.59)
Schutt11 R&C					
Euclid	SchuttFSW11 (0.43)	SchuttFS13a (0.48)	Caballero19 (0.48)	FahimiOQ18 (0.49)	SchuttFSW13 (0.51)
Dot	Lombardi10 (279.00)	Dejemeppe16 (277.00)	Malapert11 (274.00)	Baptiste02 (262.00)	Godet21a (257.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	SchuttFSW11 (0.81)	SchuttFS13a (0.77)	Caballero19 (0.76)	FahimiOQ18 (0.75)	SchuttFSW13 (0.73)
SchuttCSW12 R&C	GuSW12 (0.59)	GuSS13 (0.66)	KreterSS15 (0.70)	GuSSWC14 (0.72)	SchuttFSW11 (0.78)
Euclid	SchuttS16 (0.25)	GuSW12 (0.26)	abs-1009-0347 (0.27)	GuSS13 (0.27)	SchuttFSW09 (0.28)
Dot	Schutt11 (121.00)	Lombardi10 (117.00)	SchuttFSW11 (116.00)	Godet21a (116.00)	Caballero19 (116.00)
Cosine	SchuttS16 (0.83)	abs-1009-0347 (0.83)	SchnellH15 (0.80)	SchuttFSW09 (0.79)	GuSW12 (0.78)
SchuttFS13 R&C	KreterSS15 (0.68)	SzerediS16 (0.72)	SchuttFS13a (0.76)	SchuttCSW12 (0.82)	SialaAH15 (0.82)
Euclid	SialaAH15 (0.27)	KovacsV06 (0.33)	Vilim05 (0.34)	FontaineMH16 (0.34)	TorresL00 (0.34)
Dot	Lombardi10 (161.00)	Schutt11 (158.00)	Godet21a (155.00)	Siala15a (150.00)	Baptiste02 (149.00)
Cosine	SialaAH15 (0.83)	Bit-Monnot23 (0.76)	TorresL00 (0.75)	VilimLS15 (0.74)	Vilim05 (0.74)
SchuttFS13a R&C	SchuttFSW15 (0.68)	SchuttFSW11 (0.68)	OuelletQ13 (0.70)	Vilim11 (0.70)	SchuttW10 (0.70)
Euclid	SchuttFSW11 (0.27)	SchuttFSW09 (0.30)	abs-1009-0347 (0.30)	Vilim11 (0.31)	OuelletQ18 (0.32)
Dot	Schutt11 (195.00)	Lombardi10 (175.00)	SchuttFSW11 (171.00)	Caballero19 (171.00)	Baptiste02 (164.00)
Cosine	SchuttFSW11 (0.88)	SchuttFSW09 (0.82)	abs-1009-0347 (0.82)	Vilim11 (0.80)	SchuttFSW13 (0.79)
SchuttFSW09 R&C	SchuttFSW11 (0.63)	HeinzS11 (0.86)	SchuttFS13a (0.88)	SchuttCSW12 (0.88)	Vilim09 (0.88)
Euclid	abs-1009-0347 (0.26)	SchuttFSW11 (0.27)	SchuttCSW12 (0.28)	SchuttFSW13 (0.29)	SchuttFS13a (0.30)
Dot	Schutt11 (157.00)	SchuttFSW11 (148.00)	Godet21a (145.00)	Lombardi10 (140.00)	Caballero19 (133.00)
Cosine	SchuttFSW11 (0.89)	abs-1009-0347 (0.84)	SchuttFSW13 (0.82)	SchuttFS13a (0.82)	SchuttCSW12 (0.79)
SchuttFSW11 R&C	SchuttFSW09 (0.63)	SchuttFS13a (0.68)	SchuttFSW13 (0.71)	SchuttW10 (0.75)	SchuttCSW12 (0.78)
Euclid	SchuttFSW09 (0.27)	SchuttFS13a (0.27)	abs-1009-0347 (0.33)	LiessM08 (0.35)	SchuttFSW13 (0.37)
Dot	Schutt11 (226.00)	Lombardi10 (200.00)	Baptiste02 (188.00)	Dejemeppe16 (186.00)	Godet21a (185.00)
Cosine	SchuttFSW09 (0.89)	SchuttFS13a (0.88)	Schutt11 (0.81)	abs-1009-0347 (0.81)	LiessM08 (0.78)
SchuttFSW13 R&C	SchuttFSW15 (0.64)	SchuttFSW11 (0.71)	SchuttFS13a (0.77)	KreterSS15 (0.78)	SchuttCSW12 (0.78)
Euclid	abs-1009-0347 (0.20)	SchuttFSW09 (0.29)	SchuttS16 (0.30)	BofillCSV17a (0.31)	SchuttCSW12 (0.31)
Dot	Schutt11 (179.00)	Caballero19 (164.00)	Lombardi10 (159.00)	Godet21a (155.00)	abs-1009-0347 (147.00)
Cosine	abs-1009-0347 (0.92)	SchuttFSW09 (0.82)	KreterSSZ18 (0.80)	SchuttS16 (0.80)	BofillCSV17a (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 (0.25)	YoungFS17 (0.28)	BofillCSV17a (0.29)	abs-1009-0347 (0.29)	SzerediS16 (0.30)
Dot	Godet21a (136.00)	Schutt11 (136.00)	Lombardi10 (133.00)	Caballero19 (131.00)	Beck99 (125.00)
Cosine	SchuttCSW12 (0.83)	YoungFS17 (0.81)	abs-1009-0347 (0.80)	SchuttFSW13 (0.80)	SzerediS16 (0.78)
SchuttW10 R&C	Vilim09 (0.57)	OuelletQ13 (0.62)	KameugneF13 (0.62)	Vilim11 (0.63)	KameugneFSN11 (0.63)
Euclid	KameugneFSN11 (0.26)	SchuttWS05 (0.26)	KameugneFSN14 (0.29)	OuelletQ18 (0.29)	KameugneFGOQ18 (0.30)
Dot	Schutt11 (133.00)	Baptiste02 (126.00)	Lombardi10 (123.00)	Fahimi16 (123.00)	Dejemeppe16 (122.00)
Cosine	KameugneFSN11 (0.82)	KameugneFSN14 (0.81)	SchuttWS05 (0.79)	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 (0.25)	MercierH08 (0.25)	BockmayrP06 (0.25)	PoderB08 (0.26)	SchuttW10 (0.26)
Dot	Baptiste02 (104.00)	Dejemeppe16 (102.00)	Lombardi10 (102.00)	Beck99 (99.00)	Groleaz21 (96.00)
Cosine	SchuttW10 (0.79)	MercierH08 (0.77)	BeldiceanuP07 (0.76)	BockmayrP06 (0.76)	PoderB08 (0.74)
SenderovichBB19 R&C					
Euclid	BeckPS03 (0.32)	PacinoH11 (0.33)	LombardiBM15 (0.33)	HentenryckM04 (0.34)	HeipckeCCS00 (0.34)
Dot	Dejemeppe16 (156.00)	ZarandiASC20 (150.00)	Lombardi10 (147.00)	Lunardi20 (142.00)	Astrand21 (140.00)
Cosine	BeckPS03 (0.76)	PacinoH11 (0.73)	HentenryckM04 (0.73)	LombardiBM15 (0.72)	KhayatLR06 (0.72)
SerraNM12 R&C	DavenportKRSH07 (0.90)	WatsonB08 (0.92)	SimoninAHL15 (0.92)	BeldiceanuP07 (0.93)	BeckFW11 (0.94)
Euclid	KhemmoudjPB06 (0.30)	ZibranR11a (0.31)	GilesH16 (0.32)	PoderB08 (0.32)	ZibranR11 (0.32)
Dot	Beck99 (111.00)	Lombardi10 (109.00)	Dejemeppe16 (108.00)	Groleaz21 (105.00)	LaborieRSV18 (104.00)
Cosine	KhemmoudjPB06 (0.69)	AalianPG23 (0.68)	GoelSHFS15 (0.67)	ZibranR11a (0.67)	GilesH16 (0.66)
ShaikhK23 R&C					
Euclid	Puget95 (0.26)	LauLN08 (0.27)	BridiLBBM16 (0.27)	AngelsmarkJ00 (0.28)	FukunagaHFAMN02 (0.28)
Dot	ZarandiASC20 (97.00)	Astrand21 (91.00)	Beck99 (88.00)	Lemos21 (86.00)	Groleaz21 (82.00)
Cosine	Salido10 (0.68)	BorghesiBLMB18 (0.66)	DemirovicS18 (0.66)	Puget95 (0.65)	BridiLBBM16 (0.65)
ShiYXQ22 R&C	ZhuSZW23 (0.73)	ZhangYW21 (0.84)	NaderiBZ22a (0.85)	ColT19 (0.91)	LunardiBLRV20 (0.95)
Euclid					
Dot					

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine					
ShinBBHO18 R&C	BourdaisGP03 (0.97)	FrohnerTR19 (0.97)	HoYCLLCLC18 (0.98)	AntunesABD20 (0.98)	Tom19 (0.98)
Euclid	HoYCLLCLC18 (0.24)	LuoVLBM16 (0.30)	WeilHFP95 (0.31)	BourdaisGP03 (0.31)	LudwigKRBMS14 (0.32)
Dot	Dejemeppe16 (87.00)	ZarandiASC20 (83.00)	SenderovichBB19 (75.00)	Wolf11 (72.00)	Astrand21 (70.00)
Cosine	HoYCLLCLC18 (0.76)	WeilHFP95 (0.63)	LuoVLBM16 (0.63)	SenderovichBB19 (0.62)	Wolf11 (0.62)
Siala15 R&C	OhrimenkoSC09 (0.99)				
Euclid	Siala15a (0.32)	GrimesHM09 (0.52)	Bit-Monnot23 (0.53)	SialaAH15 (0.54)	FocacciLN00 (0.54)
Dot	Siala15a (308.00)	Malapert11 (202.00)	Dejemeppe16 (199.00)	Godet21a (184.00)	Groleaz21 (183.00)
Cosine	Siala15a (0.91)	GrimesHM09 (0.63)	Bit-Monnot23 (0.62)	FocacciLN00 (0.61)	SialaAH15 (0.60)
Siala15a R&C					
Euclid	Siala15 (0.32)	Bit-Monnot23 (0.55)	SialaAH15 (0.57)	GrimesH10 (0.59)	GrimesHM09 (0.59)
Dot	Siala15 (308.00)	Dejemeppe16 (245.00)	Godet21a (242.00)	Malapert11 (242.00)	Groleaz21 (228.00)
Cosine	Siala15 (0.91)	Bit-Monnot23 (0.68)	SialaAH15 (0.67)	GrimesH10 (0.63)	Caballero19 (0.63)
SialaAH15 R&C	KreterSS15 (0.79)	SchuttFS13 (0.82)	SzerediS16 (0.83)	SchuttCSW12 (0.85)	GrimesHM09 (0.88)
Euclid	SchuttFS13 (0.27)	CarchraeB09 (0.28)	KovacsV06 (0.29)	Bit-Monnot23 (0.29)	HeipckeCCS00 (0.29)
Dot	Siala15a (152.00)	Godet21a (151.00)	Baptiste02 (146.00)	Schutt11 (142.00)	Groleaz21 (140.00)
Cosine	SchuttFS13 (0.83)	Bit-Monnot23 (0.82)	CarchraeB09 (0.79)	TorresL00 (0.79)	VilimLS15 (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 (0.24)	Bonfietti16 (0.24)	BeldiceanuP07 (0.24)
Dot	Lombardi10 (99.00)	Schutt11 (97.00)	Fahimi16 (96.00)	Godet21a (95.00)	Malapert11 (94.00)
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 (0.24)	WolfS05 (0.24)	LudwigKRBMS14 (0.25)
Dot	Malapert11 (102.00)	Lombardi10 (100.00)	Godet21a (99.00)	Schutt11 (98.00)	Groleaz21 (96.00)
Cosine	SimoninAHL12 (0.88)	BeldiceanuP07 (0.79)	PoderB08 (0.77)	WolfS05 (0.76)	LudwigKRBMS14 (0.74)
Simonis07 R&C	SimoninAHL12 (0.84)	Simonis99 (0.86)	BosiM2001 (0.86)	SimonisCK00 (0.86)	SimonisC95 (0.88)
Euclid	Simonis99 (0.41)	HarjunkoskiG02 (0.42)	BockmayrP06 (0.43)	JainG01 (0.43)	Simonis95a (0.44)
Dot	Dejemeppe16 (179.00)	Malapert11 (172.00)	ZarandiASC20 (169.00)	Fahimi16 (157.00)	HookerH17 (153.00)
Cosine	Simonis99 (0.72)	HarjunkoskiG02 (0.69)	JainG01 (0.68)	BockmayrP06 (0.67)	Simonis95a (0.66)
Simonis95 R&C	Simonis95a (0.68)	AggounV04 (0.71)	SimonisCK00 (0.75)	SimonisC95 (0.82)	BeldiceanuCDP11 (0.82)
Euclid	DincbasS91 (0.22)	AngelsmarkJ00 (0.24)	LiuJ06 (0.24)	CestaOS98 (0.24)	LudwigKRBMS14 (0.24)
Dot	Simonis99 (71.00)	Simonis07 (68.00)	BeldiceanuC94 (65.00)	Wallace96 (61.00)	BosiM2001 (61.00)
Cosine	Simonis95a (0.79)	GruianK98 (0.76)	BeldiceanuC94 (0.75)	Simonis99 (0.72)	SimonisCK00 (0.71)
Simonis95a R&C	Simonis99 (0.63)	Simonis95 (0.68)	SimonisC95 (0.75)	Goltz95 (0.79)	AggounV04 (0.88)
Euclid	Simonis95 (0.25)	Simonis99 (0.27)	GruianK98 (0.27)	SimonisC95 (0.28)	Goltz95 (0.31)
Dot	Simonis99 (124.00)	Beck99 (106.00)	Simonis07 (104.00)	Lombardi10 (101.00)	Wallace96 (100.00)
Cosine	Simonis99 (0.86)	Simonis95 (0.79)	SimonisC95 (0.77)	GruianK98 (0.76)	Wallace96 (0.73)
Simonis99 R&C	Simonis95a (0.63)	SimonisCK00 (0.81)	SimonisC95 (0.81)	Goltz95 (0.84)	MilanoORT02 (0.85)
Euclid	Simonis95a (0.27)	SimonisC95 (0.37)	SimonisCK00 (0.37)	Wallace96 (0.37)	Simonis95 (0.38)
Dot	Beck99 (152.00)	Simonis07 (149.00)	Malapert11 (149.00)	Lombardi10 (147.00)	Schutt11 (142.00)
Cosine	Simonis95a (0.86)	Wallace96 (0.74)	Simonis07 (0.72)	SimonisC95 (0.72)	Simonis95 (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 (0.30)	Simonis95 (0.31)	PoderBS04 (0.32)	Caseau97 (0.33)
Dot	Simonis99 (108.00)	Simonis07 (101.00)	Beck99 (101.00)	BosiM2001 (100.00)	Malapert11 (97.00)
Cosine	Simonis95a (0.77)	Goltz95 (0.74)	Simonis99 (0.72)	Simonis95 (0.68)	PoderBS04 (0.68)
SimonisCK00 R&C	Simonis95 (0.75)	Geske05 (0.75)	SimonisC95 (0.77)	AggounV04 (0.78)	Simonis99 (0.81)
Euclid	Simonis95 (0.27)	PoderB08 (0.28)	PoderBS04 (0.29)	WolfS05 (0.29)	MurphyMB15 (0.30)
Dot	Simonis99 (98.00)	Simonis07 (95.00)	Malapert11 (92.00)	Beck99 (88.00)	LaborieRSV18 (86.00)
Cosine	Simonis99 (0.72)	Simonis95 (0.71)	PoderB08 (0.70)	PoderBS04 (0.70)	SimoninAHL15 (0.68)
SimonisH11 R&C	OuelletQ13 (0.74)	HoundjiSWD14 (0.75)	Vilim09 (0.77)	LetortCB15 (0.83)	KameugneFSN11 (0.83)
Euclid	PoderB08 (0.20)	BeldiceanuP07 (0.20)	WolfS05 (0.21)	BeniniBGM05a (0.24)	PoderBS04 (0.25)
Dot	Malapert11 (77.00)	Dejemeppe16 (72.00)	Fahimi16 (71.00)	Beck99 (70.00)	Baptiste02 (70.00)
Cosine	PoderB08 (0.80)	WolfS05 (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 (0.21)	Davis87 (0.24)	ZhangLS12 (0.25)	GelainPRVW17 (0.25)	AbrilSB05 (0.25)
Dot	Lombardi10 (58.00)	Lemos21 (58.00)	Malapert11 (54.00)	Baptiste02 (54.00)	Wallace96 (53.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	HookerOTK00 (0.68)	FeldmanG89 (0.64)	Hooker05b (0.63)	BartakS11 (0.63)	Bartak02 (0.63)
SmithC93 R&C					
Euclid	OddiS97 (0.20)	FoxAS82 (0.24)	ValleMGT03 (0.26)	DilkinaDH05 (0.26)	LauLN08 (0.26)
Dot	ZarandiASC20 (103.00)	Groleaz21 (101.00)	LaborieRSV18 (99.00)	Astrand21 (99.00)	Dejemeppe16 (99.00)
Cosine	OddiS97 (0.84)	SadehF96 (0.81)	FoxAS82 (0.76)	CestaOF99 (0.75)	BeckPS03 (0.74)
SourdN00 R&C	TorresL00 (0.72)	DorndorfHP99 (0.76)	MonetteDD07 (0.81)	DorndorfPH99 (0.81)	TanSD10 (0.84)
Euclid	MenciaSV13 (0.29)	MenciaSV12 (0.30)	NuijtenA96 (0.31)	NuijtenP98 (0.32)	ArtiguesBF04 (0.32)
Dot	Baptiste02 (181.00)	Groleaz21 (159.00)	Malapert11 (154.00)	ZarandiASC20 (150.00)	Godet21a (150.00)
Cosine	MenciaSV12 (0.81)	MenciaSV13 (0.81)	NuijtenP98 (0.78)	BartakSR08 (0.77)	NuijtenA96 (0.77)
SquillaciPR23 R&C	BartoliniBBLM14 (0.95)	ParkUJR19 (0.95)	GilesH16 (0.96)	ZhangYW21 (0.96)	Laborie18a (0.97)
Euclid	KucukY19 (0.27)	ZibranR11 (0.32)	FrankDT16 (0.32)	VerfaillieL01 (0.33)	ZibranR11a (0.34)
Dot	Lemos21 (83.00)	Groleaz21 (81.00)	LaborieRSV18 (80.00)	Astrand21 (76.00)	ZarandiASC20 (74.00)
Cosine	KucukY19 (0.72)	VerfaillieL01 (0.60)	AlesioBNG15 (0.59)	PraletLJ15 (0.59)	FrankDT16 (0.58)
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	RasmussenT06 (0.16)	EastonNT02 (0.17)	ElfJR03 (0.20)	NaqviAIAAA22 (0.22)	Trick03 (0.23)
Dot	KendallKRU10 (65.00)	Ribeiro12 (61.00)	RasmussenT09 (60.00)	RasmussenT07 (58.00)	RasmussenT06 (55.00)
Cosine	RasmussenT06 (0.87)	EastonNT02 (0.83)	RasmussenT09 (0.80)	RasmussenT07 (0.78)	Trick03 (0.77)
SubulanC22 R&C	YuraszeckMPV22 (0.91)	HauderBRPA20 (0.92)	ArkhipovBL19 (0.93)	SchnellH17 (0.94)	ZouZ20 (0.96)
Euclid	HubnerGSV21 (0.37)	LombardiM09 (0.41)	CampeauG22 (0.42)	QuirogaZH05 (0.42)	ZouZ20 (0.43)
Dot	ZarandiASC20 (191.00)	Groleaz21 (179.00)	Lombardi10 (174.00)	Astrand21 (172.00)	Lunardi20 (165.00)
Cosine	HubnerGSV21 (0.76)	abs-1902-09244 (0.70)	LombardiM09 (0.69)	AfsarVPG23 (0.68)	CampeauG22 (0.68)
SultanikMR07 R&C					
Euclid	Hunsberger08 (0.22)	GomesHS06 (0.26)	ElhouraniDM07 (0.28)	LozanoCDS12 (0.29)	RoweJCA96 (0.29)
Dot	Lemos21 (84.00)	Dejemeppe16 (82.00)	Godet21a (79.00)	Beck99 (79.00)	Groleaz21 (75.00)
Cosine	Hunsberger08 (0.80)	GomesHS06 (0.68)	HoeveGSL07 (0.66)	LozanoCDS12 (0.66)	BehrensLM19 (0.65)
SunLYL10 R&C	CambazardHDJT04 (0.90)	HladikCDJ08 (0.94)	AlesioNBG14 (0.96)	LiuW11 (0.98)	AlesioBNG15 (0.98)
Euclid	GomesHS06 (0.20)	Hunsberger08 (0.20)	CarchraeBF05 (0.22)	AngelsmarkJ00 (0.22)	ChapadosJR11 (0.22)
Dot	Groleaz21 (56.00)	Lombardi10 (53.00)	HarjunkoskiMBC14 (52.00)	HladikCDJ08 (52.00)	ZarandiASC20 (51.00)
Cosine	GomesHS06 (0.72)	Hunsberger08 (0.70)	AbidinK20 (0.67)	LozanoCDS12 (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 (0.33)	CireCH13 (0.34)	LipovetzkyBPS14 (0.34)	Hooker04 (0.36)	CireCH16 (0.36)
Dot	Lombardi10 (114.00)	UnsalO13 (107.00)	ZhuSZW23 (106.00)	QinDCS20 (106.00)	Groleaz21 (106.00)
Cosine	QinDCS20 (0.70)	UnsalO13 (0.69)	CorreaLR07 (0.69)	LipovetzkyBPS14 (0.66)	ElciOH22 (0.65)
SureshMOK06 R&C					
Euclid	AngelsmarkJ00 (0.28)	SunLYL10 (0.28)	GomesHS06 (0.28)	CarchraeBF05 (0.29)	HebrardTW05 (0.29)
Dot	ZarandiASC20 (74.00)	Groleaz21 (72.00)	Beck99 (68.00)	Lombardi10 (66.00)	Froger16 (66.00)
Cosine	TranPZLDB18 (0.64)	BarbulescuWH04 (0.63)	IfrimOS12 (0.60)	LahimerLH11 (0.60)	AkramNHRSA23 (0.60)
SvancaraB22 R&C					
Euclid	FortinZDF05 (0.26)	WallaceF00 (0.27)	ChapadosJR11 (0.28)	RodriguezDG02 (0.28)	CarchraeBF05 (0.28)
Dot	ZarandiASC20 (82.00)	LaborieRSV18 (72.00)	Lemos21 (70.00)	Beck99 (66.00)	Fahimi16 (66.00)
Cosine	TranVNB17 (0.66)	BehrensLM19 (0.66)	FortinZDF05 (0.66)	BenderWS21 (0.63)	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 (0.22)	BofillCSV17 (0.27)	AmadiniGM16 (0.29)	BofillCSV17a (0.29)	SchuttS16 (0.30)
Dot	Godet21a (136.00)	Caballero19 (134.00)	Schutt11 (131.00)	BoudreaultSLQ22 (126.00)	PovedaAA23 (125.00)
Cosine	YoungFS17 (0.88)	KreterSSZ18 (0.80)	BofillCSV17 (0.80)	SchnellH15 (0.78)	KreterSS15 (0.78)
TanSD10 R&C	MonetteDD07 (0.83)	DorndorfHP99 (0.84)	SourdN00 (0.84)	LiuGT10 (0.85)	BaptisteLPN06 (0.86)
Euclid	WatsonB08 (0.23)	BeckFW11 (0.25)	ArtiguesBF04 (0.26)	ArtiguesF07 (0.26)	VilimBC04 (0.27)
Dot	Schutt11 (138.00)	Malapert11 (137.00)	Baptiste02 (137.00)	Groleaz21 (136.00)	Dejemeppe16 (134.00)
Cosine	BeckFW11 (0.84)	WatsonB08 (0.84)	ArtiguesF07 (0.83)	ArtiguesBF04 (0.83)	MenciaSV13 (0.81)
TanT18 R&C	EmeretlisTAV17 (0.77)	CobanH11 (0.88)	MartnezAJ22 (0.88)	CireCH16 (0.89)	NaderiRBAU21 (0.89)
Euclid	Mehdizadeh-Somarin23 (0.33)	BillautHL12 (0.33)	GuyonLPR12 (0.34)	TranB12 (0.34)	ArtiguesBF04 (0.35)
Dot	NaderiRR23 (137.00)	Groleaz21 (137.00)	ZarandiASC20 (132.00)	Baptiste02 (131.00)	Lunardi20 (128.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	JuvinHL22 (0.77)	TranB12 (0.74)	NaderiBZ22a (0.74)	GuyonLPR12 (0.74)	Mehdizadeh-Somarin23 (0.72)
TanZWGQ19 R&C	CobanH10 (0.94)	HamdiL13 (0.94)	ChuX05 (0.94)	GongLMW09 (0.94)	ZeballosM09 (0.94)
Euclid	JuvinHL23 (0.33)	CzerniachowskaWZ23 (0.34)	BarlattCG08 (0.34)	Limtanyakul07 (0.34)	EdisO11 (0.34)
Dot	Lunardi20 (141.00)	ZarandiASC20 (126.00)	Astrand21 (114.00)	MengZRZL20 (113.00)	Groleaz21 (111.00)
Cosine	CzerniachowskaWZ23 (0.75)	MurinR19 (0.69)	NaderiBZ23 (0.69)	NaderiBZ22 (0.69)	QinDS16 (0.67)
TangB20 R&C	KoschB14 (0.83)	ArmstrongGOS21 (0.86)	MalapertGR12 (0.86)	CappartS17 (0.88)	HamFC17 (0.88)
Euclid	HamdiL13 (0.36)	BajestaniB11 (0.37)	Beck10 (0.37)	Limtanyakul07 (0.38)	CobanH10 (0.38)
Dot	Malapert11 (117.00)	ZarandiASC20 (115.00)	Lunardi20 (115.00)	Lombardi10 (114.00)	LaborieRSV18 (113.00)
Cosine	HamdiL13 (0.68)	BajestaniB11 (0.66)	CobanH11 (0.65)	Beck10 (0.64)	MalapertGR12 (0.64)
TangLWSK18 R&C	ZouZ20 (0.80)	LiuW11 (0.93)	QuirogaZH05 (0.95)	KovacsV04 (0.95)	GedikKBR17 (0.95)
Euclid	ZouZ20 (0.32)	ZibranR11a (0.32)	Salido10 (0.34)	ZibranR11 (0.35)	ZeballosM09 (0.35)
Dot	ZarandiASC20 (147.00)	Lombardi10 (129.00)	Dejemeppe16 (125.00)	Lemos21 (121.00)	Astrand21 (119.00)
Cosine	ZouZ20 (0.74)	ZibranR11a (0.71)	ZeballosM09 (0.68)	LiuW11 (0.68)	Salido10 (0.67)
TardivoDFMP23 R&C	OuelletQ18 (0.76)	OuelletQ13 (0.77)	Tesch18 (0.78)	GayHS15a (0.79)	Tesch16 (0.80)
Euclid	GayHS15a (0.32)	Vilim11 (0.32)	OuelletQ18 (0.32)	KameugneFSN14 (0.36)	KameugneFSN11 (0.36)
Dot	Fahimi16 (162.00)	Schutt11 (154.00)	Dejemeppe16 (146.00)	Kameugne14 (140.00)	Baptiste02 (139.00)
Cosine	GayHS15a (0.78)	Vilim11 (0.77)	OuelletQ18 (0.77)	KameugneFSN14 (0.74)	SchuttFS13a (0.74)
Tassel22 R&C					
Euclid	IklassovMR023 (0.28)	HebrardTW05 (0.28)	AngelsmarkJ00 (0.29)	LauLN08 (0.29)	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 (0.69)	KotaryFH22 (0.66)	TasselGS23 (0.65)
TasselGS23 R&C					
Euclid	abs-2306-05747 (0.00)	WatsonB08 (0.30)	IklassovMR023 (0.30)	BeckFW11 (0.31)	CarchraeB09 (0.31)
Dot	abs-2306-05747 (145.00)	ZarandiASC20 (144.00)	Groleaz21 (144.00)	ColT22 (135.00)	Astrand21 (133.00)
Cosine	abs-2306-05747 (1.00)	BeckFW11 (0.78)	CarchraeB09 (0.77)	WatsonB08 (0.77)	IklassovMR023 (0.77)
Tay92 R&C					
Euclid					
Dot					
Cosine					
Teppan22 R&C					
Euclid	abs-2102-08778 (0.27)	HamP21 (0.29)	WatsonB08 (0.31)	JuvinHL23 (0.32)	TanSD10 (0.32)
Dot	ZarandiASC20 (128.00)	ColT22 (127.00)	Baptiste02 (125.00)	Lunardi20 (122.00)	Groleaz21 (121.00)
Cosine	abs-2102-08778 (0.78)	HamP21 (0.78)	YuraszeckMCCR23 (0.73)	JuvinHL22 (0.73)	WatsonB08 (0.72)
TerekhovDOB12 R&C	CireCH13 (0.88)	HamdiL13 (0.88)	TrojetHL11 (0.90)	AgussurjaKL18 (0.92)	CobanH10 (0.92)
Euclid	KovacsB11 (0.38)	BeckR03 (0.38)	TouatBT22 (0.39)	MonetteDH09 (0.39)	BillautHL12 (0.39)
Dot	ZarandiASC20 (206.00)	Groleaz21 (205.00)	Baptiste02 (201.00)	Dejemeppe16 (181.00)	Lombardi10 (179.00)
Cosine	KovacsB11 (0.76)	BeckR03 (0.74)	TouatBT22 (0.73)	PrataAN23 (0.73)	MonetteDH09 (0.72)
TerekhovTDB14 R&C	NovasH12 (0.97)	WuBB09 (0.98)	BidotVLB09 (0.99)	Hooker05 (0.99)	HarjunkoskiMBC14 (1.00)
Euclid	ParkUJR19 (0.34)	TranTDB13 (0.35)	Mehdizadeh-Somarin23 (0.36)	TranPZLDB18 (0.37)	ZhouGL15 (0.38)
Dot	ZarandiASC20 (190.00)	Groleaz21 (182.00)	Baptiste02 (163.00)	Astrand21 (161.00)	PrataAN23 (158.00)
Cosine	ParkUJR19 (0.77)	TranTDB13 (0.75)	Mehdizadeh-Somarin23 (0.73)	ZhouGL15 (0.72)	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)	Tesch18 (0.27)	HeinzS11 (0.27)	BertholdHLMS10 (0.28)	DerrienPZ14 (0.29)
Dot	Schutt11 (112.00)	Tesch18 (110.00)	Fahimi16 (110.00)	Lombardi10 (106.00)	Malapert11 (103.00)
Cosine	Tesch18 (0.83)	HeinzS11 (0.78)	DerrienP14 (0.77)	BertholdHLMS10 (0.74)	Vilim11 (0.74)
Tesch18 R&C	OuelletQ18 (0.38)	Tesch16 (0.55)	OuelletQ13 (0.62)	KameugneF13 (0.65)	KameugneFGOQ18 (0.68)
Euclid	Tesch16 (0.27)	HanenKP21 (0.31)	CarlierPSJ20 (0.31)	KameugneFSN11 (0.33)	Limtanyakul07 (0.33)
Dot	Baptiste02 (156.00)	Fahimi16 (152.00)	Lombardi10 (150.00)	Schutt11 (146.00)	Dejemeppe16 (142.00)
Cosine	Tesch16 (0.83)	HanenKP21 (0.79)	CarlierPSJ20 (0.78)	KameugneFSN11 (0.76)	Limtanyakul07 (0.74)
ThiruvadyBME09 R&C	MeyerE04 (0.80)	ZhangLS12 (0.93)	QuirogaZH05 (0.93)	Geske05 (0.93)	EvenSH15 (0.94)
Euclid	MeyerE04 (0.28)	Limtanyakul07 (0.30)	Sadykov04 (0.31)	BillautHL12 (0.33)	Beck06 (0.33)
Dot	Groleaz21 (123.00)	ZarandiASC20 (113.00)	Astrand21 (106.00)	Malapert11 (105.00)	Dejemeppe16 (103.00)
Cosine	MeyerE04 (0.80)	Sadykov04 (0.67)	Limtanyakul07 (0.66)	BillautHL12 (0.66)	Beck06 (0.65)
ThiruvadyWGS14 R&C	GuSS13 (0.74)	GuSSWC14 (0.85)	GuSW12 (0.88)	SchuttCSW12 (0.92)	SchnellH15 (0.93)
Euclid	GuSW12 (0.29)	GuSS13 (0.30)	BeniniBGM05a (0.32)	KovacsV06 (0.34)	CampeauG22 (0.34)
Dot	ZarandiASC20 (138.00)	Groleaz21 (129.00)	Lombardi10 (119.00)	Dejemeppe16 (118.00)	Lunardi20 (113.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GuSS13 (0.73)	GuSW12 (0.72)	abs-2402-00459 (0.72)	HillTV21 (0.67)	CampeauG22 (0.67)
ThomasKS20 R&C	CappartTSR18 (0.85)	MurinR19 (0.87)	LaborieRSV18 (0.92)	Laborie18a (0.92)	ColT2019a (0.92)
Euclid	CappartTSR18 (0.25)	ZibranR11a (0.30)	ZibranR11 (0.31)	DejemeppeD14 (0.32)	abs-2312-13682 (0.32)
Dot	Dejemeppe16 (105.00)	LaborieRSV18 (99.00)	CappartTSR18 (94.00)	Groleaz21 (89.00)	SacramentoSP20 (88.00)
Cosine	CappartTSR18 (0.83)	DejemeppeD14 (0.68)	GoelSHFS15 (0.67)	ZibranR11a (0.64)	GedikKBR17 (0.64)
Thorsteinsson01 R&C	Hooker04 (0.72)	JainG01 (0.74)	Hooker05b (0.76)	Hooker05 (0.77)	CambazardHDJT04 (0.78)
Euclid	HookerO03 (0.27)	HookerY02 (0.28)	BockmayrP06 (0.28)	HookerOTK00 (0.28)	Hooker05b (0.30)
Dot	HookerH17 (108.00)	Lombardi10 (104.00)	MilanoW06 (102.00)	MilanoW09 (101.00)	Malapert11 (99.00)
Cosine	HookerO03 (0.76)	JainG01 (0.76)	HookerOTK00 (0.75)	HookerY02 (0.72)	BockmayrP06 (0.71)
Timpe02 R&C	Hooker06 (0.87)	MaraveliasG04 (0.88)	ChuX05 (0.89)	Hooker05a (0.90)	CambazardHDJT04 (0.91)
Euclid	BockmayrP06 (0.29)	AstrandJZ18 (0.31)	GilesH16 (0.32)	PesantGPR99 (0.32)	MaraveliasCG04 (0.33)
Dot	LaborieRSV18 (108.00)	Malapert11 (105.00)	HarjunkoskiMBC14 (104.00)	Astrand21 (103.00)	Simonis07 (101.00)
Cosine	BockmayrP06 (0.73)	MaraveliasCG04 (0.70)	HookerO99 (0.68)	AstrandJZ18 (0.68)	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)	BarlattCG08 (0.23)	BridiLBBM16 (0.24)	KovacsEKV05 (0.24)	CestaOS98 (0.25)
Dot	ZarandiASC20 (87.00)	Dejemeppe16 (76.00)	Lunardi20 (74.00)	Astrand21 (73.00)	Beck99 (69.00)
Cosine	NovasH14 (0.70)	BridiLBBM16 (0.68)	Salido10 (0.68)	KhayatLR06 (0.67)	ZeballosQH10 (0.66)
TopaloglуO11 R&C	EdisO11a (0.93)	Geske05 (0.94)	BosiM2001 (0.94)	Simonis07 (0.95)	Simonis99 (0.95)
Euclid	PesantGPR99 (0.31)	ZibranR11a (0.32)	BourdaisGP03 (0.33)	FrimodigECM23 (0.33)	DoulabiRP16 (0.33)
Dot	Dejemeppe16 (95.00)	ZarandiASC20 (94.00)	WangMD15 (88.00)	Lemos21 (86.00)	RoshanaeiLAU17 (84.00)
Cosine	FrimodigECM23 (0.70)	WangMD15 (0.69)	DoulabiRP16 (0.66)	PesantGPR99 (0.65)	MeskensDL13 (0.65)
TopaloglуSS12 R&C	BukchinR18 (0.80)	PinarbasiAY19 (0.82)	KizilayC20 (0.84)	OzturkTHO13 (0.85)	AlakaPY19 (0.87)
Euclid	AbidinK20 (0.26)	Alaka21 (0.27)	AlakaP23 (0.27)	AlakaPY19 (0.28)	SchausD08 (0.29)
Dot	Groleaz21 (115.00)	Dejemeppe16 (114.00)	ZarandiASC20 (113.00)	Lunardi20 (110.00)	Edis21 (109.00)
Cosine	AbidinK20 (0.79)	Edis21 (0.79)	CilKLO22 (0.78)	PinarbasiAY19 (0.76)	AlakaP23 (0.75)
TorresL00 R&C	SourdN00 (0.72)	VilimBC05 (0.78)	Vilim04 (0.78)	VilimBC04 (0.83)	DemasseyAM05 (0.85)
Euclid	KovacsV04 (0.28)	BartakSR08 (0.29)	Vilim05 (0.29)	SialaAH15 (0.30)	KovacsV06 (0.30)
Dot	Baptiste02 (167.00)	Dejemeppe16 (152.00)	Fahimi16 (152.00)	Lombardi10 (151.00)	Godet21a (149.00)
Cosine	BartakSR08 (0.82)	KovacsV04 (0.80)	Vilim05 (0.79)	SialaAH15 (0.79)	MenciaSV13 (0.79)
TouatBT22 R&C					
Euclid	NovasH14 (0.36)	QuirogaZH05 (0.36)	MonetteDH09 (0.36)	KhayatLR06 (0.36)	HeipckeCCS00 (0.37)
Dot	ZarandiASC20 (185.00)	Groleaz21 (180.00)	Dejemeppe16 (167.00)	LaborieRSV18 (162.00)	Lunardi20 (160.00)
Cosine	MonetteDH09 (0.74)	NovasH14 (0.73)	TerekhovDOB12 (0.73)	QuirogaZH05 (0.73)	KhayatLR06 (0.72)
Touraivane95 R&C	Puget95 (0.88)	Pape94 (0.99)	AggounB93 (0.99)	Davis87 (1.00)	MintonJPL92 (1.00)
Euclid	FalaschiGMP97 (0.13)	CarchraeBF05 (0.18)	Baptiste09 (0.19)	ChapadosJR11 (0.20)	Tsang03 (0.20)
Dot	BosiM2001 (39.00)	ZarandiASC20 (36.00)	Simonis07 (36.00)	Simonis99 (36.00)	Wallace96 (35.00)
Cosine	FalaschiGMP97 (0.82)	MartinPY01 (0.69)	Bartak02 (0.60)	Thorsteinsson01 (0.60)	PesantGPR99 (0.60)
TranAB16 R&C	HechingHK19 (0.75)	ZarandiB12 (0.78)	Hooker07 (0.80)	CireCH16 (0.81)	Beck10 (0.81)
Euclid	TranB12 (0.19)	GedikKEK18 (0.32)	GomesM17 (0.33)	ArbaouiY18 (0.37)	TanT18 (0.37)
Dot	Groleaz21 (183.00)	ZarandiASC20 (168.00)	TranB12 (164.00)	NaderiRR23 (163.00)	Lunardi20 (153.00)
Cosine	TranB12 (0.93)	GedikKEK18 (0.81)	GomesM17 (0.79)	TanT18 (0.72)	ArbaouiY18 (0.72)
TranB12 R&C					
Euclid	TranAB16 (0.19)	GomesM17 (0.29)	GedikKEK18 (0.32)	TanT18 (0.34)	ArbaouiY18 (0.35)
Dot	TranAB16 (164.00)	Groleaz21 (157.00)	NaderiRR23 (149.00)	ZarandiASC20 (146.00)	YunusogluY22 (138.00)
Cosine	TranAB16 (0.93)	GomesM17 (0.82)	GedikKEK18 (0.80)	TanT18 (0.74)	ArbaouiY18 (0.71)
TranDRFWOVB16 R&C					
Euclid	JoLLH99 (0.24)	Puget95 (0.25)	AngelsmarkJ00 (0.26)	FrankK05 (0.28)	LudwigKRBMS14 (0.28)
Dot	ZarandiASC20 (97.00)	HarjunkoskiMBC14 (85.00)	Astrand21 (83.00)	Lombardi10 (82.00)	GokPTGO23 (82.00)
Cosine	JoLLH99 (0.77)	FrankK05 (0.70)	Puget95 (0.70)	KengY89 (0.67)	AngelsmarkJ00 (0.67)
TranPZLDB18 R&C	IfrimOS12 (0.98)	ZarandiASC20 (1.00)			
Euclid	BridiLBBM16 (0.26)	IfrimOS12 (0.27)	HoYCLLCLC18 (0.29)	Prosser89 (0.29)	LauLN08 (0.29)
Dot	Groleaz21 (109.00)	ZarandiASC20 (108.00)	Lombardi10 (104.00)	PrataAN23 (96.00)	Astrand21 (96.00)
Cosine	BridiLBBM16 (0.72)	IfrimOS12 (0.71)	TerekhovTDB14 (0.71)	Prosser89 (0.69)	ElciOH22 (0.68)
TranTDB13 R&C	WuBB09 (0.98)	BidotVLB09 (0.98)	Hooker05 (0.99)		
Euclid	TranPZLDB18 (0.34)	CarlssonKA99 (0.35)	DoRZ08 (0.35)	TerekhovTDB14 (0.35)	HebrardHJMPV16 (0.35)
Dot	ZarandiASC20 (127.00)	Groleaz21 (122.00)	TerekhovTDB14 (116.00)	Astrand21 (110.00)	Lunardi20 (106.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	TerekhovTDB14 (0.75)	ParkUJR19 (0.66)	TranPZLDB18 (0.65)	HebrardHJMPV16 (0.63)	CarlssonKA99 (0.61)
TranVNB17 R&C	GilesH16 (0.93)	CappartS17 (0.93)	Hooker17 (0.94)	GayHS15 (0.95)	CireCH16 (0.96)
Euclid	BoothNB16 (0.19)	TranVNB17a (0.23)	NishikawaSTT19 (0.29)	WolfS05 (0.29)	NishikawaSTT18a (0.29)
Dot	LaborieRSV18 (123.00)	Dejemeppe16 (110.00)	ZarandiASC20 (108.00)	Lombardi10 (108.00)	Astrand21 (107.00)
Cosine	BoothNB16 (0.89)	TranVNB17a (0.83)	NishikawaSTT19 (0.75)	BoothTNB16 (0.73)	NishikawaSTT18a (0.73)
TranVNB17a R&C					
Euclid	BoothNB16 (0.19)	ChapadosJR11 (0.22)	BeniniBGM05a (0.23)	TranVNB17 (0.23)	ZibranR11 (0.24)
Dot	LaborieRSV18 (79.00)	Dejemeppe16 (75.00)	ZarandiASC20 (72.00)	Astrand21 (72.00)	Lunardi20 (71.00)
Cosine	BoothNB16 (0.84)	TranVNB17 (0.83)	BoothTNB16 (0.77)	GilesH16 (0.74)	AstrandJZ18 (0.73)
TranWDRFOVB16 R&C					
Euclid	Davis87 (0.26)	LouieVNB14 (0.27)	Rit86 (0.27)	DilkinaDH05 (0.28)	AngelsmarkJ00 (0.28)
Dot	LaborieRSV18 (92.00)	Malapert11 (92.00)	Astrand21 (91.00)	ZarandiASC20 (89.00)	Dejemeppe16 (88.00)
Cosine	BonfiettiLBM11 (0.67)	BeckPS03 (0.66)	TranDRFWOVB16 (0.66)	Pape94 (0.65)	DilkinaDH05 (0.65)
TrentesauxPT01 R&C	Goltz95 (0.94)	RodosekW98 (0.95)	AggounB93 (0.95)	Simonis95a (0.95)	BosiM2001 (0.95)
Euclid	Goltz95 (0.30)	WikarekS19 (0.33)	Pape94 (0.33)	KhayatLR06 (0.36)	HentenryckM04 (0.36)
Dot	ZarandiASC20 (147.00)	Beck99 (142.00)	Malapert11 (134.00)	Baptiste02 (133.00)	Astrand21 (126.00)
Cosine	Goltz95 (0.79)	WikarekS19 (0.76)	Pape94 (0.74)	KhayatLR06 (0.70)	HentenryckM04 (0.70)
Trick03 R&C	HenzMT04 (0.69)	RussellU06 (0.73)	RasmussenT06 (0.73)	RasmussenT07 (0.73)	Henz01 (0.73)
Euclid	EastonNT02 (0.22)	SuCC13 (0.23)	RasmussenT06 (0.23)	ElfJR03 (0.25)	Perron05 (0.26)
Dot	KendallKRU10 (80.00)	ZarandiASC20 (76.00)	LiW08 (73.00)	Simonis07 (69.00)	HookerH17 (69.00)
Cosine	EastonNT02 (0.79)	RasmussenT06 (0.77)	SuCC13 (0.77)	RussellU06 (0.73)	ZengM12 (0.72)
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 (0.28)	KovacsV04 (0.29)	LombardiM10 (0.29)	GayHLS15 (0.30)	PoderBS04 (0.30)
Dot	Dejemeppe16 (145.00)	Lombardi10 (144.00)	Baptiste02 (143.00)	Godet21a (141.00)	Fahimi16 (141.00)
Cosine	ChuGNSW13 (0.80)	KovacsV04 (0.78)	LombardiM10 (0.77)	BartakSR08 (0.75)	PoderBS04 (0.75)
Tsang03 R&C	LombardiM12 (0.98)	JainG01 (1.00)			
Euclid	KovacsEKV05 (0.15)	ChapadosJR11 (0.18)	Baptiste09 (0.18)	CarchraeBF05 (0.18)	HebrardTW05 (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)	abs-1902-01193 (0.58)	Puget95 (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)	HeipckeCCS00 (0.39)	OzturkTHO12 (0.39)	SunTB19 (0.39)	ZampelliVSDR13 (0.39)
Dot	Dejemeppe16 (171.00)	Astrand21 (168.00)	Malapert11 (159.00)	Lombardi10 (158.00)	Groleaz21 (158.00)
Cosine	NishikawaSTT19 (0.71)	PovedaAA23 (0.70)	SunTB19 (0.69)	SacramentoSP20 (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 (0.31)	BeniniLMMR08 (0.31)	BeniniLMR11 (0.32)	QinDS16 (0.32)	CireCH16 (0.34)
Dot	Lombardi10 (130.00)	Froger16 (120.00)	LaborieRSV18 (119.00)	MilanoW09 (116.00)	MilanoW06 (114.00)
Cosine	QinDS16 (0.76)	BeniniLMR11 (0.75)	CorreaLR07 (0.74)	BeniniLMMR08 (0.74)	EmeretlisTAV17 (0.70)
Valdes87 R&C					
Euclid	Davis87 (0.17)	LiuJ06 (0.20)	KameugneF13 (0.20)	FrostD98 (0.21)	AbrilSB05 (0.22)
Dot	Siala15a (40.00)	Schutt11 (40.00)	Godet21a (38.00)	KoehlerBFFHPSSS21 (36.00)	Lombardi10 (35.00)
Cosine	Davis87 (0.67)	Rit86 (0.59)	MoffittPP05 (0.57)	DincbasSH90 (0.56)	Pape94 (0.50)
ValleMGT03 R&C	PinarbasiAY19 (0.83)	PinarbasiA20 (0.86)	AlakaPY19 (0.86)	TopaloglusS12 (0.87)	ZhangLS12 (0.88)
Euclid	VanczaM01 (0.23)	abs-1901-07914 (0.25)	Bartak02a (0.25)	BehrensLM19 (0.26)	ChuGNSW13 (0.26)
Dot	BartakSR10 (99.00)	Astrand21 (98.00)	ZarandiASC20 (95.00)	Beck99 (95.00)	Dejemeppe16 (94.00)
Cosine	VanczaM01 (0.80)	PengLC14 (0.79)	Bartak02a (0.78)	PinarbasiAY19 (0.77)	abs-1901-07914 (0.77)
VanczaM01 R&C					
Euclid	Alaka21 (0.21)	ValleMGT03 (0.23)	AlakaPY19 (0.23)	NishikawaSTT18a (0.25)	AlakaP23 (0.25)
Dot	Astrand21 (99.00)	ZarandiASC20 (97.00)	Dejemeppe16 (97.00)	Beck99 (94.00)	Lombardi10 (92.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	Alaka21 (0.83)	ValleMGT03 (0.80)	AlakaPY19 (0.78)	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 (0.25)	ZhangLS12 (0.28)	ZibranR11 (0.28)	ZibranR11a (0.28)	FrankDT16 (0.29)
Dot	Groleaz21 (82.00)	ZarandiASC20 (81.00)	LaborieRSV18 (80.00)	Astrand21 (80.00)	Dejemeppe16 (78.00)
Cosine	KucukY19 (0.74)	JussienL02 (0.67)	ZhangLS12 (0.65)	ZibranR11a (0.65)	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 (0.18)	Caballero23 (0.18)	WuBB05 (0.19)
Dot	Malapert11 (46.00)	Dejemeppe16 (45.00)	Baptiste02 (43.00)	LaborieRSV18 (42.00)	LombardiM12 (42.00)
Cosine	Vilim04 (0.71)	CauwelaertDMS16 (0.69)	CauwelaertDS20 (0.66)	KovacsEKV05 (0.65)	FocacciLN00 (0.65)
Vilim03 R&C	KovacsV06 (0.67)	Vilim05 (0.89)	JussienL02 (0.94)	ElkhyariGJ02a (0.95)	MalapertCGJLR12 (0.95)
Euclid	HebrardTW05 (0.17)	Baptiste09 (0.18)	AngelsmarkJ00 (0.18)	AbrilSB05 (0.19)	CarchraeBF05 (0.19)
Dot	Beck99 (50.00)	Schutt11 (50.00)	HookerH17 (48.00)	Lombardi10 (48.00)	Siala15a (48.00)
Cosine	Vilim05 (0.70)	BeckF99 (0.70)	BeckF00a (0.69)	SialaAH15 (0.66)	BeckF00 (0.66)
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)	Vilim09 (0.23)	CauwelaertDMS16 (0.23)	Vilim09a (0.24)
Dot	Malapert11 (116.00)	Dejemeppe16 (115.00)	Schutt11 (113.00)	Fahimi16 (112.00)	Baptiste02 (111.00)
Cosine	VilimBC05 (0.90)	VilimBC04 (0.87)	CauwelaertDS20 (0.85)	DejemeppeCS15 (0.84)	CauwelaertDMS16 (0.82)
Vilim05 R&C	Wolf05 (0.65)	ArtiouchineB05 (0.66)	VilimBC04 (0.69)	Vilim04 (0.73)	VilimBC05 (0.77)
Euclid	BeckF99 (0.26)	VilimBC04 (0.26)	Vilim04 (0.27)	BeckF00a (0.27)	BeckW05 (0.27)
Dot	Fahimi16 (138.00)	Schutt11 (138.00)	Dejemeppe16 (137.00)	Baptiste02 (137.00)	Beck99 (135.00)
Cosine	BeckF00a (0.82)	BeckPS03 (0.80)	BeckF00 (0.80)	VilimBC04 (0.80)	BeckF99 (0.80)
Vilim09 R&C	Vilim09a (0.52)	SchuttW10 (0.57)	KameugneFSN11 (0.58)	KameugneF13 (0.65)	MercierH08 (0.68)
Euclid	Vilim09a (0.18)	Vilim04 (0.23)	VilimBC04 (0.24)	BeckF99 (0.24)	Vilim11 (0.25)
Dot	Dejemeppe16 (104.00)	Fahimi16 (103.00)	Schutt11 (103.00)	Baptiste02 (102.00)	Lombardi10 (98.00)
Cosine	Vilim09a (0.87)	VilimBC04 (0.82)	Vilim11 (0.81)	VilimBC05 (0.80)	Vilim04 (0.80)
Vilim09a R&C	Vilim09 (0.52)	KameugneF13 (0.64)	SchuttW10 (0.66)	KameugneFSN11 (0.72)	OuelletQ18 (0.75)
Euclid	Vilim09 (0.18)	PoderB08 (0.21)	WolfS05 (0.21)	Vilim11 (0.22)	WallaceF00 (0.23)
Dot	Schutt11 (96.00)	Fahimi16 (95.00)	Baptiste02 (94.00)	Dejemeppe16 (93.00)	Lombardi10 (93.00)
Cosine	Vilim09 (0.87)	Vilim11 (0.85)	PoderB08 (0.80)	WolfS05 (0.80)	KovacsB08 (0.77)
Vilim11 R&C	SchuttW10 (0.63)	OuelletQ13 (0.65)	KameugneF13 (0.65)	LetortBC12 (0.67)	Vilim09 (0.69)
Euclid	Vilim09a (0.22)	Vilim09 (0.25)	OuelletQ18 (0.25)	GayHS15a (0.26)	DerrienP14 (0.26)
Dot	Schutt11 (139.00)	Fahimi16 (130.00)	Lombardi10 (129.00)	Dejemeppe16 (125.00)	Malapert11 (124.00)
Cosine	Vilim09a (0.85)	GayHS15a (0.83)	OuelletQ18 (0.82)	Vilim09 (0.81)	SchuttFS13a (0.80)
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 (0.22)	DejemeppeCS15 (0.23)	Vilim09 (0.24)
Dot	Baptiste02 (137.00)	Fahimi16 (135.00)	Schutt11 (135.00)	Dejemeppe16 (134.00)	Malapert11 (134.00)
Cosine	VilimBC05 (0.96)	Vilim04 (0.87)	DejemeppeCS15 (0.87)	CauwelaertDMS16 (0.85)	CauwelaertDS20 (0.85)
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)	CauwelaertDS20 (0.22)	DejemeppeCS15 (0.22)	CauwelaertDMS16 (0.22)
Dot	Malapert11 (161.00)	Dejemeppe16 (156.00)	Baptiste02 (156.00)	Schutt11 (154.00)	Fahimi16 (152.00)
Cosine	VilimBC04 (0.96)	Vilim04 (0.90)	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 (0.29)	DemasseyAM05 (0.30)	ArkhipovBL19 (0.31)	Laborie05 (0.31)	CarchraeB09 (0.31)
Dot	Groleaz21 (189.00)	LaborieRSV18 (180.00)	Lombardi10 (178.00)	Schutt11 (178.00)	Godet21a (171.00)
Cosine	LiessM08 (0.83)	DemasseyAM05 (0.82)	ArkhipovBL19 (0.81)	Laborie05 (0.81)	CarchraeB09 (0.80)
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	GoldwaserS17 (0.35)	CireCH16 (0.35)	LozanoCDS12 (0.36)	HeinzKB13 (0.36)	CireCH13 (0.36)
Dot	NaderiRR23 (114.00)	Lombardi10 (103.00)	Groleaz21 (99.00)	LaborieRSV18 (97.00)	Lunardi20 (92.00)
Cosine	BeniniLMR11 (0.63)	CireCH16 (0.62)	GoldwaserS17 (0.62)	Hooker07 (0.62)	EmeretlisTAV17 (0.61)
Wallace06 R&C	AjiliW04 (0.85)	KamarainenS02 (0.88)	MilanoW06 (0.88)	MilanoW09 (0.90)	Milano11 (0.90)
Euclid	EreminW01 (0.31)	KamarainenS02 (0.36)	FallahiAC20 (0.36)	PesantGPR99 (0.37)	HookerOTK00 (0.37)
Dot	Froger16 (139.00)	Lombardi10 (133.00)	Malapert11 (131.00)	MilanoW09 (131.00)	ZarandiASC20 (130.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	EreminW01 (0.77)	Wallace96 (0.70)	MilanoW06 (0.68)	FallahiAC20 (0.68)	KamarainenS02 (0.68)
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 (0.34)	Bartak02 (0.36)	LammaMM97 (0.36)	Simonis99 (0.37)	GruianK98 (0.38)
Dot	ZarandiASC20 (151.00)	HookerH17 (147.00)	Lombardi10 (140.00)	Beck99 (139.00)	Simonis99 (131.00)
Cosine	Simonis99 (0.74)	Simonis95a (0.73)	LammaMM97 (0.71)	Bartak02 (0.70)	Wallace06 (0.70)
WallaceF00 R&C					
Euclid	AngelsmarkJ00 (0.18)	CestaOS98 (0.19)	FukunagaHFAMN02 (0.19)	LombardiM13 (0.20)	LiuJ06 (0.20)
Dot	Lombardi10 (54.00)	Siala15a (52.00)	Godet21a (51.00)	Beck99 (51.00)	Baptiste02 (51.00)
Cosine	Vilim09a (0.74)	PoderB08 (0.72)	LombardiM13 (0.72)	ElkhyariGJ02 (0.72)	Muscettola02 (0.72)
WallaceY20 R&C	WessenCS20 (0.86)	EfthymiouY23 (0.90)	KreterSS15 (0.94)	BehrensLM19 (0.94)	KreterSS17 (0.95)
Euclid	EfthymiouY23 (0.42)	BukchinR18 (0.42)	Caseau97 (0.43)	LozanoCDS12 (0.43)	DemirovicS18 (0.43)
Dot	KoehlerBFFHPSSS21 (133.00)	Godet21a (133.00)	Dejemeppe16 (133.00)	Groleaz21 (130.00)	Astrand21 (128.00)
Cosine	EfthymiouY23 (0.61)	KoehlerBFFHPSSS21 (0.61)	WessenCSFPM23 (0.60)	abs-1911-04766 (0.59)	AbidinK20 (0.58)
WangB20 R&C					
Euclid	WangB23 (0.23)	TranDRFWOVB16 (0.36)	Caseau97 (0.38)	Puget95 (0.38)	CrawfordB94 (0.39)
Dot	WangB23 (112.00)	ZarandiASC20 (90.00)	Lemos21 (89.00)	Fahimi16 (89.00)	Simonis07 (87.00)
Cosine	WangB23 (0.86)	TranDRFWOVB16 (0.64)	GokGSTO20 (0.60)	Caseau97 (0.58)	ForbesHJST24 (0.57)
WangB23 R&C					
Euclid	WangB20 (0.23)	Caseau97 (0.32)	Puget95 (0.32)	TranDRFWOVB16 (0.33)	Madi-WambaB16 (0.33)
Dot	WangB20 (112.00)	Lemos21 (96.00)	ZarandiASC20 (95.00)	Lunardi20 (89.00)	Dejemeppe16 (89.00)
Cosine	WangB20 (0.86)	Caseau97 (0.64)	TranDRFWOVB16 (0.64)	Puget95 (0.63)	AngelsmarkJ00 (0.62)
WangMD15 R&C	MeskensDL13 (0.63)	DoulabiRP16 (0.74)	RoshanaeiLAU17 (0.78)	RoshanaeiBAUB20 (0.80)	RoshanaeiLAU17a (0.80)
Euclid	MeskensDL13 (0.26)	MeskensDHG11 (0.26)	YounespourAKE19 (0.31)	GurPAE23 (0.32)	DoulabiRP16 (0.32)
Dot	ZarandiASC20 (141.00)	Dejemeppe16 (129.00)	YounespourAKE19 (119.00)	MeskensDL13 (119.00)	Lunardi20 (115.00)
Cosine	MeskensDL13 (0.84)	MeskensDHG11 (0.83)	YounespourAKE19 (0.78)	GurPAE23 (0.75)	DoulabiRP16 (0.75)
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 (116.00)	Schutt11 (116.00)	Groleaz21 (115.00)	Astrand21 (113.00)	BeckFW11 (113.00)
Cosine	BeckFW11 (0.93)	Beck06 (0.86)	Beck07 (0.86)	CarchraeB09 (0.85)	TanSD10 (0.84)
WatsonBHW99 R&C					
Euclid	LiLZDZW24 (0.26)	DilkinaDH05 (0.29)	DoRZ08 (0.30)	LauLN08 (0.31)	abs-2102-08778 (0.32)
Dot	Astrand21 (103.00)	Groleaz21 (93.00)	Dejemeppe16 (91.00)	Lombardi10 (91.00)	ZarandiASC20 (90.00)
Cosine	LiLZDZW24 (0.76)	DilkinaDH05 (0.66)	RiahiNS018 (0.65)	DoRZ08 (0.65)	abs-2102-08778 (0.64)
WeilHFP95 R&C	BourdaisGP03 (0.88)	OzturkTHO12 (0.97)	TopaloglıO11 (0.97)	GoelSHFS15 (0.97)	NovasH12 (0.97)
Euclid	abs-1902-01193 (0.27)	HoYCLLCLC18 (0.27)	Caseau97 (0.28)	BourdaisGP03 (0.28)	AngelsmarkJ00 (0.28)
Dot	Dejemeppe16 (90.00)	Simonis07 (75.00)	ZarandiASC20 (73.00)	WangMD15 (69.00)	Wolf11 (68.00)
Cosine	abs-1902-01193 (0.66)	HoYCLLCLC18 (0.65)	BourdaisGP03 (0.65)	Caseau97 (0.64)	Wolf11 (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 (0.25)	abs-1901-07914 (0.26)	NishikawaSTT18 (0.26)	NishikawaSTT18a (0.26)
Dot	Astrand21 (91.00)	Dejemeppe16 (85.00)	ZarandiASC20 (84.00)	LaborieRSV18 (84.00)	Lunardi20 (84.00)
Cosine	BehrensLM19 (0.77)	MokhtarzadehTNF20 (0.75)	abs-1901-07914 (0.74)	WessenCSFPM23 (0.73)	NishikawaSTT18 (0.72)
WessenCSFPM23 R&C	WessenCS20 (0.80)	BehrensLM19 (0.93)	BonfiettiLBM11 (0.96)	BonfiettiLBM14 (0.96)	KreterSS15 (0.96)
Euclid	WessenCS20 (0.34)	BonfiettiLBM11 (0.35)	LombardiBMB11 (0.36)	abs-1901-07914 (0.37)	BonfiettiLBM12 (0.37)
Dot	Dejemeppe16 (133.00)	Godet21a (131.00)	Astrand21 (130.00)	LaborieRSV18 (127.00)	Malapert11 (127.00)
Cosine	WessenCS20 (0.73)	BonfiettiLBM14 (0.72)	BonfiettiLBM11 (0.71)	LombardiBMB11 (0.70)	DraperJCJ99 (0.68)
WikarekS19 R&C	SchnellH17 (0.94)	BartakSR08 (0.94)	OddiPCC03 (0.94)	ElkhyariGJ02 (0.94)	HebrardHJMPV16 (0.95)
Euclid	KovacsV06 (0.30)	ValleMGT03 (0.31)	KhayatLR06 (0.31)	Pape94 (0.31)	MalapertCGJLR13 (0.32)
Dot	Baptiste02 (147.00)	ZarandiASC20 (142.00)	Malapert11 (140.00)	Groleaz21 (136.00)	BartakSR10 (133.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GrimesH10 (0.76)	BosiM2001 (0.76)	TrentesauxPT01 (0.76)	KovacsV06 (0.75)	TorresL00 (0.74)
WinterMMW22 R&C					
Euclid	GedikKEK18 (0.45)	ArbaouiY18 (0.45)	GroleazNS20a (0.45)	NattafM20 (0.45)	Adelgren2023 (0.46)
Dot	Groleaz21 (170.00)	Lunardi20 (165.00)	NaderiRR23 (158.00)	ZarandiASC20 (148.00)	LacknerMMWW23 (148.00)
Cosine	GedikKEK18 (0.65)	YunusogluY22 (0.64)	OujanaAYB22 (0.63)	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 (0.25)	TanSD10 (0.28)	VilimBC04 (0.32)	VilimBC05 (0.32)
Dot	Malapert11 (161.00)	Schutt11 (161.00)	Fahimi16 (158.00)	Dejemeppe16 (157.00)	Baptiste02 (156.00)
Cosine	Wolf05 (0.92)	MonetteDD07 (0.85)	TanSD10 (0.81)	FahimiOQ18 (0.77)	VilimBC05 (0.76)
Wolf05 R&C	Wolf03 (0.60)	WolfS05a (0.64)	Vilim05 (0.65)	ArtiouchineB05 (0.70)	WolfS05 (0.79)
Euclid	Wolf03 (0.19)	CauwelaertDMS16 (0.27)	VilimBC05 (0.28)	VilimBC04 (0.28)	MonetteDD07 (0.28)
Dot	Schutt11 (158.00)	Malapert11 (157.00)	Fahimi16 (157.00)	Dejemeppe16 (156.00)	Baptiste02 (154.00)
Cosine	Wolf03 (0.92)	CauwelaertDMS16 (0.82)	DejemeppeCS15 (0.81)	VilimBC05 (0.81)	MonetteDD07 (0.81)
Wolf09 R&C	WolfS05a (0.61)	WolfS05 (0.72)	Wolf05 (0.80)	SchuttWS05 (0.81)	SchuttW10 (0.85)
Euclid	Caseau97 (0.31)	WolfS05 (0.31)	BeldiceanuP07 (0.32)	Puget95 (0.33)	PoderB08 (0.33)
Dot	Dejemeppe16 (105.00)	Malapert11 (101.00)	Baptiste02 (99.00)	Schutt11 (96.00)	Beck99 (95.00)
Cosine	Wolf05 (0.66)	WolfS05 (0.66)	Caseau97 (0.66)	AlesioNBG14 (0.65)	BeldiceanuP07 (0.62)
Wolf11 R&C	SimonisH11 (0.86)	SimoninAHL12 (0.89)	OuelletQ22 (0.90)	GayHS15a (0.90)	Wolf09 (0.90)
Euclid	DoulabiRP14 (0.36)	WolfS05 (0.36)	GurPAE23 (0.36)	WeilHFP95 (0.36)	DoulabiRP16 (0.36)
Dot	Dejemeppe16 (130.00)	ZarandiASC20 (125.00)	Simonis07 (108.00)	RoshanaeiLAU17 (103.00)	WangMD15 (99.00)
Cosine	WangMD15 (0.67)	GurPAE23 (0.67)	DoulabiRP16 (0.66)	ZhaoL14 (0.66)	FrimodigECM23 (0.65)
WolfS05 R&C	SchuttWS05 (0.45)	Wolf09 (0.72)	SchuttW10 (0.74)	WolfS05a (0.75)	MercierH08 (0.78)
Euclid	BeldiceanuP07 (0.15)	PoderB08 (0.15)	BeniniBGM05a (0.20)	SimonisH11 (0.21)	PoderBS04 (0.21)
Dot	Schutt11 (85.00)	Lombardi10 (84.00)	Malapert11 (84.00)	Fahimi16 (83.00)	Baptiste02 (82.00)
Cosine	BeldiceanuP07 (0.89)	PoderB08 (0.88)	PoderBS04 (0.81)	SimonisH11 (0.80)	Vilim09a (0.80)
WolfS05a R&C	Wolf03 (0.58)	Wolf09 (0.61)	Wolf05 (0.64)	WolfS05 (0.75)	Vilim04 (0.76)
Euclid	PoderB08 (0.26)	BeldiceanuP07 (0.26)	WallaceF00 (0.26)	WolfS05 (0.27)	BeldiceanuC01 (0.27)
Dot	Malapert11 (86.00)	Schutt11 (85.00)	Fahimi16 (81.00)	Dejemeppe16 (80.00)	Lombardi10 (78.00)
Cosine	PoderB08 (0.69)	BeldiceanuP07 (0.68)	LetortBC12 (0.68)	WolfS05 (0.68)	LetortCB13 (0.67)
WolinskiKG04 R&C	QuSN06 (0.93)	KuchcinskiW03 (0.96)	NishikawaSTT19 (0.97)	LombardiM10a (0.97)	LozanoCDS12 (0.97)
Euclid	KuchcinskiW03 (0.22)	LombardiM13 (0.25)	LozanoCDS12 (0.25)	Kumar03 (0.26)	CestaOS98 (0.26)
Dot	Lombardi10 (74.00)	BonfiettiLBM14 (65.00)	Caballero19 (65.00)	Groleaz21 (64.00)	Kuchcinski03 (64.00)
Cosine	KuchcinskiW03 (0.77)	LozanoCDS12 (0.70)	BocewiczBB09 (0.69)	Malik08 (0.67)	LombardiM13 (0.65)
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)	KovacsEKV05 (0.62)	Laborie18a (0.61)	Limtanyakul07 (0.60)
WuBB09 R&C	FahimiQ23 (0.90)	BonfiettiLM14 (0.92)	KletzanderM17 (0.93)	BidotVLB09 (0.94)	BeckW07 (0.94)
Euclid	Pape94 (0.30)	BridiLBBM16 (0.33)	BeckPS03 (0.33)	TranPZLDB18 (0.33)	BeckW04 (0.33)
Dot	ZarandiASC20 (143.00)	Baptiste02 (129.00)	Lombardi10 (120.00)	Beck99 (119.00)	Groleaz21 (118.00)
Cosine	Pape94 (0.75)	BeckW07 (0.74)	BeckPS03 (0.72)	Madi-WambaLOBM17 (0.69)	Geske05 (0.69)
YangSS19 R&C	KameugneFSN14 (0.69)	OuelletQ18 (0.69)	Tesch18 (0.72)	OuelletQ13 (0.74)	GayHS15 (0.78)
Euclid	Vilim09a (0.28)	Vilim09 (0.31)	Vilim11 (0.31)	WolfS05 (0.32)	BeldiceanuCP08 (0.32)
Dot	Schutt11 (129.00)	Malapert11 (122.00)	Dejemeppe16 (119.00)	Lombardi10 (119.00)	Fahimi16 (119.00)
Cosine	Vilim09a (0.77)	SchuttFS13a (0.75)	Vilim11 (0.74)	Vilim09 (0.72)	SchuttFSW11 (0.70)
YeGMH94 R&C					
Euclid					
Dot					
Cosine					
YoshikawaKNW94 R&C					
Euclid	LimAHO02a (0.19)	FeldmanG89 (0.21)	Schreuder92 (0.22)	CarchraeBF05 (0.23)	FrostD98 (0.23)
Dot	Lemos21 (52.00)	ZarandiASC20 (46.00)	Astrand21 (45.00)	KendallKRU10 (45.00)	Fahimi16 (43.00)
Cosine	LimAHO02a (0.69)	FeldmanG89 (0.63)	Schaerf97 (0.61)	Schreuder92 (0.61)	BofillGSV15 (0.58)
YounespourAKE19 R&C	RoshanaeiBAUB20 (0.79)	GhandehariK22 (0.86)	FarsiTM22 (0.87)	BenediktMH20 (0.88)	WangMD15 (0.89)
Euclid	WangMD15 (0.31)	MeskensDHG11 (0.32)	MeskensDL13 (0.34)	GhandehariK22 (0.36)	GurPAE23 (0.36)
Dot	ZarandiASC20 (137.00)	Dejemeppe16 (123.00)	WangMD15 (119.00)	Lunardi20 (113.00)	Baptiste02 (112.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	WangMD15 (0.78)	MeskensDHG11 (0.75)	MeskensDL13 (0.73)	GhandehariK22 (0.69)	SenderovichBB19 (0.68)
YoungFS17 R&C	SzerediS16 (0.57)	GeibingerMM19 (0.75)	KreterSS17 (0.81)	SchuttS16 (0.84)	SchuttFS13 (0.85)
Euclid	SzerediS16 (0.22)	BofillCSV17a (0.26)	LiessM08 (0.28)	SchuttS16 (0.28)	BofillCSV17 (0.29)
Dot	Godet21a (155.00)	Schutt11 (140.00)	PovedaAA23 (137.00)	Lombardi10 (136.00)	Caballero19 (136.00)
Cosine	SzerediS16 (0.88)	PovedaAA23 (0.83)	BofillCSV17a (0.82)	BoudreaultSLQ22 (0.81)	SchuttS16 (0.81)
YunG02 R&C	AlesioNBG14 (0.91)	MalapertCGJLR12 (0.93)	MartinPY01 (0.93)	CambazardHDJT04 (0.94)	HladikCDJ08 (0.95)
Euclid					
Dot					
Cosine					
YunusogluY22 R&C	HeinzNVH22 (0.88)	AbreuN22 (0.89)	MengLZB21 (0.91)	GedikKEK18 (0.92)	MengZRZL20 (0.93)
Euclid	GedikKEK18 (0.41)	IsikYA23 (0.41)	OrnekO16 (0.42)	Novas19 (0.43)	OujanaAYB22 (0.43)
Dot	ZarandiASC20 (242.00)	Lunardi20 (227.00)	Groleaz21 (224.00)	IsikYA23 (221.00)	Dejemeppe16 (216.00)
Cosine	IsikYA23 (0.80)	GedikKEK18 (0.75)	Novas19 (0.73)	MengZRZL20 (0.73)	OrnekO16 (0.73)
YuraszeckMC23 R&C	YuraszeckMPV22 (0.75)	OddiPCC03 (0.90)	OddiPCC05 (0.93)	WikarekS19 (0.96)	HamdiL13 (0.96)
Euclid	WatsonB08 (0.32)	abs-2102-08778 (0.32)	BillautHL12 (0.32)	DilkinaDH05 (0.33)	GalleguillosKSB19 (0.33)
Dot	ZarandiASC20 (118.00)	Groleaz21 (114.00)	Baptiste02 (113.00)	YuraszeckMPV22 (107.00)	Godet21a (106.00)
Cosine	YuraszeckMCCR23 (0.71)	YuraszeckMPV22 (0.71)	AbreuAPNM21 (0.69)	WatsonB08 (0.69)	BillautHL12 (0.68)
YuraszeckMCCR23 R&C					
Euclid	HeipckeCCS00 (0.33)	OddiRCS11 (0.34)	KhayatLR06 (0.35)	ZhangYW21 (0.35)	Teppan22 (0.36)
Dot	ZarandiASC20 (181.00)	Baptiste02 (163.00)	Lunardi20 (161.00)	Groleaz21 (159.00)	Godet21a (158.00)
Cosine	OddiRCS11 (0.78)	HeipckeCCS00 (0.76)	EtminaniesfahaniGNMS22 (0.75)	ZhangYW21 (0.74)	KhayatLR06 (0.74)
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)	MejiaY20 (0.42)	LiFJZLL22 (0.42)	AbreuN22 (0.42)
Dot	ZarandiASC20 (210.00)	Groleaz21 (203.00)	Baptiste02 (190.00)	Lunardi20 (173.00)	Astrand21 (172.00)
Cosine	AbreuAPNM21 (0.76)	AbreuN22 (0.73)	AbreuPNF23 (0.72)	MejiaY20 (0.72)	YuraszeckMC23 (0.71)
Zahout21 R&C					
Euclid	ZhangYW21 (0.43)	HillTV21 (0.45)	HeipckeCCS00 (0.45)	TranPZLDB18 (0.45)	NishikawaSTT19 (0.46)
Dot	ZarandiASC20 (201.00)	Groleaz21 (193.00)	Dejemeppe16 (170.00)	Lombardi10 (169.00)	Baptiste02 (162.00)
Cosine	ZhangYW21 (0.65)	JuvinHL23a (0.63)	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 (0.32)	PoderB08 (0.32)	TranVNB17a (0.33)	GilesH16 (0.34)
Dot	Dejemeppe16 (131.00)	ZarandiASC20 (114.00)	Groleaz21 (110.00)	Malapert11 (109.00)	Lombardi10 (106.00)
Cosine	WolfS05 (0.70)	Vilim09a (0.68)	UnsalO13 (0.68)	EvenSH15 (0.68)	PoderB08 (0.67)
ZarandiASC20 R&C	SacramentoSP20 (0.98)	MengLZB21 (0.98)	MengZRZL20 (0.98)	GokgurHO18 (0.98)	HamFC17 (0.98)
Euclid	PrataAN23 (0.68)	Lunardi20 (0.72)	JainM99 (0.73)	IsikYA23 (0.73)	Astrand21 (0.73)
Dot	Groleaz21 (371.00)	Dejemeppe16 (339.00)	Baptiste02 (333.00)	Lunardi20 (325.00)	Astrand21 (311.00)
Cosine	PrataAN23 (0.70)	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 (0.31)	PengLC14 (0.34)	KamarainenS02 (0.35)	MakMS10 (0.35)	ZhangLS12 (0.35)
Dot	ZarandiASC20 (169.00)	Groleaz21 (146.00)	Dejemeppe16 (141.00)	Baptiste02 (134.00)	Lombardi10 (131.00)
Cosine	Salido10 (0.71)	BeckDDF98 (0.71)	PengLC14 (0.70)	BartakSR10 (0.68)	KanetAG04 (0.67)
Zeballos10 R&C	ZeballosQH10 (0.54)	NovasH14 (0.72)	QuirogaZH05 (0.76)	ZeballosM09 (0.83)	ZeballosNH11 (0.87)
Euclid	QuirogaZH05 (0.21)	ZeballosQH10 (0.24)	ZeballosH05 (0.26)	ZeballosM09 (0.28)	NovasH14 (0.31)
Dot	ZarandiASC20 (155.00)	Dejemeppe16 (147.00)	Malapert11 (140.00)	LaborieRSV18 (139.00)	ZeballosQH10 (138.00)
Cosine	QuirogaZH05 (0.90)	ZeballosQH10 (0.88)	ZeballosH05 (0.85)	ZeballosM09 (0.81)	NovasH14 (0.78)
ZeballosCM10 R&C	NovasH12 (0.78)	ZeballosNH11 (0.79)	ZeballosM09 (0.83)	NovaraNH16 (0.84)	ZeballosQH10 (0.90)
Euclid	NovasH12 (0.28)	NovasH14 (0.29)	ZeballosM09 (0.31)	ZeballosH05 (0.35)	QuirogaZH05 (0.36)
Dot	ZarandiASC20 (152.00)	Astrand21 (139.00)	LaborieRSV18 (138.00)	Malapert11 (133.00)	Lunardi20 (129.00)
Cosine	NovasH12 (0.83)	NovasH14 (0.80)	ZeballosM09 (0.77)	ZeballosH05 (0.72)	QuirogaZH05 (0.69)
ZeballosH05 R&C					
Euclid	NovasH14 (0.23)	QuirogaZH05 (0.24)	ZeballosM09 (0.25)	Zeballos10 (0.26)	NovasH12 (0.27)
Dot	ZarandiASC20 (144.00)	Dejemeppe16 (140.00)	Baptiste02 (137.00)	Malapert11 (136.00)	Lombardi10 (135.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	NovasH14 (0.87)	QuirogaZH05 (0.86)	Zeballos10 (0.85)	ZeballosM09 (0.84)	ZeballosQH10 (0.83)
ZeballosM09 R&C	ZeballosNH11 (0.78)	ZeballosCM10 (0.83)	Zeballos10 (0.83)	RoePS05 (0.84)	ZeballosQH10 (0.86)
Euclid	ZeballosH05 (0.25)	QuirogaZH05 (0.25)	NovasH14 (0.26)	MaraveliasCG04 (0.28)	ZeballosQH10 (0.28)
Dot	ZarandiASC20 (122.00)	Malapert11 (117.00)	LaborieRSV18 (116.00)	Dejemeppe16 (115.00)	BeckDDF98 (114.00)
Cosine	ZeballosH05 (0.84)	NovasH14 (0.81)	QuirogaZH05 (0.81)	ZeballosQH10 (0.81)	Zeballos10 (0.81)
ZeballosNH11 R&C	NovaraNH16 (0.63)	ZeballosM09 (0.78)	ZeballosCM10 (0.79)	MaraveliasCG04 (0.85)	ZeballosQH10 (0.86)
Euclid	ZeballosM09 (0.34)	ZeballosH05 (0.35)	QuirogaZH05 (0.35)	NovaraNH16 (0.35)	MaraveliasCG04 (0.35)
Dot	Dejemeppe16 (176.00)	ZarandiASC20 (171.00)	Baptiste02 (166.00)	Malapert11 (165.00)	LaborieRSV18 (163.00)
Cosine	NovaraNH16 (0.77)	ZeballosM09 (0.76)	LiW08 (0.75)	NovasH10 (0.75)	ZeballosH05 (0.75)
ZeballosQH10 R&C	Zeballos10 (0.54)	NovasH14 (0.71)	QuirogaZH05 (0.83)	KhayatLR06 (0.84)	ZeballosM09 (0.86)
Euclid	QuirogaZH05 (0.23)	Zeballos10 (0.24)	ZeballosH05 (0.28)	ZeballosM09 (0.28)	NovasH14 (0.29)
Dot	ZarandiASC20 (162.00)	Dejemeppe16 (157.00)	Lunardi20 (153.00)	Malapert11 (153.00)	Baptiste02 (149.00)
Cosine	Zeballos10 (0.88)	QuirogaZH05 (0.88)	ZeballosH05 (0.83)	ZeballosM09 (0.81)	NovasH14 (0.80)
ZengM12 R&C	Trick11 (0.75)	RasmussenT09 (0.76)	RasmussenT07 (0.79)	CarlssonJL17 (0.80)	RasmussenT06 (0.81)
Euclid	RasmussenT07 (0.20)	RasmussenT06 (0.21)	EastonNT02 (0.21)	RasmussenT09 (0.22)	BulckG22 (0.24)
Dot	KendallKRU10 (98.00)	Ribeiro12 (83.00)	RasmussenT07 (81.00)	RasmussenT09 (79.00)	Lemos21 (77.00)
Cosine	RasmussenT07 (0.86)	RasmussenT09 (0.83)	RasmussenT06 (0.81)	EastonNT02 (0.81)	BulckG22 (0.78)
ZhangBB22 R&C					
Euclid	TanSD10 (0.30)	ArtiguesF07 (0.31)	ArtiguesBF04 (0.32)	FontaineMH16 (0.34)	WatsonB08 (0.34)
Dot	Groleaz21 (178.00)	Dejemeppe16 (157.00)	NaderiRR23 (157.00)	Malapert11 (156.00)	Baptiste02 (153.00)
Cosine	TanSD10 (0.81)	ArtiguesF07 (0.80)	ArtiguesBF04 (0.79)	VilimLS15 (0.75)	BeckFW11 (0.74)
ZhangJZL22 R&C	AwadMDMT22 (0.98)				
Euclid	LiFJZLL22 (0.33)	ArbaouiY18 (0.33)	Bedhief21 (0.34)	Limtanyakul07 (0.34)	JuvinHL23 (0.34)
Dot	IsikYA23 (142.00)	Groleaz21 (139.00)	ZarandiASC20 (138.00)	Astrand21 (131.00)	Lunardi20 (131.00)
Cosine	MengLZB21 (0.75)	MengGRZSC22 (0.74)	IsikYA23 (0.72)	Bedhief21 (0.72)	LiFJZLL22 (0.71)
ZhangLS12 R&C	QuirogaZH05 (0.67)	Geske05 (0.67)	EvenSH15 (0.75)	KovacsV04 (0.75)	LimtanyakulS12 (0.80)
Euclid	ZibranR11 (0.21)	GelainPRVW17 (0.21)	FeldmanG89 (0.21)	ZibranR11a (0.22)	FrostD98 (0.23)
Dot	Siala15a (67.00)	Godet21a (65.00)	Baptiste02 (63.00)	ZhuSZW23 (62.00)	Elkhyari03 (62.00)
Cosine	GelainPRVW17 (0.73)	LiuLH19 (0.72)	ZibranR11a (0.71)	ZibranR11 (0.71)	LiuLH19a (0.71)
ZhangW18 R&C	Novas19 (0.91)	HamC16 (0.92)	LunardiBLRV20 (0.93)	TerekhovDOB12 (0.93)	MengZRZL20 (0.96)
Euclid	LunardiBLRV20 (0.37)	JuvinHL23 (0.37)	Mehdizadeh-Somarin23 (0.37)	FanXG21 (0.37)	LiFJZLL22 (0.38)
Dot	ZarandiASC20 (204.00)	Groleaz21 (179.00)	Lunardi20 (177.00)	Astrand21 (159.00)	Baptiste02 (153.00)
Cosine	LunardiBLRV20 (0.75)	FanXG21 (0.72)	AlfieriGPS23 (0.71)	HamPK21 (0.71)	Mehdizadeh-Somarin23 (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 (0.29)	PacinoH11 (0.29)	LahimerLH11 (0.30)	NaderiBZ22a (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 (0.77)	PacinoH11 (0.77)
ZhaoL14 R&C	MeskensDL13 (0.73)	RoshanaeiLAU17a (0.81)	WangMD15 (0.83)	RoshanaeiBAUB20 (0.85)	DoulabiRP16 (0.85)
Euclid	DoulabiRP16 (0.31)	GhandehariK22 (0.31)	RiiseML16 (0.34)	GurEA19 (0.34)	WangMD15 (0.35)
Dot	ZarandiASC20 (127.00)	Dejemeppe16 (114.00)	RoshanaeiLAU17 (112.00)	RoshanaeiBAUB20 (110.00)	WangMD15 (107.00)
Cosine	GhandehariK22 (0.77)	DoulabiRP16 (0.76)	WangMD15 (0.73)	RiiseML16 (0.72)	RoshanaeiBAUB20 (0.71)
Zhou96 R&C	Colombani96 (0.60)	ArtiouchineB05 (0.83)	MonetteDD07 (0.84)	Rodriguez07 (0.85)	BeckF00 (0.85)
Euclid	Zhou97 (0.20)	Colombani96 (0.24)	Pape94 (0.28)	Rit86 (0.28)	FoxAS82 (0.29)
Dot	Baptiste02 (122.00)	Zhou97 (116.00)	BartakSR10 (115.00)	Groleaz21 (110.00)	Lombardi10 (109.00)
Cosine	Zhou97 (0.91)	Colombani96 (0.82)	Pape94 (0.78)	MercierH07 (0.77)	BartakSR08 (0.72)
Zhou97 R&C	SacramentoSP20 (0.94)	Wolf05 (0.94)	AbreuAPNM21 (0.95)	MengLZB21 (0.95)	Bartak02 (0.95)
Euclid	Zhou96 (0.20)	Colombani96 (0.28)	HeipckeCCS00 (0.32)	BartakSR08 (0.32)	MercierH07 (0.33)
Dot	Baptiste02 (164.00)	Lombardi10 (153.00)	Fahimi16 (148.00)	Beck99 (147.00)	Dejemeppe16 (146.00)
Cosine	Zhou96 (0.91)	Colombani96 (0.80)	MercierH07 (0.78)	BartakSR08 (0.78)	HeipckeCCS00 (0.74)
ZhouGL15 R&C	SimoninAHL12 (0.92)	LombardiM10 (0.93)	GrimesHM09 (0.93)	OddiPCC05 (0.93)	WatsonB08 (0.94)
Euclid	JuvinHL23 (0.34)	ParkUJR19 (0.35)	ArmstrongGOS22 (0.36)	MalapertCGJLR13 (0.37)	OujanaAYB22 (0.38)
Dot	Groleaz21 (160.00)	Astrand21 (158.00)	ZarandiASC20 (156.00)	Baptiste02 (141.00)	MengZRZL20 (140.00)
Cosine	OujanaAYB22 (0.73)	TerekhovTDB14 (0.72)	JuvinHL23 (0.72)	ArmstrongGOS22 (0.71)	ParkUJR19 (0.70)
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)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	GelainPRVW17 (0.69)	QuSN06 (0.65)	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 (0.36)	ZhangYW21 (0.38)	TanT18 (0.39)	MurinR19 (0.40)	MalapertCGJLR13 (0.41)
Dot	Groleaz21 (195.00)	Lunardi20 (180.00)	ZarandiASC20 (179.00)	NaderiRR23 (177.00)	Malapert11 (171.00)
Cosine	NaderiBZ22a (0.78)	ZhangYW21 (0.73)	MalapertCGJLR12 (0.72)	TanT18 (0.72)	HamPK21 (0.72)
ZibranR11 R&C	ZibranR11a (0.48)				
Euclid	ZibranR11a (0.11)	ChapadosJR11 (0.16)	Baptiste09 (0.18)	CarchraeBF05 (0.18)	HebrardALLCMR22 (0.18)
Dot	ZarandiASC20 (51.00)	Astrand21 (50.00)	Lunardi20 (50.00)	Beck99 (48.00)	Lombardi10 (48.00)
Cosine	ZibranR11a (0.94)	ChapadosJR11 (0.72)	ZhangLS12 (0.71)	Baptiste09 (0.70)	KamarainenS02 (0.70)
ZibranR11a R&C	ZibranR11 (0.48)	ZhangLS12 (0.96)	QuirogaZH05 (0.96)	Geske05 (0.96)	EvenSH15 (0.97)
Euclid	ZibranR11 (0.11)	ChapadosJR11 (0.20)	ZhangLS12 (0.22)	abs-1902-01193 (0.23)	WallaceF00 (0.23)
Dot	ZarandiASC20 (71.00)	Astrand21 (69.00)	Beck99 (67.00)	Lombardi10 (67.00)	Dejemeppe16 (65.00)
Cosine	ZibranR11 (0.94)	ChapadosJR11 (0.77)	ZouZ20 (0.74)	abs-1902-01193 (0.72)	ZeballosM09 (0.72)
ZouZ20 R&C	TangLWSK18 (0.80)	SubulanC22 (0.96)	YuraszeckMPV22 (0.96)	SchnellH17 (0.97)	HauderBRPA20 (0.97)
Euclid	NishikawaSTT18 (0.25)	NishikawaSTT18a (0.26)	NishikawaSTT19 (0.27)	ZibranR11a (0.27)	BeniniBGM05a (0.28)
Dot	Lombardi10 (119.00)	Groleaz21 (113.00)	LaborieRSV18 (111.00)	ZarandiASC20 (111.00)	Lunardi20 (107.00)
Cosine	NishikawaSTT18 (0.79)	NishikawaSTT18a (0.78)	NishikawaSTT19 (0.77)	ZibranR11a (0.74)	BeniniBGM05a (0.74)
abs-0907-0939 R&C					
Euclid	ClercqPBJ11 (0.31)	PoderB08 (0.32)	BeldiceanuP07 (0.33)	WolfS05 (0.36)	Vilim09a (0.36)
Dot	Fahimi16 (111.00)	Dejemeppe16 (110.00)	Lombardi10 (110.00)	Godet21a (109.00)	Beck99 (108.00)
Cosine	ClercqPBJ11 (0.75)	PoderB08 (0.71)	BeldiceanuP07 (0.67)	Clercq12 (0.65)	ArtiguesL14 (0.62)
abs-1009-0347 R&C					
Euclid	SchuttFSW13 (0.20)	SchuttFSW09 (0.26)	SchuttCSW12 (0.27)	SchuttS16 (0.29)	SchuttFS13a (0.30)
Dot	Schutt11 (171.00)	Caballero19 (160.00)	Lombardi10 (156.00)	Godet21a (151.00)	SchuttFSW13 (147.00)
Cosine	SchuttFSW13 (0.92)	SchuttFSW09 (0.84)	SchuttCSW12 (0.83)	SchuttFS13a (0.82)	SchuttFSW11 (0.81)
abs-1901-07914 R&C					
Euclid	BehrensLM19 (0.09)	ValleMGT03 (0.25)	JungblutK22 (0.25)	WessenCS20 (0.26)	BoothNB16 (0.27)
Dot	Godet21a (100.00)	Dejemeppe16 (98.00)	Beck99 (97.00)	ZarandiASC20 (97.00)	BartakSR10 (95.00)
Cosine	BehrensLM19 (0.97)	ValleMGT03 (0.77)	WessenCS20 (0.74)	JungblutK22 (0.74)	BoothNB16 (0.73)
abs-1902-01193 R&C					
Euclid	ZibranR11 (0.23)	ZibranR11a (0.23)	BourdaisGP03 (0.23)	ZhangLS12 (0.25)	ChapadosJR11 (0.25)
Dot	ZarandiASC20 (87.00)	Dejemeppe16 (73.00)	Simonis07 (71.00)	Wallace96 (69.00)	Beck99 (69.00)
Cosine	BourdaisGP03 (0.72)	ZibranR11a (0.72)	ZibranR11 (0.69)	ZhangLS12 (0.67)	WeilHFP95 (0.66)
abs-1902-09244 R&C					
Euclid	HauderBRPA20 (0.12)	BeckPS03 (0.37)	MonetteDH09 (0.39)	HeipckeCCS00 (0.39)	HubnerGSV21 (0.40)
Dot	ZarandiASC20 (214.00)	HauderBRPA20 (201.00)	Groleaz21 (195.00)	Dejemeppe16 (194.00)	Lunardi20 (181.00)
Cosine	HauderBRPA20 (0.98)	BeckPS03 (0.75)	MonetteDH09 (0.73)	YuraszeckMCCR23 (0.73)	HubnerGSV21 (0.72)
abs-1911-04766 R&C					
Euclid	GeibingerMM19 (0.24)	GeibingerMM21 (0.32)	PovedaAA23 (0.39)	CampeauG22 (0.40)	HeipckeCCS00 (0.42)
Dot	Dejemeppe16 (171.00)	Groleaz21 (171.00)	GeibingerMM19 (167.00)	Lombardi10 (164.00)	LaborieRSV18 (160.00)
Cosine	GeibingerMM19 (0.90)	GeibingerMM21 (0.81)	PovedaAA23 (0.75)	CampeauG22 (0.69)	BoudreaultSLQ22 (0.68)
abs-2102-08778 R&C					
Euclid	ColT19 (0.21)	ColT2019a (0.22)	Teppan22 (0.27)	WatsonB08 (0.29)	LauLN08 (0.30)
Dot	ColT22 (119.00)	Groleaz21 (105.00)	Godet21a (103.00)	Dejemeppe16 (101.00)	Lunardi20 (98.00)
Cosine	ColT19 (0.87)	ColT2019a (0.84)	Teppan22 (0.78)	WatsonB08 (0.73)	abs-2306-05747 (0.73)
abs-2211-14492 R&C					
Euclid	IklassovMR023 (0.35)	abs-2402-00459 (0.35)	KovacsTKSG21 (0.38)	BeckFW11 (0.38)	CarchraeB09 (0.38)
Dot	Groleaz21 (191.00)	ZarandiASC20 (184.00)	Dejemeppe16 (170.00)	Lunardi20 (164.00)	IsikYA23 (162.00)
Cosine	abs-2402-00459 (0.78)	IklassovMR023 (0.76)	KovacsTKSG21 (0.74)	MullerMKP22 (0.72)	BeckFW11 (0.72)
abs-2305-19888 R&C					
Euclid	HeinzNVH22 (0.13)	ArbaouiY18 (0.30)	Ham18a (0.32)	LahimerLH11 (0.34)	BenderWS21 (0.34)
Dot	Lunardi20 (165.00)	Groleaz21 (162.00)	ZarandiASC20 (155.00)	IsikYA23 (154.00)	Astrand21 (149.00)
Cosine	HeinzNVH22 (0.96)	ArbaouiY18 (0.78)	GedikKEK18 (0.76)	Ham18a (0.76)	LahimerLH11 (0.72)
abs-2306-05747 R&C					
Euclid	TasselGS23 (0.00)	WatsonB08 (0.30)	IklassovMR023 (0.30)	BeckFW11 (0.31)	CarchraeB09 (0.31)
Dot	TasselGS23 (145.00)	ZarandiASC20 (144.00)	Groleaz21 (144.00)	ColT22 (135.00)	Astrand21 (133.00)

Table 325: Most Similar Works

Work	1	2	3	4	5
Cosine	TasselGS23 (1.00)	BeckFW11 (0.78)	CarchraeB09 (0.77)	WatsonB08 (0.77)	IklassovMR023 (0.77)
abs-2312-13682 R&C					
Euclid	PerezGSL23 (0.05)	BockmayrP06 (0.25)	BarzegaranZP20 (0.27)	ZibranR11 (0.27)	ZibranR11a (0.27)
Dot	Dejemeppe16 (93.00)	Astrand21 (91.00)	LaborieRSV18 (89.00)	Lombardi10 (89.00)	ZarandiASC20 (86.00)
Cosine	PerezGSL23 (0.99)	BockmayrP06 (0.73)	AalianPG23 (0.73)	CarchraeB09 (0.71)	AstrandJZ18 (0.70)
abs-2402-00459 R&C					
Euclid	abs-2211-14492 (0.35)	ThiruvadyWGS14 (0.37)	HeipckeCCS00 (0.38)	ZhangYW21 (0.39)	KovacsTKSG21 (0.39)
Dot	ZarandiASC20 (180.00)	Groleaz21 (179.00)	Dejemeppe16 (163.00)	Lunardi20 (158.00)	IsikYA23 (155.00)
Cosine	abs-2211-14492 (0.78)	ThiruvadyWGS14 (0.72)	KovacsTKSG21 (0.71)	HeipckeCCS00 (0.70)	ZhangYW21 (0.69)

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 326: 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	[819]	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	[820]	2023	CoRR	9	0 0 0	0 0	1705	1730
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[690]	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	[691]	2023	CoRR	20	0 0 0	0 0	1706	1731
NuijtenA94 NuijtenA94	W. Nuijten, E. H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[658]	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	[659]	1996	European Journal of Operational Research	16	65 65 90	6 21	1588	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
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	1571	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	1573	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	1446	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
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	1698	1761
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	1577	1774

Table 326: 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	1579	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
ZibranR11 ZibranR11	M. F. Zibran, C. K. Roy	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach	Yes	[934]	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	[935]	2011	SCAM 2011	10	26 26 33	27 35	872	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	1361	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	1363	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	1496	1793
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	1486	1750
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	1700	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	1417	1715
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
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	[739]	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	[741]	2009	ICROMA 2009	14	0 0 0	0 0	783	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	1417	1715
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
Caballero23 Caballero23	J. C. Caballero	Scheduling through logic-based tools	Yes	[175]	2023	Constraints An Int. J.	1	0 0 0	0 0	1417	1715
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

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TasselGS23 [819]	9	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic		industrial instance, real-world, github, benchmark, supplementary material	propagation, CP, constraint programming, constraint optimization	Choco Solver	JSSP	job-shop, flow-shop, completion-time, flow-time, re-scheduling, precedence, tardiness, preempt, make-span, periodic	cumulative, disjunctive, noOverlap		resource, job, order, scheduling, task, machine	18	888
abs-2306-05747 [820]	9	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing		real-world, github, industrial instance, supplementary material, benchmark	propagation, constraint programming, CP, constraint optimization	Choco Solver	JSSP	re-scheduling, make-span, preempt, flow-time, completion-time, periodic, job-shop, precedence, tardiness, flow-shop	noOverlap, disjunctive, cumulative		scheduling, order, resource, job, task, machine	997	1730
PerezGSL23 [690]	7	large neighborhood search, mat heuristic, meta heuristic	container terminal, nurse, operating room, steel mill	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, transportation, re-scheduling, make-span, completion-time	table constraint, cumulative		order, scheduling, task, machine, resource, activity	14	884
abs-2312-13682 [691]	20	large neighborhood search, mat heuristic, meta heuristic	container terminal, train schedule, nurse, steel mill, operating room	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, re-scheduling, make-span, transportation	table constraint, cumulative		activity, machine, scheduling, order, resource, task	998	1731
NuijtenA94 [658]	5	time-tabling			constraint satisfaction, propagation, CP, CSP, CLP	Ilog Solver, CPO	JSSP	preempt, make-span, preemptive, job-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	426	n/a

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NuijtenA96 [659]	16	time-tabling			constraint satisfaction, propagation, CP, constraint programming, CSP, CLP	CPO	JSSP	preempt, make-span, preemptive, job-shop, flow-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	1337	n/a
NishikawaSTT18 [648]	6	genetic algorithm	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex		precedence, make-span, distributed	alternative constraint, endBeforeStart		scheduling, activity, order, resource, task	97	n/a
NishikawaSTT18a [649]	6	genetic algorithm	robot, nurse, pipeline	benchmark, real-life, real-world	CP, constraint programming, propagation	Cplex		make-span, distributed, re-scheduling, precedence	endBeforeStart, alternative constraint		scheduling, resource, task, order, activity	98	n/a
NaderiBZ22 [633]	29	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-life	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	1018	n/a

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NaderiBZ23 [634]	32	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-world	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	987	n/a
EvenSH15 [283]	18	column generation, sweep, mat heuristic, ant colony	evacuation, emergency service	real-life, real-world	CP, constraint programming	OPL, Choco Solver		transportation, preempt, distributed, preemptive, Benders Decomposition, completion-time	Disjunctive constraint, cumulative, disjunctive		machine, resource, order, scheduling, task	144	n/a
EvenSH15a [284]	16	ant colony, mat heuristic, meta heuristic, column generation, sweep	emergency service, evacuation	real-world, real-life	constraint programming, CP	Choco Solver, OPL		distributed, transportation, Benders Decomposition, preempt, preemptive, completion-time	disjunctive, Disjunctive constraint, cumulative		resource, order, scheduling, task, machine	1150	n/a
Baptiste09 [63]	1				CP						scheduling	240	n/a
CarchraeBF05 [182]	1				CP		Partial Order Schedule	make-span			task, scheduling, order	299	n/a

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BehrensLM19 [105]	7		robot	github, real-world	propagation, constraint satisfaction, constraint programming, CP, CSP, constraint optimization	OR-Tools, MiniZinc		setup-time, make-span, distributed, multi-agent			resource, task, order, machine, scheduling	66	929
abs-1901-07914 [106]	8		robot	real-world, github, benchmark	constraint programming, CP, CSP, constraint satisfaction, constraint optimization, propagation	OR-Tools, MiniZinc		distributed, multi-agent, make-span, Unsatisfiable			resource, task, machine, scheduling, order	1098	1761
NattafAL15 [640]	21	sweep, energetic reasoning		generated instance	propagation, constraint programming, CSP, CP	Cplex	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	release-date, preempt, make-span, due-date, preemptive, Infeasible	cumulative		scheduling, task, resource, activity, order	1155	1774
NattafALR16 [642]	34	sweep, energetic reasoning		generated instance	propagation, constraint programming, CP, CSP	Cplex	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	preemptive, no preempt, precedence, make-span, preempt, due-date, explanation, release-date, Infeasible	cumulative		task, order, scheduling, activity, resource	1141	n/a
AngelsmarkJ00 [28]	5				propagation, constraint satisfaction, CP			job-shop			resource, job, order, task, scheduling	371	n/a
CarchraeBF05 [182]	1				CP		Partial Order Schedule	make-span			task, scheduling, order	299	n/a
ZibranR11 [934]	4	simulated annealing, genetic algorithm, meta heuristic			CP, constraint programming, constraint satisfaction	Cplex, OPL		Infeasible			order, activity, scheduling	225	n/a

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZibranR11a [935]	10	meta heuristic, time-tabling, genetic algorithm, simulated annealing			propagation, CP, constraint programming, constraint satisfaction	Cplex, OPL		distributed, Infeasible			activity, order, scheduling, resource	226	n/a
Alaka21 [21]	11	meta heuristic, genetic algorithm		real-life	CP, constraint programming, propagation			precedence, multi-objective, stochastic, completion-time, cyclic scheduling	cycle		task, resource, order, machine, scheduling	1031	n/a
AlakaPY19 [23]	9	genetic algorithm		real-life	CP, constraint programming	Cplex		precedence, stochastic, completion-time, cyclic scheduling, multi-objective	bin-packing, cycle		scheduling, machine, order, task, resource	1078	n/a
Hooker05a [425]	14	MINLP			CP, constraint programming, constraint logic programming	Ilog Scheduler, OPL, Cplex		Benders Decomposition, release-date, Logic-Based Benders Decomposition, make-span, due-date, precedence, tardiness	circuit, cumulative, disjunctive		machine, resource, order, scheduling, task, job	307	n/a
Hooker06 [427]	19	MINLP		random instance	constraint satisfaction, constraint programming, CP, constraint logic programming	OPL, Ilog Scheduler, Cplex		release-date, Logic-Based Benders Decomposition, make-span, precedence, due-date, tardiness, Benders Decomposition	disjunctive, cumulative, circuit		machine, job, task, resource, order, scheduling	1266	1793

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HauderBRPA20 [394]	14	particle swarm, genetic algorithm, meta heuristic	aircraft	industry partner, benchmark, real-world, supplementary material	constraint programming, propagation, CP	OPL, Cplex	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	setup-time, bi-objective, no-wait, job-shop, stochastic, completion-time, precedence, earliness, transportation, tardiness, make-span, explanation, inventory, due-date, flow-shop, multi-objective, breakdown, manpower	cumulative, cycle	automobile industry, food-processing industry, steel industry, processing industry	order, resource, task, machine, activity, scheduling, job	1064	1750
abs-1902-09244 [393]	62	genetic algorithm, particle swarm, simulated annealing, meta heuristic	aircraft	real-world, benchmark, industry partner	constraint programming, CP, propagation	OPL, Cplex	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	setup-time, flow-shop, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, make-span, release-date	cycle, cumulative, endBeforeStart	automobile industry, steel industry, food-processing industry, glass industry, processing industry	activity, machine, job, order, resource, task, scheduling	1100	n/a
Baptiste09 [63]	1				CP						scheduling	240	n/a
Caballero23 [175]	1				CP		Resource-constrained Project Scheduling Problem, RCPSP				scheduling, resource	971	1715
AbrilSB05 [6]	1		railway		CP, CSP			distributed, multi-agent			scheduling, order	293	n/a

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste09 [63]	1				CP						scheduling	240	n/a
CestaOS98 [199]	1		robot		CSP, CP						job, scheduling, resource	389	n/a
KovacsEKV05 [494]	1			real-life	CP, constraint programming		Resource-constrained Project Scheduling Problem	setup-time, precedence, job-shop			scheduling, resource, job	310	n/a
Rodriguez07b [739]	14	edge-finding	train schedule, railway		CP, CSP, constraint programming, propagation	Ilog Scheduler, Z3, Ilog Solver		re-scheduling, blocking constraint, no-wait, job-shop, release-date, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint	railway industry	order, resource, task, scheduling, activity, job	281	n/a
RodriguezS09 [741]	14	edge-finding	train schedule, railway		CSP, constraint programming, propagation, constraint satisfaction, CP	Ilog Scheduler, Ilog Solver		blocking constraint, Benders Decomposition, no-wait, Logic-Based Benders Decomposition, job-shop, completion-time, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint		order, resource, task, scheduling, activity, job	247	n/a
Caballero23 [175]	1				CP		Resource-constrained Project Scheduling Problem, RCPSP				scheduling, resource	971	1715
KovacsEKV05 [494]	1			real-life	CP, constraint programming		Resource-constrained Project Scheduling Problem	setup-time, precedence, job-shop			scheduling, resource, job	310	n/a
Caballero23 [175]	1				CP		Resource-constrained Project Scheduling Problem, RCPSP				scheduling, resource	971	1715

Table 327: Features of Work Close by Euclidean Distance

Work	Pages	Algorithms	Applica-tionAreas	Benchmarks	CP	CPSystems	Classifica-tion	Concepts	Constraints	Industries	Scheduling	a	c
CestaOS98 [199]	1		robot		CSP, CP						job, scheduling, resource	389	n/a

I.2 Most Similar Works Based on Dot Product Similarity

As before, but now based on the dot product similarity measure.

Table 328: 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	3190	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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	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	3182	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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	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	3182	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3178	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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	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	3178	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3196	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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	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	3182	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	3197	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	3177	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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	n/a
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[785]	2015	Constraints An Int. J.	2	4 3 0	0 0	1641	1776
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	[786]	2015	INSA Toulouse, France	199	0 0 0	0 0	3203	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	3178	n/a

Table 328: 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	3182	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	3178	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	3197	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	3177	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3195	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3197	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[363]	2021	Université de Lyon	153	0 0 0	0 0	3190	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	3196	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	3178	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	3195	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	[711]	2024	Results in Control and Optimization	17	0 0 0	0 149	1609	1709
ZarandiASC20 ZarandiASC20	M. H. F. Zarandi, A. A. S. Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	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	3182	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	3195	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	3178	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	3186	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	3195	n/a

Table 328: 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	[915]	2020	Artif. Intell. Rev.	93	55 64 66	445 538	1681	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lunardi20 [568]	181	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	high performance computing, robot, airport, tournament	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	CP, constraint programming, constraint satisfaction	CPO, OPL, Cplex	parallel machine, FJS, single machine	reactive scheduling, unavailability, cmax, lateness, rescheduling, stochastic, no preempt, job-shop, transportation, open-shop, completion-time, multi-objective, setup-time, breakdown, Pareto, release-date, make-span, bi-objective, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness, Infeasible	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	printing industry, glass industry	machine, resource, order, activity, scheduling, task, job	3153	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Malapert11 [578]	194	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep	robot, semiconductor, rectangle-packing, maintenance scheduling, patient	real-world, industrial partner, generated instance, benchmark	COP, constraint satisfaction, constraint programming, propagation, CP, CSP, CLP	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	Open Shop Scheduling Problem, single machine	tardiness, lateness, preempt, batch process, flow-time, preemptive, job-shop, no-wait, flow-shop, completion-time, precedence, planned maintenance, inventory, setup-time, open-shop, cmax, multi-objective, transportation, make-span, due-date, Infeasible	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint		resource, activity, job, order, scheduling, task, machine	3166	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Astrand21 [50]	142	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	satellite, agriculture, semiconductor, drone, robot	generated instance, benchmark, real-world, real-life	propagation, constraint programming, CSP, CP, constraint satisfaction	Cplex, OPL, Gecode	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	sequence dependent setup, due-date, flow-shop, net present value, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, completion-time, multi-objective, distributed, one-machine scheduling, job-shop, transportation, open-shop, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, make-span, unavailability, Infeasible	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	potash industry, mineral industry, mining industry, maritime industry, shipping industry	machine, resource, job, order, activity, scheduling, task	3148	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Siala15 [785]	2	edge-finding, GRASP, time-tabling	rectangle-packing, automotive	github, Roadef, CSPlib, real-world, benchmark, random instance	propagation, CP, constraint programming	Ilog Solver, CHIP, Claire, OPL, Mistral	single machine, OSP, RCPSP, TMS	sequence dependent setup, setup-time, open-shop, precedence, cmax, job-shop, explanation, due-date, earliness, tardiness, make-span	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		machine, activity, job, order, scheduling, task, resource	1158	1776

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Siala15a [786]	199	evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, time-tabling, large neighborhood search, ant colony, GRASP	rectangle-packing, automotive	Roadef, real-world, github, benchmark, random instance, CSPlib	constraint programming, CP, constraint logic programming, COP, CSP, CLP, constraint satisfaction, propagation	Ilog Solver, Mistral, Claire, CHIP, OPL	OSP, RCPSP, single machine, TMS	job-shop, explanation, earliness, setup-time, make-span, precedence, cmax, sequence dependent setup, due-date, tardiness, open-shop, periodic, Infeasible, Unsatisfiable	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		activity, machine, job, resource, order, scheduling, task	3162	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Malapert11 [578]	194	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep	robot, semiconductor, rectangle-packing, maintenance scheduling, patient	real-world, industrial partner, generated instance, benchmark	COP, constraint satisfaction, constraint programming, propagation, CP, CSP, CLP	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	Open Shop Scheduling Problem, single machine	tardiness, lateness, preempt, batch process, flow-time, preemptive, job-shop, no-wait, flow-shop, completion-time, precedence, planned maintenance, inventory, setup-time, open-shop, cmax, multi-objective, transportation, make-span, due-date, Infeasible	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint		resource, activity, job, order, scheduling, task, machine	3166	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Astrand21 [50]	142	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	satellite, agriculture, semiconductor, drone, robot	generated instance, benchmark, real-world, real-life	propagation, constraint programming, CSP, CP, constraint satisfaction	Cplex, OPL, Gecode	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	sequence dependent setup, due-date, flow-shop, net present value, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, completion-time, multi-objective, distributed, one-machine scheduling, job-shop, transportation, open-shop, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, make-span, unavailability, Infeasible	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	potash industry, mineral industry, mining industry, maritime industry, shipping industry	machine, resource, job, order, activity, scheduling, task	3148	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lombardi10 [548]	175	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	pipeline, aircraft, semiconductor, business process, medical, automotive	generated instance, benchmark, instance generator, real-life, real-world	constraint programming, CSP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, OPL, Cplex	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	re-scheduling, precedence, Benders Decomposition, release-date, stochastic, setup-time, net present value, multi-objective, tardiness, preempt, make-span, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, explanation, completion-time, inventory, energy efficiency, Infeasible, Over-constrained	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	semiconductor industry	job, order, scheduling, task, machine, activity, resource	3169	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Malapert11 [578]	194	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep	robot, semiconductor, rectangle-packing, maintenance scheduling, patient	real-world, industrial partner, generated instance, benchmark	COP, constraint satisfaction, constraint programming, propagation, CP, CSP, CLP	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	Open Shop Scheduling Problem, single machine	tardiness, lateness, preempt, batch process, flow-time, preemptive, job-shop, no-wait, flow-shop, completion-time, precedence, planned maintenance, inventory, setup-time, open-shop, cmax, multi-objective, transportation, make-span, due-date, Infeasible	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint		resource, activity, job, order, scheduling, task, machine	3166	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Groleaz21 [363]	153	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	dairy, robot, automotive, business process	benchmark, real-life	constraint satisfaction, COP, propagation, constraint programming, CSP, CP	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, make-span, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, explanation, lateness, rescheduling, stochastic, precedence, inventory, tardiness, earliness, completion-time, online scheduling, distributed, job-shop, transportation, open-shop	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	food industry, dairy industry, agrifood industry	activity, scheduling, task, machine, resource, job, order	3150	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lunardi20 [568]	181	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	high performance computing, robot, airport, tournament	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	CP, constraint programming, constraint satisfaction	CPO, OPL, Cplex	parallel machine, FJS, single machine	reactive scheduling, unavailability, cmax, lateness, rescheduling, stochastic, no preempt, job-shop, transportation, open-shop, completion-time, multi-objective, setup-time, breakdown, Pareto, release-date, make-span, bi-objective, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness, Infeasible	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	printing industry, glass industry	machine, resource, order, activity, scheduling, task, job	3153	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lombardi10 [548]	175	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	pipeline, aircraft, semiconductor, business process, medical, automotive	generated instance, benchmark, instance generator, real-life, real-world	constraint programming, CSP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, OPL, Cplex	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	re-scheduling, precedence, Benders Decomposition, release-date, stochastic, setup-time, net present value, multi-objective, tardiness, preempt, make-span, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, explanation, completion-time, inventory, energy efficiency, Infeasible, Over-constrained	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	semiconductor industry	job, order, scheduling, task, machine, activity, resource	3169	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
PrataAN23 [711]	17	mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, time-tabling, large neighborhood search, particle swarm	dairy, robot, energy-price, aircraft	real-life, benchmark, real-world	CP, constraint programming	CHIP	single machine, Open Shop Scheduling Problem, parallel machine	multi-objective, setup-time, release-date, no-wait, single-machine scheduling, Logic-Based Benders Decomposition, make-span, bi-objective, order scheduling, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, lateness, re-scheduling, stochastic, inventory, distributed, job-shop, open-shop, Benders Decomposition	circuit, cumulative	manufacturing industry	order, activity, scheduling, task, job, machine, resource	962	1709

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	1076	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Dejemeppe16 [238]	274	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	supercomputer, nurse, robot, container terminal, medical, patient, tournament, physician	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	constraint programming, COP, CP, propagation, constraint satisfaction, CSP, constraint optimization	OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	Pareto, explanation, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, stochastic, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, continuous-process, preempt, tardiness, re-scheduling, due-date, no-wait, job-shop, Infeasible, Over-constrained, Unsatisfiable	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint	paper industry	job, activity, task, order, machine, scheduling, resource	3157	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lombardi10 [548]	175	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	pipeline, aircraft, semiconductor, business process, medical, automotive	generated instance, benchmark, instance generator, real-life, real-world	constraint programming, CSP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, OPL, Cplex	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	re-scheduling, precedence, Benders Decomposition, release-date, stochastic, setup-time, net present value, multi-objective, tardiness, preempt, make-span, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, explanation, completion-time, inventory, energy efficiency, Infeasible, Over-constrained	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	semiconductor industry	job, order, scheduling, task, machine, activity, resource	3169	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Baptiste02 [62]	237	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	hoist	real-life, generated instance, benchmark	CSP, CLP, constraint satisfaction, propagation, constraint logic programming, constraint programming, CP	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	re-scheduling, release-date, Pareto, preempt, make-span, distributed, no preempt, due-date, tardiness, lateness, earliness, sequence dependent setup, flow-time, preemptive, job-shop, reactive scheduling, flow-shop, completion-time, precedence, inventory, setup-time, single-machine scheduling, open-shop, one-machine scheduling, cmax	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint		scheduling, task, machine, resource, activity, job, order	3173	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Fahimi16 [286]	120	time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow	airport, aircraft	benchmark, random instance, Roadef, real-world	constraint satisfaction, propagation, CSP, CP, constraint logic programming, constraint programming	Choco Solver, Ilog Scheduler, Gecode, CHIP	single machine, CuSP, parallel machine, RCPSP	reactive scheduling, completion-time, flow-shop, open-shop, stochastic, periodic, job-shop, Logic-Based Benders Decomposition, preempt, precedence, batch process, setup-time, due-date, preemptive, make-span, lateness, transportation, sequence dependent setup, tardiness, Benders Decomposition, Unsatisfiable	Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive		task, activity, order, machine, job, resource, scheduling	3158	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Lombardi10 [548]	175	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	pipeline, aircraft, semiconductor, business process, medical, automotive	generated instance, benchmark, instance generator, real-life, real-world	constraint programming, CSP, constraint logic programming, constraint satisfaction, propagation, CP	Ilog Solver, OPL, Cplex	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	re-scheduling, precedence, Benders Decomposition, release-date, stochastic, setup-time, net present value, multi-objective, tardiness, preempt, make-span, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, explanation, completion-time, inventory, energy efficiency, Infeasible, Over-constrained	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	semiconductor industry	job, order, scheduling, task, machine, activity, resource	3169	n/a

Table 329: Features of Works Similar by Dot Product

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
ZarandiASC20 [915]	93	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	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	real-world, benchmark, real-life	propagation, constraint satisfaction, CP, CSP, constraint logic programming, constraint programming, CLP	OPL	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	tardiness, batch process, multi-agent, completion-time, due-date, flow-shop, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, inventory, bi-objective, distributed, lateness, no-wait, two-stage scheduling, net present value, one-machine scheduling, cmax, stochastic, reactive scheduling, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, Infeasible	disjunctive, cycle	textile industry, gas industry	activity, scheduling, machine, job, order, resource, task	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 330: 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	[819]	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	[820]	2023	CoRR	9	0 0 0	0 0	1705	1730
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	1571	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	1573	n/a
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[690]	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	[691]	2023	CoRR	20	0 0 0	0 0	1706	1731
NuijtenA94 NuijtenA94	W. Nuijten, E. H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[658]	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	[659]	1996	European Journal of Operational Research	16	65 65 90	6 21	1588	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	1446	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
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	1486	1750
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	1700	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	1564	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	1565	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	1577	1774
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	1579	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	1496	1793

Table 330: 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
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	1698	1761
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	1379	1796
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	1489	1737
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	1704	1729
Rodriguez07b Rodriguez07b	J. Rodriguez	A study of the use of state resources in a constraint-based model for routing and scheduling trains	Yes	[739]	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	[741]	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	[871]	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	[872]	2005	Constraints An Int. J.	23	21 21 32	5 16	1668	1795
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	1361	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	1363	n/a
ZibranR11 ZibranR11	M. F. Zibran, C. K. Roy	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach	Yes	[934]	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	[935]	2011	SCAM 2011	10	26 26 33	27 35	872	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
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
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
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	1531	1721
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

Table 330: 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
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	1582	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
TasselGS23 [819]	9	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic		industrial instance, real-world, github, benchmark, supplementary material	propagation, CP, constraint programming, constraint optimization	Choco Solver	JSSP	job-shop, flow-shop, completion-time, flow-time, re-scheduling, precedence, tardiness, preempt, make-span, periodic	cumulative, disjunctive, noOverlap		resource, job, order, scheduling, task, machine	18	888
abs-2306-05747 [820]	9	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing		real-world, github, industrial instance, supplementary material, benchmark	propagation, constraint programming, CP, constraint optimization	Choco Solver	JSSP	re-scheduling, make-span, preempt, flow-time, completion-time, periodic, job-shop, precedence, tardiness, flow-shop	noOverlap, disjunctive, cumulative		scheduling, order, resource, job, task, machine	997	1730

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
NaderiBZ22 [633]	29	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-life	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	1018	n/a
NaderiBZ23 [634]	32	meta heuristic, memetic algorithm	crew-scheduling, nurse, surgery, patient, operating room, automotive	benchmark, real-world	CP, constraint programming	Cplex, CPO	parallel machine, single machine	stochastic, setup-time, open-shop, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, transportation, no-wait, completion-time, Benders Decomposition, Infeasible	disjunctive, noOverlap, Disjunctive constraint		order, scheduling, machine, resource, job	987	n/a
PerezGSL23 [690]	7	large neighborhood search, mat heuristic, meta heuristic	container terminal, nurse, operating room, steel mill	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, transportation, re-scheduling, make-span, completion-time	table constraint, cumulative		order, scheduling, task, machine, resource, activity	14	884

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-2312-13682 [691]	20	large neighborhood search, mat heuristic, meta heuristic	container terminal, train schedule, nurse, steel mill, operating room	real-world, generated instance	constraint programming, propagation, CP	OPL		inventory, re-scheduling, make-span, transportation	table constraint, cumulative		activity, machine, scheduling, order, resource, task	998	1731
NuijtenA94 [658]	5	time-tabling			constraint satisfaction, propagation, CP, CSP, CLP	Ilog Solver, CPO	JSSP	preempt, make-span, preemptive, job-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	426	n/a
NuijtenA96 [659]	16	time-tabling			constraint satisfaction, propagation, CP, constraint programming, CSP, CLP	CPO	JSSP	preempt, make-span, preemptive, job-shop, flow-shop, completion-time, precedence, Infeasible	disjunctive, Disjunctive constraint		scheduling, machine, resource, job, order	1337	n/a
EvenSH15 [283]	18	column generation, sweep, mat heuristic, ant colony	evacuation, emergency service	real-life, real-world	CP, constraint programming	OPL, Choco Solver		transportation, preempt, distributed, preemptive, Benders Decomposition, completion-time	Disjunctive constraint, cumulative, disjunctive		machine, resource, order, scheduling, task	144	n/a
EvenSH15a [284]	16	ant colony, mat heuristic, meta heuristic, column generation, sweep	emergency service, evacuation	real-world, real-life	constraint programming, CP	Choco Solver, OPL		distributed, transportation, Benders Decomposition, preempt, preemptive, completion-time	disjunctive, Disjunctive constraint, cumulative		resource, order, scheduling, task, machine	1150	n/a
NishikawaSTT18 [648]	6	genetic algorithm	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex		precedence, make-span, distributed	alternative constraint, endBeforeStart		scheduling, activity, order, resource, task	97	n/a
NishikawaSTT18a [649]	6	genetic algorithm	robot, nurse, pipeline	benchmark, real-life, real-world	CP, constraint programming, propagation	Cplex		make-span, distributed, re-scheduling, precedence	endBeforeStart, alternative constraint		scheduling, resource, task, order, activity	98	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
HauderBRPA20 [394]	14	particle swarm, genetic algorithm, meta heuristic	aircraft	industry partner, benchmark, real-world, supplementary material	constraint programming, propagation, CP	OPL, Cplex	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	setup-time, bi-objective, no-wait, job-shop, stochastic, completion-time, precedence, earliness, transportation, tardiness, make-span, explanation, inventory, due-date, flow-shop, multi-objective, breakdown, manpower	cumulative, cycle	automobile industry, food-processing industry, steel industry, processing industry	order, resource, task, machine, activity, scheduling, job	1064	1750
abs-1902-09244 [393]	62	genetic algorithm, particle swarm, simulated annealing, meta heuristic	aircraft	real-world, benchmark, industry partner	constraint programming, CP, propagation	OPL, Cplex	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	setup-time, flow-shop, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, make-span, release-date	cycle, cumulative, endBeforeStart	automobile industry, steel industry, food-processing industry, glass industry, processing industry	activity, machine, job, order, resource, task, scheduling	1100	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MilanoW06 [608]	45	column generation, edge-finder, meta heuristic, time-tabling, large neighborhood search, Lagrangian relaxation	crew-scheduling	benchmark	constraint logic programming, constraint satisfaction, CP, propagation, constraint programming, CSP	CHIP, ECLiPSe, Cplex, OPL	single machine, parallel machine	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, preempt, setup-time, explanation, single-machine scheduling, tardiness, preemptive, due-date, lateness, stochastic, transportation, Benders Decomposition, completion-time, Infeasible, Over-constrained	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		resource, job, scheduling, task, machine, order, activity	1268	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
MilanoW09 [609]	40	column generation, edge-finder, meta heuristic, lazy clause generation, time-tabling, large neighborhood search, Lagrangian relaxation	crew-scheduling	benchmark	constraint logic programming, constraint satisfaction, CP, propagation, constraint programming, CSP	CHIP, SCIP, ECLiPSe, Cplex, OPL	single machine	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, preempt, setup-time, explanation, single-machine scheduling, tardiness, preemptive, due-date, lateness, stochastic, transportation, Benders Decomposition, completion-time, Infeasible, Over-constrained	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		resource, job, scheduling, task, machine, order, activity	1239	n/a
NattafAL15 [640]	21	sweep, energetic reasoning		generated instance	propagation, constraint programming, CSP, CP	Cplex	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	release-date, preempt, make-span, due-date, preemptive, Infeasible	cumulative		scheduling, task, resource, activity, order	1155	1774
NattafALR16 [642]	34	sweep, energetic reasoning		generated instance	propagation, constraint programming, CP, CSP	Cplex	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	preemptive, no preempt, precedence, make-span, preempt, due-date, explanation, release-date, Infeasible	cumulative		task, order, scheduling, activity, resource	1141	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
Hooker05a [425]	14	MINLP			CP, constraint programming, constraint logic programming	Ilog Scheduler, OPL, Cplex		Benders Decomposition, release-date, Logic-Based Benders Decomposition, make-span, due-date, precedence, tardiness	circuit, cumulative, disjunctive		machine, resource, order, scheduling, task, job	307	n/a
Hooker06 [427]	19	MINLP		random instance	constraint satisfaction, constraint programming, CP, constraint logic programming	OPL, Ilog Scheduler, Cplex		release-date, Logic-Based Benders Decomposition, make-span, precedence, due-date, tardiness, Benders Decomposition	disjunctive, cumulative, circuit		machine, job, task, resource, order, scheduling	1266	1793
BehrensLM19 [105]	7		robot	github, real-world	propagation, constraint satisfaction, constraint programming, CP, CSP, constraint optimization	OR-Tools, MiniZinc		setup-time, make-span, distributed, multi-agent			resource, task, order, machine, scheduling	66	929
abs-1901-07914 [106]	8		robot	real-world, github, benchmark	constraint programming, CP, CSP, constraint satisfaction, constraint optimization, propagation	OR-Tools, MiniZinc		distributed, multi-agent, make-span, Unsatisfiable			resource, task, machine, scheduling, order	1098	1761

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
BaptisteP00 [69]	21	energetic reasoning, edge-finding, edge-finder		benchmark	CP, CSP, propagation, constraint satisfaction, constraint programming	Claire, CHIP, Ilog Scheduler	RCPSP	preempt, cmax, rescheduling, due-date, preemptive, job-shop, precedence, release-date, flow-shop, make-span	cumulative, Disjunctive constraint, disjunctive		scheduling, job, activity, resource, task, order	1303	1796
BaptisteP97 [68]	15	edge-finding, edge-finder		benchmark	CP, CSP, propagation, constraint satisfaction, constraint programming	Claire, CHIP	Resource-constrained Project Scheduling Problem, RCPSP	preempt, rescheduling, due-date, preemptive, job-shop, precedence, release-date, flow-shop, make-span	cumulative, Disjunctive constraint, disjunctive		scheduling, job, activity, resource, task, order	395	n/a
HeinzNVH22 [407]	16	meta heuristic, genetic algorithm, Lagrangian relaxation	high performance computing, robot, crew-scheduling	real-world, generated instance, benchmark, gitlab	CP, constraint programming	Gurobi	parallel machine	rescheduling, bi-objective, preempt, sequence dependent setup, unavailability, make-span, distributed, flow-shop, completion-time, preemptive, explanation, precedence, setup-time, Infeasible	cumulative, noOverlap, alternative constraint		scheduling, task, machine, resource, activity, job, order	1012	1737

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
abs-2305-19888 [408]	42	meta heuristic, Lagrangian relaxation, genetic algorithm	robot, high performance computing	gitlab, generated instance, real-world, benchmark	constraint programming, CP	Gurobi	parallel machine	sequence dependent setup, distributed, flow-shop, make-span, preempt, setup-time, rescheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, precedence, Infeasible	alternative constraint, noOverlap, cumulative		scheduling, order, activity, machine, job, resource, task	996	1729
Rodriguez07b [739]	14	edge-finding	train schedule, railway		CP, CSP, constraint programming, propagation	Ilog Scheduler, Z3, Ilog Solver		rescheduling, blocking constraint, no-wait, job-shop, release-date, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint	railway industry	order, resource, task, scheduling, activity, job	281	n/a
RodriguezS09 [741]	14	edge-finding	train schedule, railway		CSP, constraint programming, propagation, constraint satisfaction, CP	Ilog Scheduler, Ilog Solver		blocking constraint, Benders Decomposition, no-wait, Logic-Based Benders Decomposition, job-shop, completion-time, precedence, transportation	circuit, disjunctive, Blocking constraint, Disjunctive constraint		order, resource, task, scheduling, activity, job	247	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
VilimBC04 [871]	15	edge-finding, not-first, not-last		benchmark, real-life	CP, propagation, constraint programming			make-span, precedence, completion-time, distributed, job-shop, open-shop, Infeasible	disjunctive, cumulative		scheduling, job, machine, resource, order, activity	339	n/a
VilimBC05 [872]	23	edge-finding, not-first, not-last, sweep		benchmark, real-life	CLP, CP, propagation, constraint programming			setup-time, make-span, sequence dependent setup, batch process, precedence, completion-time, distributed, job-shop, open-shop, Infeasible	disjunctive, cumulative, cycle		scheduling, task, job, machine, resource, order, activity	1275	1795
Alaka21 [21]	11	meta heuristic, genetic algorithm		real-life	CP, constraint programming, propagation			precedence, multi-objective, stochastic, completion-time, cyclic scheduling	cycle		task, resource, order, machine, scheduling	1031	n/a
AlakaPY19 [23]	9	genetic algorithm		real-life	CP, constraint programming	Cplex		precedence, stochastic, completion-time, cyclic scheduling, multi-objective	bin-packing, cycle		scheduling, machine, order, task, resource	1078	n/a
ZibranR11 [934]	4	simulated annealing, genetic algorithm, meta heuristic			CP, constraint programming, constraint satisfaction	Cplex, OPL		Infeasible			order, activity, scheduling	225	n/a
ZibranR11a [935]	10	meta heuristic, time-tabling, genetic algorithm, simulated annealing			propagation, CP, constraint programming, constraint satisfaction	Cplex, OPL		distributed, Infeasible			activity, order, scheduling, resource	226	n/a
LetortBC12 [526]	16	meta heuristic, sweep, edge-finding	datacenter	benchmark, random instance, Roadef	constraint programming, CP, CLP, propagation	Choco Solver, CHIP, SICStus	psplib	precedence, make-span	cumulative, geost, Cumulatives constraint, bin-packing		order, scheduling, task, machine, resource	199	n/a

Table 331: Features of Works Similar by Cosine Similarity

Work	Pages	Algorithms	ApplicationAreas	Benchmarks	CP	CPSystems	Classification	Concepts	Constraints	Industries	Scheduling	a	c
LetortCB13 [527]	16	energetic reasoning, meta heuristic, sweep, edge-finding		benchmark, random instance, Roadef	constraint programming, CP, propagation	Choco Solver, SICStus	psplib, RCPSP	precedence, make-span	Disjunctive constraint, cumulative, disjunctive, bin-packing		order, scheduling, task, machine, resource	185	957
LacknerMMWW21 [514]	18	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm	semiconductor, oven scheduling	random instance, supplementary material, benchmark, instance generator, real-life, industrial partner	CP, constraint programming	Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	single machine, parallel machine, OSP	flow-shop, lateness, batch process, release-date, tardiness, earliness, setup-time, due-date, make-span	cumulative, endBeforeStart, noOverlap, Element constraint	manufacturing industry, electronics industry, steel industry	scheduling, machine, job, order, task	51	916
LacknerMMWW23 [515]	42	ant colony, GRASP, simulated annealing, large neighborhood search, time-tabling, particle swarm, meta heuristic, genetic algorithm	semiconductor, oven scheduling	zenodo, random instance, benchmark, instance generator, real-life, industrial partner	CP, constraint optimization, constraint programming	Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	single machine, parallel machine, OSP	explanation, lateness, batch process, job-shop, release-date, tardiness, earliness, setup-time, Pareto, due-date, multi-objective, make-span, Infeasible	disjunctive, bin-packing, alternative constraint, cumulative, endBeforeStart, noOverlap, Element constraint	manufacturing industry, electronics industry, steel industry	scheduling, machine, job, order, task	983	1721
NishikawaSTT18 [648]	6	genetic algorithm	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex		precedence, make-span, distributed	alternative constraint, endBeforeStart		scheduling, activity, order, resource, task	97	n/a
NishikawaSTT19 [650]	16	genetic algorithm, large neighborhood search	robot, pipeline	real-world, benchmark	constraint programming, propagation, CP	Cplex	parallel machine	online scheduling, precedence, make-span, preempt, distributed, re-scheduling, preemptive	alternative constraint, cumulative		scheduling, activity, machine, order, resource, task	1089	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 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1002/aic.14021 (bib)	journal-article	Sara Velez, Arul Sundaramoorthy, Christos T. Maravelias. Valid Inequalities Based on Demand Propagation for Chemical Production Scheduling MIP Models. AIChE Journal, 2013.	5	3	2	50	39	1008.30
10.1016/j.ejor.2015.11.020 (bib)	journal-article	Ridvan Gedik, Chase Rainwater, Heather Nachtmann, Ed A. Pohl. Analysis of a parallel machine scheduling problem with sequence dependent setup times and job availability intervals. European Journal of Operational Research, 2016.	18	9	9	38	41	22.60
10.1016/j.ejor.2019.10.014 (bib)	journal-article	Bahman Naderi, Vahid Roshanaei. Branch-Relax-and-Check: A tractable decomposition method for order acceptance and identical parallel machine scheduling. European Journal of Operational Research, 2020.	14	8	6	38	34	19.00
10.1007/3-540-61310-2 29 (bib)	book-chapter	Paul Martin, David B. Shmoys. A new approach to computing optimal schedules for the job-shop scheduling problem. Integer Programming and Combinatorial Optimization, 1996.	15	0	15	22	82	16.60
10.1080/0740817x.2012.705452 (bib)	journal-article	Mohammad M. Fazel-Zarandi, Oded Berman, J. Christopher Beck. Solving a stochastic facility location/fleet management problem with logic-based Benders' decomposition. IIE Transactions, 2013.	15	6	9	34	20	16.30
10.1016/j.apm.2009.09.002 (bib)	journal-article	Cemal Özgüven, Lale Özbakır, Yasemin Yavuz. Mathematical models for job-shop scheduling problems with routing and process plan flexibility. Applied Mathematical Modelling, 2010.	13	2	11	38	206	16.00
10.1016/j.omega.2019.03.001 (bib)	journal-article	Vahid Roshanaei, Curtiss Luong, Dionne M. Aleman, David R. Urbach. Reformulation, linearization, and decomposition techniques for balanced distributed operating room scheduling. Omega, 2020.	13	9	4	53	24	16.00
10.1287/mnsc.42.6.797 (bib)	journal-article	Eugeniusz Nowicki, Czeslaw Smutnicki. A Fast Taboo Search Algorithm for the Job Shop Problem. Management Science, 1996.	15	0	15	0	633	15.60
10.1016/j.compchemeng.2005.09.011 (bib)	journal-article	Christos T. Maravelias. A decomposition framework for the scheduling of single- and multi-stage processes. Computers & Chemical Engineering, 2006.	14	8	6	30	82	15.60
10.1016/j.cie.2012.03.018 (bib)	journal-article	Emrah B. Edis, Ceyda Oguz. Parallel machine scheduling with flexible resources. Computers & Industrial Engineering, 2012.	11	3	8	20	38	15.20
10.1016/j.cie.2009.02.012 (bib)	journal-article	H. Fei, N. Meskens, C. Chu. A planning and scheduling problem for an operating theatre using an open scheduling strategy. Computers & Industrial Engineering, 2010.	13	0	13	40	181	15.00
10.1016/j.ejor.2006.03.059 (bib)	journal-article	Dinh-Nguyen Pham, Andreas Klinkert. Surgical case scheduling as a generalized job shop scheduling problem. European Journal of Operational Research, 2008.	12	1	11	41	236	14.80
10.1007/s10845-007-0026-8 (bib)	journal-article	Parviz Fattahi, Mohammad Saidi Mehrabad, Fariborz Jolai. Mathematical modeling and heuristic approaches to flexible job shop scheduling problems. Journal of Intelligent Manufacturing, 2007.	12	0	12	16	249	14.70
10.1016/j.compchemeng.2006.02.008 (bib)	journal-article	Carlos A. Méndez, Jaime Cerdá, Ignacio E. Grossmann, Iiro Harjunkoski, Marco Fahl. State-of-the-art review of optimization methods for short-term scheduling of batch processes. Computers & Chemical Engineering, 2006.	13	5	8	116	642	14.60
10.1021/ie060449m (bib)	journal-article	Pedro M. Castro, Ignacio E. Grossmann, Augusto Q. Novais. Two New Continuous-Time Models for the Scheduling of Multistage Batch Plants with Sequence Dependent Changeovers. Industrial & Engineering Chemistry Research, 2006.	13	6	7	27	74	14.60
10.1007/978-3-540-24664-0 9 (bib)	book-chapter	Yingyi Chu, Quanshi Xia. Generating Benders Cuts for a General Class of Integer Programming Problems. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2004.	14	3	11	12	33	14.40
10.1016/0004-3702(80)90051-x (bib)	journal-article	Robert M. Haralick, Gordon L. Elliott. Increasing tree search efficiency for constraint satisfaction problems. Artificial Intelligence, 1980.	15	0	15	17	638	14.00
10.1016/j.omega.2019.01.003 (bib)	journal-article	Ramin Barzanji, Bahman Naderi, Mehmet A. Begen. Decomposition algorithms for the integrated process planning and scheduling problem. Omega, 2020.	11	2	9	60	41	14.00

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/s0377-2217(97)00442-6 (bib)	journal-article	Robert Klein, Armin Scholl. Computing lower bounds by destructive improvement: An application to resource-constrained project scheduling. European Journal of Operational Research, 1999.	12	0	12	23	86	13.90
10.1016/j.ejor.2007.05.046 (bib)	journal-article	Rasmus V. Rasmussen, Michael A. Trick. Round robin scheduling – a survey. European Journal of Operational Research, 2008.	12	7	5	63	225	13.80
10.1287/opre.46.1.1 (bib)	journal-article	George L. Nemhauser, Michael A. Trick. Scheduling A Major College Basketball Conference. Operations Research, 1998.	13	1	12	13	156	13.80
10.1016/j.ejor.2017.01.004 (bib)	journal-article	Sara Velez, Yachao Dong, Christos T. Maravelias. Changeover formulations for discrete-time mixed-integer programming scheduling models. European Journal of Operational Research, 2017.	11	9	2	38	21	13.70
10.1016/j.ijpe.2004.12.006 (bib)	journal-article	Aïda Jebali, Atidel B. Hadj Alouane, Pierre Ladet. Operating rooms scheduling. International Journal of Production Economics, 2006.	12	0	12	22	245	13.60
10.1007/bf01539706 (bib)	journal-article	Peter Brucker, Olaf Thiele. A branch amp; bound method for the general-shop problem with sequence dependent setup-times. OR Spektrum, 1996.	14	0	14	15	73	13.60
10.1016/j.omega.2015.02.001 (bib)	journal-article	David Wheatley, Fatma Gzara, Elizabeth Jewkes. Logic-based Benders decomposition for an inventory-location problem with service constraints. Omega, 2015.	12	6	6	23	46	13.50
10.1287/ijoc.2021.1113 (bib)	journal-article	Yantong Li, Jean-François Côté, Leandro Callegari-Coelho, Peng Wu. Novel Formulations and Logic-Based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem. INFORMS Journal on Computing, 2022.	9	7	2	55	16	13.20
10.1016/j.cor.2009.12.011 (bib)	journal-article	Oumar Koné, Christian Artigues, Pierre Lopez, Marcel Mongeau. Event-based MILP models for resource-constrained project scheduling problems. Computers & Operations Research, 2011.	10	3	7	40	132	13.10
10.1016/j.ejor.2009.04.011 (bib)	journal-article	Brecht Cardoen, Erik Demeulemeester, Jeroen Beliën. Operating room planning and scheduling: A literature review. European Journal of Operational Research, 2010.	11	0	11	124	748	13.00
10.1007/s10479-010-0693-2 (bib)	journal-article	Andrei Horbach. A Boolean satisfiability approach to the resource-constrained project scheduling problem. Annals of Operations Research, 2010.	10	4	6	46	26	13.00
10.1287/opre.1060.0286 (bib)	journal-article	Gianni Codato, Matteo Fischetti. Combinatorial Benders' Cuts for Mixed-Integer Linear Programming. Operations Research, 2006.	12	6	6	27	272	12.60
10.1007/s10951-005-6364-5 (bib)	journal-article	Eugeniusz Nowicki, Czes?aw Smutnicki. An Advanced Tabu Search Algorithm for the Job Shop Problem. Journal of Scheduling, 2005.	11	2	9	32	214	12.50
10.1287/mnsc.49.3.330.12737 (bib)	journal-article	Rolf H. Möhring, Andreas S. Schulz, Frederik Stork, Marc Uetz. Solving Project Scheduling Problems by Minimum Cut Computations. Management Science, 2003.	11	2	9	55	135	12.30
10.1016/j.ejor.2012.09.010 (bib)	journal-article	Bharathwaj Vijayakumar, Pratik J. Parikh, Rosalyn Scott, April Barnes, Jennie Gallimore. A dual bin-packing approach to scheduling surgical cases at a publicly-funded hospital. European Journal of Operational Research, 2013.	10	0	10	19	90	12.30
10.1016/j.dajour.2023.100248 (bib)	journal-article	Nhan-Quy Nguyen, Farouk Yalaoui. A new cumulative scheduling model using effective continuous-time formulation and dominance rules for optimality. Decision Analytics Journal, 2023.	9	9	0	41	0	12.30
10.1287/mnsc.38.12.1803 (bib)	journal-article	Erik Demeulemeester, Willy Herroelen. A Branch-and-Bound Procedure for the Multiple Resource-Constrained Project Scheduling Problem. Management Science, 1992.	11	0	11	0	387	12.20
10.1016/j.ejor.2010.03.037 (bib)	journal-article	Jan Węglarz, Joanna Józefowska, Marek Mika, Grzegorz Waligóra. Project scheduling with finite or infinite number of activity processing modes – A survey. European Journal of Operational Research, 2011.	9	3	6	217	195	12.10
10.1007/s00291-011-0279-7 (bib)	journal-article	Inês Marques, M. Eugénia Captivo, Margarida Vaz Pato. An integer programming approach to elective surgery scheduling. OR Spectrum, 2011.	10	0	10	32	102	12.10
10.1007/s00170-011-3454-8 (bib)	journal-article	Emrah B. Edis, Irem Ozkarahan. Solution approaches for a real-life resource-constrained parallel machine scheduling problem. The International Journal of Advanced Manufacturing Technology, 2011.	8	8	0	45	30	12.10
10.1016/j.compchemeng.2009.06.007 (bib)	journal-article	Christos T. Maravelias, Charles Sung. Integration of production planning and scheduling: Overview, challenges and opportunities. Computers & Chemical Engineering, 2009.	10	8	2	106	273	11.90
10.1016/s0377-2217(97)00335-4 (bib)	journal-article	Peter Brucker, Sigrid Knust, Arno Schoo, Olaf Thiele. A branch and bound algorithm for the resource-constrained project scheduling problem. European Journal of Operational Research, 1998.	10	0	10	25	193	11.80
10.1016/j.ejor.2006.12.050 (bib)	journal-article	Rasmus V. Rasmussen. Scheduling a triple round robin tournament for the best Danish soccer league. European Journal of Operational Research, 2008.	10	4	6	16	48	11.80

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/j.ejor.2006.06.078 (bib)	journal-article	Ruslan Sadykov. A branch-and-check algorithm for minimizing the weighted number of late jobs on a single machine with release dates. European Journal of Operational Research, 2008.	9	5	4	28	18	11.80
10.1016/s0167-5060(08)70743-x (bib)	book-chapter	J.K. Lenstra, A.H.G. Rinnooy Kan, P. Brucker. Complexity of Machine Scheduling Problems. Studies in Integer Programming, 1977.	12	0	12	51	1358	11.70
10.1016/j.ejor.2017.01.002 (bib)	journal-article	Luis Fanjul-Peyro, Federico Perea, Rubén Ruiz. Models and matheuristics for the unrelated parallel machine scheduling problem with additional resources. European Journal of Operational Research, 2017.	7	2	5	34	107	11.70
10.1111/poms.12584 (bib)	journal-article	Burcu Caglar Gencosman, Mehmet A. Begen, Huseyin Cenk Ozmutlu, Imren Ozturk Yilmaz. Scheduling Methods for Efficient Stamping Operations at an Automotive Company. Production and Operations Management, 2016.	9	7	2	35	9	11.60
10.1287/mnsc.41.10.1693 (bib)	journal-article	Rainer Kolisch, Arno Sprecher, Andreas Drexl. Characterization and Generation of a General Class of Resource-Constrained Project Scheduling Problems. Management Science, 1995.	10	0	10	0	436	11.50
10.1016/j.compchemeng.2015.03.020 (bib)	journal-article	C. Sel, B. Bilgen, J.M. Bloemhof-Ruwaard, J.G.A.J. van der Vorst. Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain. Computers & Chemical Engineering, 2015.	9	8	1	50	54	11.50
10.1016/j.cor.2015.06.002 (bib)	journal-article	Pedro M. Castro, Inês Marques. Operating room scheduling with Generalized Disjunctive Programming. Computers & Operations Research, 2015.	9	2	7	34	31	11.50
10.1016/j.apm.2012.03.020 (bib)	journal-article	Yunus Demir, S. Kürşat İşleyen. Evaluation of mathematical models for flexible job-shop scheduling problems. Applied Mathematical Modelling, 2013.	8	0	8	37	136	11.30
10.1016/j.ejor.2013.02.042 (bib)	journal-article	Emrah B. Edis, Ceyda Oguz, Irem Ozkarahan. Parallel machine scheduling with additional resources: Notation, classification, models and solution methods. European Journal of Operational Research, 2013.	7	2	5	64	115	11.30
10.1016/s0377-2217(02)00763-4 (bib)	journal-article	J. Carlier, E. Néron. On linear lower bounds for the resource constrained project scheduling problem. European Journal of Operational Research, 2003.	9	3	6	27	34	11.30
10.1016/j.ejor.2022.05.033 (bib)	journal-article	Yantong Li, Jean-François Côté, Leandro C. Coelho, Chuang Zhang, Shuai Zhang. Order assignment and scheduling under processing and distribution time uncertainty. European Journal of Operational Research, 2023.	7	7	0	54	6	11.30
10.1080/23302674.2023.2221072 (bib)	journal-article	Pinar Yunusoglu, Seyda Topaloglu Yildiz. Solving the flexible job shop scheduling and lot streaming problem with setup and transport resource constraints. International Journal of Systems Science: Operations & Logistics, 2023.	6	6	0	66	2	11.30
10.1287/opre.40.1.113 (bib)	journal-article	Peter J. M. van Laarhoven, Emile H. L. Aarts, Jan Karel Lenstra. Job Shop Scheduling by Simulated Annealing. Operations Research, 1992.	10	0	10	0	742	11.20
10.1287/ijoc.2020.1015 (bib)	journal-article	Hassan Zohali, Bahman Naderi, Vahid Roshanaei. Solving the Type-2 Assembly Line Balancing with Setups Using Logic-Based Benders Decomposition. INFORMS Journal on Computing, 2022.	9	8	1	53	12	11.20
10.1016/j.cor.2021.105332 (bib)	journal-article	Mohamed Frihat, Atidel B.Hadj-Alouane, Chérif Sadfi. Optimization of the integrated problem of employee timetabling and job shop scheduling. Computers & Operations Research, 2022.	7	7	0	86	6	11.20
10.1016/j.trb.2022.06.004 (bib)	journal-article	Zhen Cao, Wenyuan Wang, Ying Jiang, Xinglu Xu, Yunzhuo Xu, Zijian Guo. Joint berth allocation and ship loader scheduling under the rotary loading mode in coal export terminals. Transportation Research Part B: Methodological, 2022.	8	8	0	65	5	11.20
10.1007/s43069-022-00134-y (bib)	journal-article	Sean Harris, David Claudio. Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review. Operations Research Forum, 2022.	8	7	1	264	4	11.20
10.1287/ijoc.1100.0396 (bib)	journal-article	Sakine Batun, Brian T. Denton, Todd R. Huschka, Andrew J. Schaefer. Operating Room Pooling and Parallel Surgery Processing Under Uncertainty. INFORMS Journal on Computing, 2011.	10	0	10	45	159	11.10
10.1016/j.ejor.2021.03.026 (bib)	journal-article	Mohammad Mahdi Ahmadian, Mostafa Khatami, Amir Salehipour, T.C.E. Cheng. Four decades of research on the open-shop scheduling problem to minimize the makespan. European Journal of Operational Research, 2021.	8	4	4	299	43	11.10
10.1007/s00500-021-05921-z (bib)	journal-article	Mehmet Pınarbaşı. New chance-constrained models for U-type stochastic assembly line balancing problem. Soft Computing, 2021.	9	8	1	42	10	11.10
10.1007/s10729-010-9143-6 (bib)	journal-article	Francesca Guerriero, Rosita Guido. Operational research in the management of the operating theatre: a survey. Health Care Management Science, 2010.	10	0	10	129	347	11.00

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1007/s11831-020-09432-2 (bib)	journal-article	Iman Rahimi, Amir H. Gandomi. A Comprehensive Review and Analysis of Operating Room and Surgery Scheduling. Archives of Computational Methods in Engineering, 2020.	8	7	1	182	35	11.00
10.1007/s10845-020-01537-6 (bib)	journal-article	Andy Ham. Transfer-robot task scheduling in flexible job shop. Journal of Intelligent Manufacturing, 2020.	6	4	2	33	34	11.00
10.1080/08839514.2020.1731782 (bib)	journal-article	Hacı Mehmet Alakaş, Bilal Toklu. Problem Specific Variable Selection Rules for Constraint Programming: A Type II Mixed Model Assembly Line Balancing Problem Case. Applied Artificial Intelligence, 2020.	8	4	4	49	12	11.00
10.1016/j.omega.2018.08.006 (bib)	journal-article	Forough Enayaty-Ahangar, Chase E. Rainwater, Thomas C. Sharkey. A Logic-based Decomposition Approach for Multi-Period Network Interdiction Models. Omega, 2019.	9	5	4	27	14	10.90
10.1287/opre.46.3.316 (bib)	journal-article	Cynthia Barnhart, Ellis L. Johnson, George L. Nemhauser, Martin W. P. Savelsbergh, Pamela H. Vance. Branch-and-Price: Column Generation for Solving Huge Integer Programs. Operations Research, 1998.	11	0	11	44	1347	10.80
10.1016/j.ejor.2006.06.060 (bib)	journal-article	Ali Allahverdi, C.T. Ng, T.C.E. Cheng, Mikhail Y. Kovalyov. A survey of scheduling problems with setup times or costs. European Journal of Operational Research, 2008.	9	0	9	310	946	10.80
10.1007/s10766-007-0032-7 (bib)	journal-article	Martino Ruggiero, Alessio Guerri, Davide Bertozzi, Michela Milano, Luca Benini. A Fast and Accurate Technique for Mapping Parallel Applications on Stream-Oriented MPSoC Platforms with Communication Awareness. International Journal of Parallel Programming, 2007.	10	6	4	37	27	10.70
10.1080/00207543.2016.1177236 (bib)	journal-article	Mehmet Pınarbaşı, Mustafa Yüzükırmızı, Bilal Toklu. Variability modelling and balancing of stochastic assembly lines. International Journal of Production Research, 2016.	9	3	6	52	21	10.60
10.1007/11889205 23 (bib)	book-chapter	Michele Lombardi, Michela Milano. Stochastic Allocation and Scheduling for Conditional Task Graphs in MPSoCs. Principles and Practice of Constraint Programming - CP 2006, 2006.	8	5	3	21	9	10.60
10.2139/ssrn.912231 (bib)	journal-article	Ruslan Sadykov. A Branch-and-Check Algorithm for Minimizing the Sum of the Weights of the Late Jobs on a Single Machine with Release Dates. SSRN Electronic Journal, 2005.	8	8	0	27	0	10.50
10.1016/0166-218x(94)90204-6 (bib)	journal-article	Peter Brucker, Bernd Jurisch, Bernd Sievers. A branch and bound algorithm for the job-shop scheduling problem. Discrete Applied Mathematics, 1994.	9	0	9	17	296	10.40
10.1007/978-3-540-30201-8 36 (bib)	book-chapter	Gilles Pesant. A Regular Language Membership Constraint for Finite Sequences of Variables. Principles and Practice of Constraint Programming – CP 2004, 2004.	10	0	10	15	132	10.40
10.1007/978-3-540-30201-8 47 (bib)	book-chapter	Paul Shaw. A Constraint for Bin Packing. Principles and Practice of Constraint Programming – CP 2004, 2004.	10	0	10	17	52	10.40
10.1146/annurev-chembioeng-060713-035859 (bib)	journal-article	Sara Velez, Christos T. Maravelias. Advances in Mixed-Integer Programming Methods for Chemical Production Scheduling. Annual Review of Chemical and Biomolecular Engineering, 2014.	8	7	1	121	30	10.40
10.1016/j.sorms.2014.09.001 (bib)	journal-article	Daria Terekhov, Douglas G. Down, J. Christopher Beck. Queueing-theoretic approaches for dynamic scheduling: A survey. Surveys in Operations Research and Management Science, 2014.	8	8	0	279	6	10.40
10.1007/978-3-319-05443-8 27 (bib)	book-chapter	Haitao Li. Benders Decomposition Approach for Project Scheduling with Multi-Purpose Resources. Handbook on Project Management and Scheduling Vol.1, 2014.	7	7	0	32	3	10.40
10.1007/bf02023073 (bib)	journal-article	Paolo Brandimarte. Routing and scheduling in a flexible job shop by tabu search. Annals of Operations Research, 1993.	9	0	9	45	734	10.30
10.1007/bf02023076 (bib)	journal-article	Mauro Dell'Amico, Marco Trubian. Applying tabu search to the job-shop scheduling problem. Annals of Operations Research, 1993.	9	0	9	19	383	10.30
10.1007/978-3-642-35852-4 1 (bib)	book-chapter	Juan M. Novas, Jan Van Belle, Bart Saint Germain, Paul Valckenaers. A Collaborative Framework between a Scheduling System and a Holonic Manufacturing Execution System. Service Orientation in Holonic and Multi Agent Manufacturing and Robotics, 2013.	8	8	0	33	12	10.30
10.1007/s10951-013-0354-9 (bib)	journal-article	Mohamed Haouari, Anis Kooli, Emmanuel Néron, Jacques Carlier. A preemptive bound for the Resource Constrained Project Scheduling Problem. Journal of Scheduling, 2013.	7	6	1	27	7	10.30
10.1080/00207543.2023.2245918 (bib)	journal-article	David Tremblet, Simon Thevenin, Alexandre Dolgui. Makespan estimation in a flexible job-shop scheduling environment using machine learning. International Journal of Production Research, 2023.	5	5	0	48	3	10.30
10.1287/mnsc.38.10.1495 (bib)	journal-article	Robert H. Storer, S. David Wu, Renzo Vaccari. New Search Spaces for Sequencing Problems with Application to Job Shop Scheduling. Management Science, 1992.	9	0	9	0	365	10.20
10.1016/j.ejor.2021.06.012 (bib)	journal-article	John W. Fowler, Lars Mönch. A survey of scheduling with parallel batch (p-batch) processing. European Journal of Operational Research, 2022.	7	6	1	309	61	10.20

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/j.jmsy.2022.04.018 (bib)	journal-article	Behdin Vahedi-Nouri, Reza Tavakkoli-Moghaddam, Zdeněk Hanzálek, Alexandre Dolgui. Workforce planning and production scheduling in a reconfigurable manufacturing system facing the COVID-19 pandemic. Journal of Manufacturing Systems, 2022.	7	5	2	49	15	10.20
10.1016/j.procs.2022.01.366 (bib)	journal-article	Philipp Winklehner, Viktoria A. Hauder. Flexible job-shop scheduling with release dates, deadlines and sequence dependent setup times: a real-world case. Procedia Computer Science, 2022.	6	6	0	34	4	10.20
10.1016/j.eswa.2022.117292 (bib)	journal-article	S. Fateme Attar, Mohammad Mohammadi, Seyed Hamid Reza Pasandideh, Bahman Naderi. Formulation and exact algorithms for electric vehicle production routing problem. Expert Systems with Applications, 2022.	8	8	0	87	4	10.20
10.1145/378239.379017 (bib)	proceedings-article	Matthew W. Moskewicz, Conor F. Madigan, Ying Zhao, Lintao Zhang, Sharad Malik. Chaff. Proceedings of the 38th conference on Design automation - DAC '01, 2001.	10	0	10	0	1245	10.10
10.1016/s0098-1354(01)00729-3 (bib)	journal-article	Iiro Harjunkoski, Ignacio E. Grossmann. A decomposition approach for the scheduling of a steel plant production. Computers & Chemical Engineering, 2001.	9	1	8	23	164	10.10
10.1002/nav.20482 (bib)	journal-article	Michael A. Trick, Hakan Yildiz. Benders' cuts guided large neighborhood search for the traveling umpire problem. Naval Research Logistics (NRL), 2011.	9	7	2	26	14	10.10
10.1016/j.cie.2021.107542 (bib)	journal-article	Vincent Boyer, Jobish Vallikavungal, Xavier Cantú Rodríguez, M. Angélica Salazar-Aguilar. The generalized flexible job shop scheduling problem. Computers & Industrial Engineering, 2021.	6	6	0	59	12	10.10
10.1007/978-3-642-23786-7 8 (bib)	book-chapter	Andreas Schutt, Peter J. Stuckey, Andrew R. Verden. Optimal Carpet Cutting. Principles and Practice of Constraint Programming – CP 2011, 2011.	9	5	4	22	11	10.10
10.1007/s40747-021-00601-9 (bib)	journal-article	Xiao Wu, Peng Guo, Yi Wang, Yakun Wang. Decomposition approaches for parallel machine scheduling of step-deteriorating jobs to minimize total tardiness and energy consumption. Complex & Intelligent Systems, 2021.	5	5	0	58	1	10.10
10.1287/opre.1090.0791 (bib)	journal-article	Brian T. Denton, Andrew J. Miller, Hari J. Balasubramanian, Todd R. Huschka. Optimal Allocation of Surgery Blocks to Operating Rooms Under Uncertainty. Operations Research, 2010.	9	0	9	36	256	10.00
10.1016/j.cie.2009.01.005 (bib)	journal-article	B. Roland, C. Di Martinelly, F. Riane, Y. Pochet. Scheduling an operating theatre under human resource constraints. Computers & Industrial Engineering, 2010.	7	0	7	19	107	10.00
10.1007/978-981-15-1918-5 7 (bib)	book-chapter	Erich C. Teppan, Giacomo Da Col. Genetic Algorithms for Creating Large Job Shop Dispatching Rules. Advances in Integrations of Intelligent Methods, 2020.	7	7	0	34	1	10.00
10.1007/978-3-030-19212-9 9 (bib)	book-chapter	Kyle E. C. Booth, J. Christopher Beck. A Constraint Programming Approach to Electric Vehicle Routing with Time Windows. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 2019.	7	6	1	31	8	9.90
10.1287/mnsc.44.2.262 (bib)	journal-article	Egon Balas, Alkis Vazacopoulos. Guided Local Search with Shifting Bottleneck for Job Shop Scheduling. Management Science, 1998.	8	0	8	27	253	9.80
10.1016/j.cor.2006.02.024 (bib)	journal-article	Chao Yong Zhang, PeiGen Li, YunQing Rao, ZaiLin Guan. A very fast TS/SA algorithm for the job shop scheduling problem. Computers & Operations Research, 2008.	7	2	5	33	174	9.80
10.1007/s10878-018-0322-6 (bib)	journal-article	Shuwan Zhu, Wenjuan Fan, Shanlin Yang, Jun Pei, Panos M. Pardalos. Operating room planning and surgical case scheduling: a review of literature. Journal of Combinatorial Optimization, 2018.	7	5	2	236	119	9.80
10.1016/j.compchemeng.2007.03.019 (bib)	journal-article	Stacy L. Janak, Christodoulos A. Floudas. Improving unit-specific event based continuous-time approaches for batch processes: Integrality gap and task splitting. Computers & Chemical Engineering, 2008.	8	7	1	65	71	9.80
10.1145/1452044.1452046 (bib)	journal-article	Christian Schulte, Peter J. Stuckey. Efficient constraint propagation engines. ACM Transactions on Programming Languages and Systems, 2008.	8	1	7	40	70	9.80
10.1016/j.ejor.2018.05.056 (bib)	journal-article	Krzysztof Fleszar, Khalil S. Hindi. Algorithms for the unrelated parallel machine scheduling problem with a resource constraint. European Journal of Operational Research, 2018.	5	1	4	20	44	9.80
10.1016/j.cor.2017.11.011 (bib)	journal-article	Hossein Hojabri, Michel Gendreau, Jean-Yves Potvin, Louis-Martin Rousseau. Large neighborhood search with constraint programming for a vehicle routing problem with synchronization constraints. Computers & Operations Research, 2018.	7	0	7	22	42	9.80
10.1016/j.compchemeng.2018.03.004 (bib)	journal-article	Miten Mistry, Andrea Callia D'Iddio, Michael Huth, Ruth Misener. Satisfiability modulo theories for process systems engineering. Computers & Chemical Engineering, 2018.	8	7	1	94	11	9.80
10.1145/41625.41635 (bib)	proceedings-article	J. Jaffar, J.-L. Lassez. Constraint logic programming. Proceedings of the 14th ACM SIGACT-SIGPLAN symposium on Principles of programming languages - POPL '87, 1987.	10	0	10	0	712	9.70

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1287/ijoc.1060.0181 (bib)	journal-article	David Pisinger, Mikkel Sigurd. Using Decomposition Techniques and Constraint Programming for Solving the Two-Dimensional Bin-Packing Problem. INFORMS Journal on Computing, 2007.	8	2	6	36	126	9.70
10.1021/ie061569x (bib)	journal-article	Prakash R. Kotecha, Mani Bhushan, Ravindra D. Gudi. Constraint Programming Based Robust Sensor Network Design. Industrial & Engineering Chemistry Research, 2007.	8	8	0	39	14	9.70
10.1016/j.apm.2016.01.006 (bib)	journal-article	Selin Özpeynirci, Burak Gökgür, Brahim Hnich. Parallel machine scheduling with tool loading. Applied Mathematical Modelling, 2016.	6	4	2	30	30	9.60
10.1007/978-3-319-44953-1 35 (bib)	book-chapter	Stefano Di Alesio. Optimal Performance Tuning in Real-Time Systems Using Multi-objective Constrained Optimization. Lecture Notes in Computer Science, 2016.	8	8	0	43	2	9.60
10.1016/j.ejor.2004.04.002 (bib)	journal-article	Willy Herroelen, Roel Leus. Project scheduling under uncertainty: Survey and research potentials. European Journal of Operational Research, 2005.	8	2	6	92	631	9.50
10.1111/itor.12199 (bib)	journal-article	Imran Ali Chaudhry, Abid Ali Khan. A research survey: review of flexible job shop scheduling techniques. International Transactions in Operational Research, 2015.	6	0	6	212	285	9.50
10.1016/j.ejor.2015.04.008 (bib)	journal-article	Thiago A.O. Silva, Mauricio C. de Souza, Rodney R. Saldanha, Edmund K. Burke. Surgical scheduling with simultaneous employment of specialised human resources. European Journal of Operational Research, 2015.	6	1	5	35	37	9.50
10.1007/bf01719451 (bib)	journal-article	Johann Hurink, Bernd Jurisch, Monika Thole. Tabu search for the job-shop scheduling problem with multi-purpose machines. OR Spektrum, 1994.	7	0	7	24	300	9.40
10.1016/j.dam.2003.09.009 (bib)	journal-article	Jacques Carlier, Eric Pinson. Jackson's pseudo-preemptive schedule and cumulative scheduling problems. Discrete Applied Mathematics, 2004.	8	1	7	25	16	9.40
10.1016/j.ejor.2023.05.017 (bib)	journal-article	Stéphane Dauzère-Pérès, Junwen Ding, Liji Shen, Karim Tamssaouet. The flexible job shop scheduling problem: A review. European Journal of Operational Research, 2024.	5	5	0	220	8	9.40
10.1016/j.ejor.2012.11.029 (bib)	journal-article	Jorne Van den Bergh, Jeroen Beliën, Philippe De Bruecker, Erik Demeulemeester, Liesje De Boeck. Personnel scheduling: A literature review. European Journal of Operational Research, 2013.	7	0	7	306	527	9.30
10.1016/j.cor.2022.106136 (bib)	journal-article	Roberto Bargetto, Thierry Garaix, Xiaolan Xie. A branch-and-price-and-cut algorithm for operating room scheduling under human resource constraints. Computers & Operations Research, 2023.	5	4	1	35	8	9.30
10.1007/s43069-023-00242-3 (bib)	journal-article	Aigerim Saken, Emil Karlsson, Stephen J. Maher, Elina Rönnberg. Computational Evaluation of Cut-Strengthening Techniques in Logic-Based Benders' Decomposition. Operations Research Forum, 2023.	7	7	0	23	1	9.30
10.1287/ijoc.2023.1280 (bib)	journal-article	Maryam Daryalal, Hamed Pouya, Marc Antoine DeSantis. Network Migration Problem: A Hybrid Logic-Based Benders Decomposition Approach. INFORMS Journal on Computing, 2023.	7	7	0	29	0	9.30
10.1007/s12008-023-01414-5 (bib)	journal-article	Majid Esmaelian, Milad Mohammadi, Hadi Shahmoradi. New formulation for scheduling flexible flow shop problems. International Journal on Interactive Design and Manufacturing (IJIDeM), 2023.	6	6	0	67	0	9.30
10.1016/s0377-2217(01)00338-1 (bib)	journal-article	Alessandro Mascis, Dario Pacciarelli. Job-shop scheduling with blocking and no-wait constraints. European Journal of Operational Research, 2002.	7	0	7	40	323	9.20
10.1016/0004-3702(92)90006-j (bib)	journal-article	Pascal Van Hentenryck, Helmut Simonis, Mehmet Dincbas. Constraint satisfaction using constraint logic programming. Artificial Intelligence, 1992.	8	1	7	79	97	9.20
10.1016/j.cor.2022.105731 (bib)	journal-article	Hegen Xiong, Shuangyuan Shi, Danni Ren, Jinjin Hu. A survey of job shop scheduling problem: The types and models. Computers & Operations Research, 2022.	5	3	2	345	70	9.20
10.1016/j.ejor.2021.06.017 (bib)	journal-article	Zhe Zhang, Xiaoling Song, Huijung Huang, Xiaoyang Zhou, Yong Yin. Logic-based Benders decomposition method for the seru scheduling problem with sequence-dependent setup time and DeJong's learning effect. European Journal of Operational Research, 2022.	6	5	1	70	38	9.20
10.1016/j.asoc.2021.108233 (bib)	journal-article	M. Lotfi, J. Behnamian. Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search. Applied Soft Computing, 2022.	6	5	1	49	8	9.20
10.1002/jos.91 (bib)	journal-article	J. Christopher Beck. Heuristics for scheduling with inventory: dynamic focus via constraint criticality. Journal of Scheduling, 2002.	8	6	2	31	8	9.20
10.1111/itor.13108 (bib)	journal-article	Carlos R. H. Márquez, Celso C. Ribeiro. Shop scheduling in manufacturing environments: a review. International Transactions in Operational Research, 2022.	6	6	0	425	8	9.20
10.1016/j.cie.2022.108760 (bib)	journal-article	Christian Klanke, Sebastian Engell. Scheduling and batching with evolutionary algorithms in simulation–optimization of an industrial formulation plant. Computers & Industrial Engineering, 2022.	6	6	0	62	6	9.20

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/j.cor.2022.105916 (bib)	journal-article	Emil Karlsson, Elina Rönnberg. Logic-based Benders decomposition with a partial assignment acceleration technique for avionics scheduling. Computers & Operations Research, 2022.	6	6	0	42	5	9.20
10.1016/j.swevo.2022.101149 (bib)	journal-article	Levi Ribeiro de Abreu, Bruno de Athayde Prata, Allan Costa Gomes, Stéphanie Alencar Braga-Santos, Marcelo Seido Nagano. A novel BRKGA for the customer order scheduling with missing operations to minimize total tardiness. Swarm and Evolutionary Computation, 2022.	5	5	0	62	2	9.20
10.1007/s10951-022-00750-w (bib)	journal-article	Roland Braune. Packing-based branch-and-bound for discrete malleable task scheduling. Journal of Scheduling, 2022.	5	5	0	40	2	9.20
10.1016/j.ejor.2011.01.011 (bib)	journal-article	Eva Vallada, Rubén Ruiz. A genetic algorithm for the unrelated parallel machine scheduling problem with sequence dependent setup times. European Journal of Operational Research, 2011.	6	0	6	32	276	9.10
10.1109/access.2021.3057366 (bib)	journal-article	Md. Asadujjaman, Humyun Fuad Rahman, Ripon K. Chakrabortty, Michael J. Ryan. An Immune Genetic Algorithm for Solving NPV-Based Resource Constrained Project Scheduling Problem. IEEE Access, 2021.	5	5	0	100	23	9.10
10.1016/j.ejor.2019.07.056 (bib)	journal-article	Guilherme Henrique Ismael de Azevedo, Artur Alves Pessoa, Anand Subramanian. A satisfiability and workload-based exact method for the resource constrained project scheduling problem with generalized precedence constraints. European Journal of Operational Research, 2021.	5	4	1	27	8	9.10
10.1007/s13218-011-0161-4 (bib)	journal-article	Armin Wolf. firstCS—New Aspects on Combining Constraint Programming with Object-Orientation in Java. KI - Künstliche Intelligenz, 2011.	7	6	1	19	2	9.10
10.1016/j.ejor.2009.09.024 (bib)	journal-article	Rubén Ruiz, José Antonio Vázquez-Rodríguez. The hybrid flow shop scheduling problem. European Journal of Operational Research, 2010.	7	0	7	225	573	9.00
10.1016/s0377-2217(99)00485-3 (bib)	journal-article	Sönke Hartmann, Rainer Kolisch. Experimental evaluation of state-of-the-art heuristics for the resource-constrained project scheduling problem. European Journal of Operational Research, 2000.	7	0	7	39	334	9.00
10.1145/79204.79210 (bib)	journal-article	Alain Colmerauer. An introduction to Prolog III. Communications of the ACM, 1990.	10	0	10	25	292	9.00
10.1017/s0269888900001089 (bib)	journal-article	DAVID E. SMITH, JEREMY FRANK, ARI K. JÓNSSON. Bridging the gap between planning and scheduling. The Knowledge Engineering Review, 2000.	8	0	8	0	91	9.00
10.1016/j.ejor.2019.07.023 (bib)	journal-article	David Van Bulck, Dries Goossens, Jörn Schönberger, Mario Guajardo. RobinX: A three-field classification and unified data format for round-robin sports timetabling. European Journal of Operational Research, 2020.	7	6	1	97	41	9.00
10.1016/j.cie.2020.106777 (bib)	journal-article	Miquel Bofill, Jordi Coll, Josep Suy, Mateu Villaret. SMT encodings for Resource-Constrained Project Scheduling Problems. Computers & Industrial Engineering, 2020.	5	3	2	62	8	9.00
10.1007/bf01721162 (bib)	journal-article	R. Haupt. A survey of priority rule-based scheduling. OR Spektrum, 1989.	9	0	9	137	347	8.90
10.1016/j.cor.2008.08.013 (bib)	journal-article	Christian Artigues, Michel Gendreau, Louis-Martin Rousseau, Adrien Vergnaud. Solving an integrated employee timetabling and job-shop scheduling problem via hybrid branch-and-bound. Computers & Operations Research, 2009.	6	3	3	30	39	8.90
10.1007/978-3-642-04244-7 28 (bib)	book-chapter	Mohammad M. Fazel-Zarandi, J. Christopher Beck. Solving a Location-Allocation Problem with Logic-Based Benders' Decomposition. Principles and Practice of Constraint Programming - CP 2009, 2009.	8	2	6	7	14	8.90
10.1080/00207543.2019.1579934 (bib)	journal-article	Hamid Safarzadeh, Farhad Kianfar. Job shop scheduling with the option of jobs outsourcing. International Journal of Production Research, 2019.	5	4	1	40	13	8.90
10.1145/3332373 (bib)	journal-article	Roberto Castañeda Lozano, Mats Carlsson, Gabriel Hjort Blindell, Christian Schulte. Combinatorial Register Allocation and Instruction Scheduling. ACM Transactions on Programming Languages and Systems, 2019.	6	6	0	100	13	8.90
10.1145/3200920 (bib)	journal-article	Roberto Castañeda Lozano, Christian Schulte. Survey on Combinatorial Register Allocation and Instruction Scheduling. ACM Computing Surveys, 2019.	6	6	0	154	7	8.90
10.1007/s10479-008-0413-3 (bib)	journal-article	H. Fei, C. Chu, N. Meskens. Solving a tactical operating room planning problem by a column-generation-based heuristic procedure with four criteria. Annals of Operations Research, 2008.	8	0	8	19	103	8.80
10.1080/00207543.2018.1501166 (bib)	journal-article	Leilei Meng, Chaoyong Zhang, Xinyu Shao, Yaping Ren, Caile Ren. Mathematical modelling and optimisation of energy-conscious hybrid flow shop scheduling problem with unrelated parallel machines. International Journal of Production Research, 2018.	5	0	5	54	101	8.80

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1080/00207543.2018.1476786 (bib)	journal-article	Bahman Naderi, Ahmed Azab, Katayoun Borooshan. A realistic multi-manned five-sided mixed-model assembly line balancing and scheduling problem with moving workers and limited workspace. International Journal of Production Research, 2018.	6	2	4	54	33	8.80
10.1016/j.cie.2018.09.030 (bib)	journal-article	Mehdi A. Kamran, Behrooz Karimi, Nico Dellaert. Uncertainty in advance scheduling problem in operating room planning. Computers & Industrial Engineering, 2018.	6	3	3	50	32	8.80
10.1007/978-3-540-85958-1 4 (bib)	book-chapter	Helmut Simonis, Barry O'Sullivan. Search Strategies for Rectangle Packing. Lecture Notes in Computer Science, 2008.	8	4	4	16	24	8.80
10.1016/j.cor.2018.03.008 (bib)	journal-article	Martin Riedler, Günther Raidl. Solving a selective dial-a-ride problem with logic-based Benders decomposition. Computers & Operations Research, 2018.	7	3	4	45	23	8.80
10.1016/j.cor.2017.09.017 (bib)	journal-article	Yuichi Nagata, Isao Ono. A guided local search with iterative ejections of bottleneck operations for the job shop scheduling problem. Computers & Operations Research, 2018.	5	5	0	25	17	8.80
10.1007/978-3-319-93031-2 40 (bib)	book-chapter	Charles Thomas, Pierre Schaus. Revisiting the Self-adaptive Large Neighborhood Search. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 2018.	7	7	0	34	4	8.80
10.1007/978-3-319-93031-2 28 (bib)	book-chapter	Philippe Laborie. Objective Landscapes for Constraint Programming. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 2018.	6	4	2	14	2	8.80
10.1109/ssci.2018.8628827 (bib)	proceedings-article	Erich C. Teppan. Dispatching Rules Revisited-A Large Scale Job Shop Scheduling Experiment. 2018 IEEE Symposium Series on Computational Intelligence (SSCI), 2018.	5	5	0	29	1	8.80
10.1016/b978-0-12-409547-2.14341-0 (bib)	book-chapter	Christos T. Maravelias. Chemical Production Scheduling. Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, 2018.	6	6	0	104	1	8.80
10.1287/mnsc.43.11.1485 (bib)	journal-article	Erik L. Demeulemeester, Willy S. Herroelen. New Benchmark Results for the Resource-Constrained Project Scheduling Problem. Management Science, 1997.	7	0	7	0	161	8.70
10.1007/s10729-007-9019-6 (bib)	journal-article	Pablo Santibáñez, Mehmet Begen, Derek Atkins. Surgical block scheduling in a system of hospitals: an application to resource and wait list management in a British Columbia health authority. Health Care Management Science, 2007.	6	0	6	15	114	8.70
10.1016/s0166-218x(96)00116-3 (bib)	journal-article	Peter Brucker, Johann Hurink, Bernd Jurisch, Birgit Wöstmann. A branch amp; bound algorithm for the open-shop problem. Discrete Applied Mathematics, 1997.	9	0	9	16	103	8.70
10.1016/j.orl.2017.02.001 (bib)	journal-article	Christian Artigues. On the strength of time-indexed formulations for the resource-constrained project scheduling problem. Operations Research Letters, 2017.	5	0	5	22	38	8.70
10.3390/pr5040069 (bib)	journal-article	Dhruv Gupta, Christos Maravelias. A General State-Space Formulation for Online Scheduling. Processes, 2017.	6	6	0	83	25	8.70
10.1109/access.2017.2696118 (bib)	journal-article	Lotfi Hidri, Anis Gharbi. New efficient lower bound for the Hybrid Flow Shop Scheduling Problem with Multiprocessor Tasks. IEEE Access, 2017.	5	5	0	53	4	8.70
10.1007/978-3-319-66158-2 8 (bib)	book-chapter	Grigori German, Olivier Briant, Hadrien Cambazard, Vincent Jost. Arc Consistency via Linear Programming. Lecture Notes in Computer Science, 2017.	7	6	1	26	1	8.70
10.1007/978-3-319-26580-3 (bib)	book	Michael L. Pinedo. Scheduling. , 2016.	6	0	6	0	299	8.60
10.1016/0098-1354(95)00219-7 (bib)	journal-article	Metin Türkay, Ignacio E. Grossmann. Logic-based MINLP algorithms for the optimal synthesis of process networks. Computers & Chemical Engineering, 1996.	9	0	9	24	251	8.60
10.1007/s10951-016-0489-6 (bib)	journal-article	Michael Samudra, Carla Van Riet, Erik Demeulemeester, Brecht Cardoen, Nancy Vansteenkiste, Frank E. Rademakers. Scheduling operating rooms: achievements, challenges and pitfalls. Journal of Scheduling, 2016.	6	2	4	283	143	8.60
10.1016/j.cor.2004.09.025 (bib)	journal-article	F. Della Croce, D. Oliveri. Scheduling the Italian Football League: an ILP-based approach. Computers & Operations Research, 2006.	7	2	5	7	56	8.60
10.1016/j.cie.2016.06.002 (bib)	journal-article	Mahmoud Masoud, Erhan Kozan, Geoff Kent, Shi Qiang Liu. An integrated approach to optimise sugarcane rail operations. Computers & Industrial Engineering, 2016.	7	7	0	28	16	8.60
10.1145/2838733 (bib)	journal-article	Andreas Emeretlis, George Theodoridis, Panayiotis Alefragis, Nikolaos Voros. A Logic-Based Benders Decomposition Approach for Mapping Applications on Heterogeneous Multicore Platforms. ACM Transactions on Embedded Computing Systems, 2016.	7	6	1	38	15	8.60
10.1007/11754602 10 (bib)	book-chapter	S. Armagan Tarim, Ian Miguel. A Hybrid Benders' Decomposition Method for Solving Stochastic Constraint Programs with Linear Recourse. Lecture Notes in Computer Science, 2006.	8	5	3	17	9	8.60
10.1109/samos.2016.7818373 (bib)	proceedings-article	A. Emeretlis, G. Theodoridis, P. Alefragis, N. Voros. A hybrid approach for mapping and scheduling on heterogeneous multicore systems. 2016 International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation (SAMOS), 2016.	6	5	1	20	3	8.60

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1287/mnsc.41.1.94 (bib)	journal-article	Egon Balas, Jan Karel Lenstra, Alkis Vazacopoulos. The One-Machine Problem with Delayed Precedence Constraints and its Use in Job Shop Scheduling. Management Science, 1995.	6	0	6	0	109	8.50
10.1021/ie050730l (bib)	journal-article	Pedro M. Castro, Ignacio E. Grossmann. New Continuous-Time MILP Model for the Short-Term Scheduling of Multistage Batch Plants. Industrial & Engineering Chemistry Research, 2005.	7	3	4	19	81	8.50
10.1016/j.ejor.2015.01.032 (bib)	journal-article	Luping Zhang, T.N. Wong. An object-coding genetic algorithm for integrated process planning and scheduling. European Journal of Operational Research, 2015.	6	0	6	48	81	8.50
10.1016/j.cie.2015.02.006 (bib)	journal-article	Hironori Okubo, Toshiyuki Miyamoto, Satoshi Yoshida, Kazuyuki Mori, Shoichi Kitamura, Yoshio Izui. Project scheduling under partially renewable resources and resource consumption during setup operations. Computers & Industrial Engineering, 2015.	5	3	2	28	23	8.50
10.1016/j.ces.2015.05.021 (bib)	journal-article	Sara Velez, Andres F. Merchan, Christos T. Maravelias. On the solution of large-scale mixed integer programming scheduling models. Chemical Engineering Science, 2015.	6	6	0	76	20	8.50
10.1007/978-3-540-30201-8 41 (bib)	book-chapter	Philippe Refalo. Impact-Based Search Strategies for Constraint Programming. Principles and Practice of Constraint Programming – CP 2004, 2004.	7	0	7	15	120	8.40
10.1080/00207543.2014.980463 (bib)	journal-article	Pieter Leyman, Mario Vanhoucke. A new scheduling technique for the resource–constrained project scheduling problem with discounted cash flows. International Journal of Production Research, 2014.	5	3	2	30	38	8.40
10.1007/s11590-014-0761-7 (bib)	journal-article	Imen Hamdi, Taïcir Loukil. Upper and lower bounds for the permutation flowshop scheduling problem with minimal time lags. Optimization Letters, 2014.	6	6	0	20	11	8.40
10.1007/978-3-540-24664-0 24 (bib)	book-chapter	Quanshi Xia, Andrew Eremin, Mark Wallace. Problem Decomposition for Traffic Diversions. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2004.	8	4	4	9	8	8.40
10.1007/978-3-540-24662-6 12 (bib)	book-chapter	Armin Wolf. Reduce-To-The-Opt – A Specialized Search Algorithm for Contiguous Task Scheduling. Lecture Notes in Computer Science, 2004.	6	4	2	16	3	8.40
10.1016/s0925-5273(03)00087-2 (bib)	journal-article	Alain Guinet, Sondes Chaabane. Operating theatre planning. International Journal of Production Economics, 2003.	8	0	8	21	208	8.30
10.1007/978-3-540-24800-2 (bib)	book	Klaus Neumann, Christoph Schwindt, Jürgen Zimmermann. Project Scheduling with Time Windows and Scarce Resources. , 2003.	6	0	6	0	170	8.30
10.1016/s0377-2217(02)00136-4 (bib)	journal-article	Roland Heilmann. A branch-and-bound procedure for the multi-mode resource-constrained project scheduling problem with minimum and maximum time lags. European Journal of Operational Research, 2003.	6	0	6	26	85	8.30
10.1287/opre.2013.1221 (bib)	journal-article	Andre A. Cire, Willem-Jan van Hoeve. Multivalued Decision Diagrams for Sequencing Problems. Operations Research, 2013.	7	4	3	28	65	8.30
10.1080/00207543.2013.827806 (bib)	journal-article	V. Roshanaei, Ahmed Azab, H. ElMaraghy. Mathematical modelling and a meta-heuristic for flexible job shop scheduling. International Journal of Production Research, 2013.	5	0	5	38	62	8.30
10.1016/j.procs.2022.12.301 (bib)	journal-article	Manuel Schlenkrich, Sophie N. Parragh. Solving large scale industrial production scheduling problems with complex constraints: an overview of the state-of-the-art. Procedia Computer Science, 2023.	5	5	0	45	2	8.30
10.1109/codit.2013.6689654 (bib)	proceedings-article	Imen Hamdi, Taicir Loukil. Permutation flowshop problem with time lags scheduling by logic-based Benders decomposition. 2013 International Conference on Control, Decision and Information Technologies (CoDIT), 2013.	6	6	0	13	0	8.30
10.1109/tits.2022.3155072 (bib)	journal-article	Junayed Pasha, Zeinab Elmi, Sumit Purkayastha, Amir M. Fathollahi-Fard, Ying-En Ge, Yui-Yip Lau, Maxim A. Dulebenets. The Drone Scheduling Problem: A Systematic State-of-the-Art Review. IEEE Transactions on Intelligent Transportation Systems, 2022.	5	3	2	179	47	8.20
10.1016/j.cor.2011.04.006 (bib)	journal-article	T. Kis, A. Kovács. A cutting plane approach for integrated planning and scheduling. Computers & Operations Research, 2012.	6	6	0	28	17	8.20
10.1016/j.ejor.2022.02.043 (bib)	journal-article	Florin Leutwiler, Francesco Corman. A logic-based Benders decomposition for microscopic railway timetable planning. European Journal of Operational Research, 2022.	6	5	1	34	12	8.20
10.1016/j.ejor.2021.08.047 (bib)	journal-article	Burcu Caglar Gencosman, Mehmet A. Begen. Exact optimization and decomposition approaches for shelf space allocation. European Journal of Operational Research, 2022.	6	3	3	57	9	8.20
10.1016/j.cor.2022.105915 (bib)	journal-article	Damla Kizilay. A novel constraint programming and simulated annealing for disassembly line balancing problem with AND/OR precedence and sequence dependent setup times. Computers & Operations Research, 2022.	5	5	0	65	9	8.20

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/j.tre.2022.102949 (bib)	journal-article	Lingrui Kong, Mingjun Ji, Zhendi Gao. An exact algorithm for scheduling tandem quay crane operations in container terminals. Transportation Research Part E: Logistics and Transportation Review, 2022.	5	5	0	47	6	8.20
10.1109/access.2022.3229709 (bib)	journal-article	Aisha Tayyab, Ullah Saif. A Two-Stage Genetic Artificial Bee Colony Algorithm for Solving Integrated Operating Room Planning and Scheduling Problem With Capacity Constraints of Downstream Wards. IEEE Access, 2022.	5	4	1	70	5	8.20
10.1016/j.asoc.2021.108262 (bib)	journal-article	Yuxin Han, Xueli Yan, Xingsheng Gu. Novel hybrid discrete differential evolution algorithm for the multi-stage multi-purpose batch plant scheduling problem. Applied Soft Computing, 2022.	5	5	0	52	4	8.20
10.1016/j.cie.2022.108201 (bib)	journal-article	Gizem Çakır, Kemal Subulan, Seyda Topaloglu Yildiz, Alper Hamzadayı, Ceren Asılkefeli. 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. Computers & Industrial Engineering, 2022.	5	5	0	80	4	8.20
10.1080/00207543.2022.2139002 (bib)	journal-article	Maude Beauchemin, Marc-André Ménard, Jonathan Gaudreault, Nadia Lehoux, Stéphane Agnard, Claude-Guy Quimper. Dynamic allocation of human resources: case study in the metal 4.0 manufacturing industry. International Journal of Production Research, 2022.	5	5	0	49	2	8.20
10.1007/s10951-010-0222-9 (bib)	journal-article	Lars Mönch, John W. Fowler, Stéphane Dauzère-Pérès, Scott J. Mason, Oliver Rose. A survey of problems, solution techniques, and future challenges in scheduling semiconductor manufacturing operations. Journal of Scheduling, 2011.	6	0	6	120	297	8.10
10.1016/s0098-1354(01)00671-8 (bib)	journal-article	C.A. Méndez, G.P. Henning, J. Cerdá. An MILP continuous-time approach to short-term scheduling of resource-constrained multistage flowshop batch facilities. Computers & Chemical Engineering, 2001.	6	1	5	14	172	8.10
10.1016/j.cor.2010.08.012 (bib)	journal-article	Tatsushi Nishi, Yuichiro Hiranaka, Ignacio E. Grossmann. A bilevel decomposition algorithm for simultaneous production scheduling and conflict-free routing for automated guided vehicles. Computers & Operations Research, 2011.	6	5	1	26	89	8.10
10.1287/mnsc.47.8.1113.10226 (bib)	journal-article	Mario Vanhoucke, Erik Demeulemeester, Willy Herroelen. On Maximizing the Net Present Value of a Project Under Renewable Resource Constraints. Management Science, 2001.	7	0	7	20	77	8.10
10.1002/jos.73 (bib)	journal-article	Ulrich Dorndorf, Erwin Pesch, To n Phan-Huy. Solving the open shop scheduling problem. Journal of Scheduling, 2001.	7	1	6	29	54	8.10
10.1080/09537287.2010.543563 (bib)	journal-article	Kenn Steger-Jensen, Hans-Henrik Hvolby, Peter Nielsen, Izabela Nielsen. Advanced planning and scheduling technology. Production Planning & Control, 2011.	6	5	1	27	30	8.10
10.1021/ie200841a (bib)	journal-article	Pedro M. Castro, Adrián M. Aguirre, Luis J. Zeballos, Carlos A. Méndez. Hybrid Mathematical Programming Discrete-Event Simulation Approach for Large-Scale Scheduling Problems. Industrial & Engineering Chemistry Research, 2011.	6	6	0	45	27	8.10
10.1007/s10696-011-9092-5 (bib)	journal-article	Mahmoud Masoud, Erhan Kozan, Geoff Kent. A job-shop scheduling approach for optimising sugarcane rail operations. Flexible Services and Manufacturing Journal, 2011.	5	5	0	31	15	8.10
10.22331/q-2021-09-28-550 (bib)	journal-article	Kyle E. C. Booth, Bryan O'Gorman, Jeffrey Marshall, Stuart Hadfield, Eleanor Rieffel. Quantum-accelerated constraint programming. Quantum, 2021.	5	5	0	83	8	8.10
10.1287/ijoc.2020.1036 (bib)	journal-article	Cheng Guo, Merve Bodur, Dionne M. Aleman, David R. Urbach. Logic-Based Benders Decomposition and Binary Decision Diagram Based Approaches for Stochastic Distributed Operating Room Scheduling. INFORMS Journal on Computing, 2021.	5	5	0	43	4	8.10
10.3390/math9151730 (bib)	journal-article	Mohammad Reza Komari Alaei, Mehmet Soysal, Atabak Elmi, Audrius Banaitis, Nerija Banaitiene, Reza Rostamzadeh, Shima Javanmard. A Bender's Algorithm of Decomposition Used for the Parallel Machine Problem of Robotic Cell. Mathematics, 2021.	5	5	0	41	3	8.10
10.1007/978-3-030-78230-6 3 (bib)	book-chapter	Emil Karlsson, Elina Rönnberg. Strengthening of Feasibility Cuts in Logic-Based Benders Decomposition. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 2021.	6	6	0	20	2	8.10
10.1109/ssci50451.2021.9660171 (bib)	proceedings-article	J. C. Peng, A. D. Clark, A. Dahbura. Introducing Human Corrective Multi-Team SRR Sports Scheduling via Reinforcement Learning. 2021 IEEE Symposium Series on Computational Intelligence (SSCI), 2021.	5	5	0	28	0	8.10
10.1287/opre.8.2.219 (bib)	journal-article	Alan S. Manne. On the Job-Shop Scheduling Problem. Operations Research, 1960.	10	0	10	0	425	8.00
10.1016/j.cie.2009.04.019 (bib)	journal-article	Vincent Augusto, Xiaolan Xie, Viviana Perdomo. Operating theatre scheduling with patient recovery in both operating rooms and recovery beds. Computers & Industrial Engineering, 2010.	6	0	6	16	91	8.00

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DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1287/mnsc.46.10.1365.12272 (bib)	journal-article	Ulrich Dorndorf, Erwin Pesch, Toàn Phan-Huy. A Time-Oriented Branch-and-Bound Algorithm for Resource-Constrained Project Scheduling with Generalised Precedence Constraints. Management Science, 2000.	6	3	3	28	80	8.00
10.1007/s10479-010-0737-7 (bib)	journal-article	Hadrien Cambazard, Emmanuel Hebrard, Barry O'Sullivan, Alexandre Papadopoulos. Local search and constraint programming for the post enrolment-based course timetabling problem. Annals of Operations Research, 2010.	6	6	0	28	45	8.00
10.1016/s0377-2217(99)00488-9 (bib)	journal-article	Christelle Guéret, Narendra Jussien, Christian Prins. Using intelligent backtracking to improve branch-and-bound methods: An application to Open-Shop problems. European Journal of Operational Research, 2000.	8	0	8	19	35	8.00
10.1016/j.ejor.2020.04.050 (bib)	journal-article	Erik Orm Hellsten, David Sacramento, David Pisinger. An adaptive large neighbourhood search heuristic for routing and scheduling feeder vessels in multi-terminal ports. European Journal of Operational Research, 2020.	5	4	1	45	17	8.00
10.1007/s11750-020-00576-9 (bib)	journal-article	Guillermo Durán. Sports scheduling and other topics in sports analytics: a survey with special reference to Latin America. TOP, 2020.	5	3	2	106	15	8.00
10.1007/978-3-642-14309-0 4 (bib)	book-chapter	Marco Gavanelli, Francesca Rossi. Constraint Logic Programming. Lecture Notes in Computer Science, 2010.	6	6	0	141	7	8.00
10.1177/0142331208100099 (bib)	journal-article	Roman Barták, Ondřej Čepek. Incremental propagation rules for a precedence graph with optional activities and time windows. Transactions of the Institute of Measurement and Control, 2010.	6	4	2	15	5	8.00
10.1080/03155986.2020.1734901 (bib)	journal-article	Mohamed Amine Abdeljaouad, Zied Bahroun, Nour El Houda Saadani, Belhassen Zouari. A simulated annealing for a daily operating room scheduling problem under constraints of uncertainty and setup. INFOR: Information Systems and Operational Research, 2020.	5	4	1	23	4	8.00
10.3390/app10248887 (bib)	journal-article	Shu-Shun Liu, Hsin-Yi Huang, Nevy Risna Dyah Kumala. Two-Stage Optimization Model for Life Cycle Maintenance Scheduling of Bridge Infrastructure. Applied Sciences, 2020.	5	5	0	60	3	8.00
10.1016/j.ejor.2010.03.046 (bib)	journal-article	Robert A. Russell, Timothy L. Urban. Multicriteria models for planning power-networking events. European Journal of Operational Research, 2010.	7	7	0	35	0	8.00
10.1007/978-3-030-58475-7 44 (bib)	book-chapter	Alexandre Mercier-Aubin, Ludwig Dumetz, Jonathan Gaudreault, Claude-Guy Quimper. The Confidence Constraint: A Step Towards Stochastic CP Solvers. Lecture Notes in Computer Science, 2020.	5	5	0	20	0	8.00
10.1016/j.cor.2008.11.012 (bib)	journal-article	Brecht Cardoen, Erik Demeulemeester, Jeroen Beliën. Sequencing surgical cases in a day-care environment: An exact branch-and-price approach. Computers & Operations Research, 2009.	7	0	7	28	117	7.90
10.1016/j.ejor.2007.10.040 (bib)	journal-article	Jiaqiong Chen, Ronald G. Askin. Project selection, scheduling and resource allocation with time dependent returns. European Journal of Operational Research, 2009.	5	2	3	72	90	7.90
10.3390/pr7070438 (bib)	journal-article	Georgios P. Georgiadis, Apostolos P. Elekidis, Michael C. Georgiadis. Optimization-Based Scheduling for the Process Industries: From Theory to Real-Life Industrial Applications. Processes, 2019.	5	4	1	131	47	7.90
10.1080/00207540802010781 (bib)	journal-article	Mario Vanhoucke. A scatter search heuristic for maximising the net present value of a resource-constrained project with fixed activity cash flows. International Journal of Production Research, 2009.	5	0	5	34	34	7.90
10.1016/j.cor.2019.04.010 (bib)	journal-article	Mahdi Hamid, Mohammad Mahdi Nasiri, Frank Werner, Farrokh Sheikhahmadi, Mohammad Zhalechian. Operating room scheduling by considering the decision-making styles of surgical team members: A comprehensive approach. Computers & Operations Research, 2019.	5	3	2	85	28	7.90
10.1007/978-3-540-48085-3 27 (bib)	book-chapter	Philippe Refalo. Tight Cooperation and Its Application in Piecewise Linear Optimization. Principles and Practice of Constraint Programming – CP'99, 1999.	8	2	6	24	20	7.90
10.1016/j.compchemeng.2019.106517 (bib)	journal-article	Dhruv Gupta, Christos T. Maravelias. On the design of online production scheduling algorithms. Computers & Chemical Engineering, 2019.	5	4	1	66	19	7.90
10.1007/s10951-008-0097-1 (bib)	journal-article	Rafael A. Melo, Sebastián Urrutia, Celso C. Ribeiro. The traveling tournament problem with predefined venues. Journal of Scheduling, 2009.	7	3	4	19	17	7.90
10.1287/ijoc.1080.0307 (bib)	journal-article	Daria Terekhov, J. Christopher Beck, Kenneth N. Brown. A Constraint Programming Approach for Solving a Queueing Design and Control Problem. INFORMS Journal on Computing, 2009.	6	3	3	21	12	7.90
10.1002/aic.11972 (bib)	journal-article	Prakash R. Kotecha, Mani Bhushan, Ravindra D. Gudi. Efficient optimization strategies with constraint programming. AIChE Journal, 2009.	6	6	0	26	3	7.90

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DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1287/mnsc.44.5.714 (bib)	journal-article	Aristide Mingozzi, Vittorio Maniezzo, Salvatore Ricciardelli, Lucio Bianco. An Exact Algorithm for the Resource-Constrained Project Scheduling Problem Based on a New Mathematical Formulation. Management Science, 1998.	6	0	6	29	238	7.80
10.1016/j.ejor.2006.10.060 (bib)	journal-article	Jeroen Beliën, Erik Demeulemeester. A branch-and-price approach for integrating nurse and surgery scheduling. European Journal of Operational Research, 2008.	6	1	5	50	124	7.80
10.1016/j.cor.2007.02.019 (bib)	journal-article	D.Y. Sha, Cheng-Yu Hsu. A new particle swarm optimization for the open shop scheduling problem. Computers & Operations Research, 2008.	6	0	6	27	122	7.80
10.1016/s0377-2217(97)00305-6 (bib)	journal-article	Bert De Reyck, willy Herroelen. A branch-and-bound procedure for the resource-constrained project scheduling problem with generalized precedence relations. European Journal of Operational Research, 1998.	6	0	6	41	98	7.80
10.1287/trsc.32.1.12 (bib)	journal-article	Gilles Pesant, Michel Gendreau, Jean-Yves Potvin, Jean-Marc Rousseau. An Exact Constraint Logic Programming Algorithm for the Traveling Salesman Problem with Time Windows. Transportation Science, 1998.	7	0	7	25	96	7.80
10.1007/s10951-008-0067-7 (bib)	journal-article	Egon Balas, Neil Simonetti, Alkis Vazacopoulos. Job shop scheduling with setup times, deadlines and precedence constraints. Journal of Scheduling, 2008.	5	1	4	14	63	7.80
10.1155/2018/5341394 (bib)	journal-article	Şeyda Gür, Tamer Eren. Application of Operational Research Techniques in Operating Room Scheduling Problems: Literature Overview. Journal of Healthcare Engineering, 2018.	5	3	2	139	42	7.80
10.1016/j.compchemeng.2017.12.003 (bib)	journal-article	Hojae Lee, Christos T. Maravelias. Combining the advantages of discrete- and continuous-time scheduling models: Part 1. Framework and mathematical formulations. Computers & Chemical Engineering, 2018.	5	5	0	66	39	7.80
10.1016/j.ijpe.2007.01.005 (bib)	journal-article	Hung-Tso Lin, Hong-Tau Lee, Wen-Jung Pan. Heuristics for scheduling in a no-wait open shop with movable dedicated machines. International Journal of Production Economics, 2008.	5	0	5	22	23	7.80
10.1007/978-3-319-98977-8 8 (bib)	book-chapter	Michael Z. Zgurovsky, Alexander A. Pavlov. The Four-Level Model of Planning and Decision Making. Combinatorial Optimization Problems in Planning and Decision Making, 2018.	6	6	0	151	9	7.80
10.1007/s12351-018-0381-6 (bib)	journal-article	Ansis Ozolins. Bounded dynamic programming algorithm for the job shop problem with sequence dependent setup times. Operational Research, 2018.	5	4	1	30	5	7.80
10.1007/978-3-030-02538-0 5 (bib)	book-chapter	Illa Weiss. Solution Approach. Contributions to Management Science, 2018.	6	6	0	30	0	7.80
10.1002/9780470611050.ch9 (bib)	other	Jean-Charles Billaut, Jacques Carlier, Emmanuel Néron, Antoine Oliver. Shop Scheduling with Multiple Resources. Production Scheduling, 2008.	5	5	0	113	0	7.80
10.1016/0377-2217(87)90240-2 (bib)	journal-article	Nicos Christofides, R. Alvarez-Valdes, J.M. Tamarit. Project scheduling with resource constraints: A branch and bound approach. European Journal of Operational Research, 1987.	7	0	7	15	256	7.70
10.1016/j.ejor.2016.08.041 (bib)	journal-article	Nils Boysen, Dirk Briskorn, Frank Meisel. A generalized classification scheme for crane scheduling with interference. European Journal of Operational Research, 2017.	5	1	4	130	94	7.70
10.1016/j.ejor.2005.03.061 (bib)	journal-article	Celso C. Ribeiro, Sebastián Urrutia. Heuristics for the mirrored traveling tournament problem. European Journal of Operational Research, 2007.	7	3	4	31	78	7.70
10.1016/j.omega.2005.08.002 (bib)	journal-article	Andreas Drexl, Sigrid Knust. Sports league scheduling: Graph- and resource-based models. Omega, 2007.	5	3	2	20	45	7.70
10.1016/j.cor.2016.09.009 (bib)	journal-article	Maxence Delorme, Manuel Iori, Silvano Martello. Logic based Benders' decomposition for orthogonal stock cutting problems. Computers & Operations Research, 2017.	6	4	2	50	43	7.70
10.1016/j.ejor.2005.09.034 (bib)	journal-article	Jacques Carlier, Emmanuel Néron. Computing redundant resources for the resource constrained project scheduling problem. European Journal of Operational Research, 2007.	5	3	2	20	29	7.70
10.1002/net.21736 (bib)	journal-article	Christian Kloimüllner, Günther R. Raidl. Full-load route planning for balancing bike sharing systems by logic-based benders decomposition. Networks, 2017.	6	4	2	50	25	7.70
10.1007/s11047-016-9607-9 (bib)	journal-article	Wei Xiang. A multi-objective ACO for operating room scheduling optimization. Natural Computing, 2017.	5	1	4	29	25	7.70
10.1007/978-3-540-72397-4 24 (bib)	book-chapter	Michael A. Trick, Hakan Yildiz. Bender's Cuts Guided Large Neighborhood Search for the Traveling Umpire Problem. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2007.	7	6	1	12	8	7.70
10.1007/s10601-017-9269-y (bib)	journal-article	Sascha Van Cauwelaert, Pierre Schaus. Efficient filtering for the Resource-Cost AllDifferent constraint. Constraints, 2017.	5	5	0	33	0	7.70

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1145/321978.321985 (bib)	journal-article	Teofilo Gonzalez, Sartaj Sahni. Open Shop Scheduling to Minimize Finish Time. Journal of the ACM, 1976.	9	0	9	7	490	7.60
10.1287/ijoc.1040.0121 (bib)	journal-article	Guidong Zhu, Jonathan F. Bard, Gang Yu. A Branch-and-Cut Procedure for the Multi-mode Resource-Constrained Project-Scheduling Problem. INFORMS Journal on Computing, 2006.	5	0	5	23	85	7.60
10.1016/j.cherd.2016.10.035 (bib)	journal-article	Dhruv Gupta, Christos T. Maravelias, John M. Wassick. From rescheduling to online scheduling. Chemical Engineering Research and Design, 2016.	5	3	2	109	78	7.60
10.1016/j.cor.2004.09.037 (bib)	journal-article	Thomas Bartsch, Andreas Drexl, Stefan Kröger. Scheduling the professional soccer leagues of Austria and Germany. Computers & Operations Research, 2006.	6	4	2	27	68	7.60
10.1016/j.compchemeng.2005.12.014 (bib)	journal-article	Pedro M. Castro, Ignacio E. Grossmann. An efficient MILP model for the short-term scheduling of single stage batch plants. Computers & Chemical Engineering, 2006.	6	4	2	26	49	7.60
10.1155/2016/5102616 (bib)	journal-article	Paweł Sitek, Jarosław Wikarek. A Hybrid Programming Framework for Modeling and Solving Constraint Satisfaction and Optimization Problems. Scientific Programming, 2016.	5	5	0	15	39	7.60
10.1016/j.cor.2004.09.030 (bib)	journal-article	Ryuhei Miyashiro, Tomomi Matsui. Semidefinite programming based approaches to the break minimization problem. Computers & Operations Research, 2006.	7	2	5	12	20	7.60
10.1007/s00500-016-2181-3 (bib)	journal-article	Nguyen Thi Phuong Quyen, James C. Chen, Chao-Lung Yang. Hybrid genetic algorithm to solve resource constrained assembly line balancing problem in footwear manufacturing. Soft Computing, 2016.	5	0	5	36	19	7.60
10.1007/978-3-319-44953-1 4 (bib)	book-chapter	Gleb Belov, Peter J. Stuckey, Guido Tack, Mark Wallace. Improved Linearization of Constraint Programming Models. Lecture Notes in Computer Science, 2016.	5	2	3	28	18	7.60
10.1016/j.cor.2005.01.013 (bib)	journal-article	Nicolas Beldiceanu, Mats Carlsson, Sven Thiel. Sweep synchronization as a global propagation mechanism. Computers & Operations Research, 2006.	6	1	5	11	8	7.60
10.1007/s10951-006-8596-4 (bib)	journal-article	J. Christopher Beck, Patrick Prosser, Evgeny Selensky. A case study of mutual routing-scheduling reformulation. Journal of Scheduling, 2006.	6	6	0	28	3	7.60
10.1016/j.ejor.2014.12.030 (bib)	journal-article	Christian Bierwirth, Frank Meisel. A follow-up survey of berth allocation and quay crane scheduling problems in container terminals. European Journal of Operational Research, 2015.	5	1	4	148	401	7.50
10.1016/j.cie.2015.01.006 (bib)	journal-article	Jose M. Molina-Pariente, Victor Fernandez-Viagas, Jose M. Framinan. Integrated operating room planning and scheduling problem with assistant surgeon dependent surgery durations. Computers & Industrial Engineering, 2015.	5	2	3	48	58	7.50
10.1287/trsc.1030.0078 (bib)	journal-article	Tallys H. Yunes, Arnaldo V. Moura, Cid C. de Souza. Hybrid Column Generation Approaches for Urban Transit Crew Management Problems. Transportation Science, 2005.	7	1	6	31	42	7.50
10.1007/11493853 12 (bib)	book-chapter	Sophie Demassey, Gilles Pesant, Louis-Martin Rousseau. Constraint Programming Based Column Generation for Employee Timetabling. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2005.	6	1	5	12	20	7.50
10.1007/11493853 17 (bib)	book-chapter	Bernard Gendron, Hocine Lebbah, Gilles Pesant. Improving the Cooperation Between the Master Problem and the Subproblem in Constraint Programming Based Column Generation. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2005.	6	1	5	19	11	7.50
10.1007/11493853 20 (bib)	book-chapter	Mohand Ou Idir Khemmoudj, Hachemi Bennaceur, Anass Nagih. Combining Arc-Consistency and Dual Lagrangean Relaxation for Filtering CSPs. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2005.	6	5	1	20	8	7.50
10.1007/978-3-662-43505-2 62 (bib)	book-chapter	Luca Di Gaspero. Integration of Metaheuristics and Constraint Programming. Springer Handbook of Computational Intelligence, 2015.	5	5	0	84	3	7.50
10.1023/b:josh.0000046076.75950.0b (bib)	journal-article	Edmund K. Burke, Patrick De Causmaecker, Greet Vanden Berghe, Hendrik Van Landeghem. The State of the Art of Nurse Rostering. Journal of Scheduling, 2004.	7	0	7	0	621	7.40
10.1016/0098-1354(93)e0010-7 (bib)	journal-article	R. Raman, I.E. Grossmann. Modelling and computational techniques for logic based integer programming. Computers & Chemical Engineering, 1994.	8	0	8	22	416	7.40
10.1016/j.compchemeng.2003.11.006 (bib)	journal-article	Ignacio E. Grossmann, Lorenz T. Biegler. Part II. Future perspective on optimization. Computers & Chemical Engineering, 2004.	7	7	0	161	144	7.40
10.1287/opre.2013.1248 (bib)	journal-article	Jean-François Côté, Mauro Dell'Amico, Manuel Iori. Combinatorial Benders' Cuts for the Strip Packing Problem. Operations Research, 2014.	6	4	2	41	74	7.40
10.1023/b:anor.0000030682.25673.c0 (bib)	journal-article	Jacek Błażewicz, Maciej Machowiak, Jan Węglarz, Mikhail Y. Kovalyov, Denis Trystram. Scheduling Malleable Tasks on Parallel Processors to Minimize the Makespan. Annals of Operations Research, 2004.	5	0	5	0	53	7.40

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1007/s00291-003-0155-1 (bib)	journal-article	Philippe Baptiste, Sophie Demassey. Tight LP bounds for resource constrained project scheduling. OR Spectrum, 2004.	5	0	5	0	42	7.40
10.1007/bf02085636 (bib)	journal-article	Peter Brucker, Bernd Jurisch, Andreas Krämer. The job-shop problem and immediate selection. Annals of Operations Research, 1994.	7	0	7	10	35	7.40
10.1016/j.ijpe.2014.06.011 (bib)	journal-article	B. Naderi, M. Zandieh. Modeling and scheduling no-wait open shop problems. International Journal of Production Economics, 2014.	5	0	5	29	24	7.40
10.1007/978-3-540-24664-0 26 (bib)	book-chapter	Ayoub Insa Corréa, André Langevin, Louis Martin Rousseau. Dispatching and Conflict-Free Routing of Automated Guided Vehicles: A Hybrid Approach Combining Constraint Programming and Mixed Integer Programming. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2004.	6	0	6	4	11	7.40
10.1145/182.358434 (bib)	journal-article	James F. Allen. Maintaining knowledge about temporal intervals. Communications of the ACM, 1983.	9	0	9	18	4512	7.30
10.1016/s0305-0548(02)00063-1 (bib)	journal-article	Yeo Keun Kim, Kitae Park, Jesuk Ko. A symbiotic evolutionary algorithm for the integration of process planning and job shop scheduling. Computers & Operations Research, 2003.	5	0	5	34	269	7.30
10.1002/net.3230130102 (bib)	journal-article	G. Igelmund, F. J. Radermacher. Preselective strategies for the optimization of stochastic project networks under resource constraints. Networks, 1983.	8	0	8	35	107	7.30
10.1016/s0377-2217(02)00762-2 (bib)	journal-article	Peter Brucker, Sigrid Knust. Lower bounds for resource-constrained project scheduling problems. European Journal of Operational Research, 2003.	5	1	4	27	54	7.30
10.1007/s11590-013-0692-8 (bib)	journal-article	Carlos Montoya, Odile Bellenguez-Morineau, Eric Pinson, David Rivreau. Branch-and-price approach for the multi-skill project scheduling problem. Optimization Letters, 2013.	5	3	2	34	41	7.30
10.1080/0951192x.2012.688141 (bib)	journal-article	Fehmi H'Mida, Pierre Lopez. Multi-site scheduling under production and transportation constraints. International Journal of Computer Integrated Manufacturing, 2013.	5	5	0	49	13	7.30
10.1007/978-1-4615-1043-7 1 (bib)	book-chapter	J. N. Hooker. A Framework for Integrating Solution Methods. Computational Modeling and Problem Solving in the Networked World, 2003.	7	5	2	31	4	7.30
10.1016/j.artint.2023.103974 (bib)	journal-article	Jimmy H.M. Lee, Allen Z. Zhong. Automatic generation of dominance breaking nogoods for a class of constraint optimization problems. Artificial Intelligence, 2023.	5	5	0	70	0	7.30
10.1007/s00170-012-4675-1 (bib)	journal-article	Cemalettin Öztürk, Semra Tunalı, Brahim Hnich, Arslan Örnek. Balancing and scheduling of flexible mixed model assembly lines with parallel stations. The International Journal of Advanced Manufacturing Technology, 2012.	5	4	1	47	19	7.20
10.1007/s10479-022-04686-4 (bib)	journal-article	Hossein Hashemi Doulabi, Soheyl Khalilpourazari. Stochastic weekly operating room planning with an exponential number of scenarios. Annals of Operations Research, 2022.	5	5	0	46	11	7.20
10.1007/3-540-45628-7 19 (bib)	book-chapter	Mark Wallace. Constraint Logic Programming. Computational Logic: Logic Programming and Beyond, 2002.	6	6	0	84	8	7.20
10.1080/00207543.2022.2152890 (bib)	journal-article	Yunfang Peng, Lijun Zhang, Beixin Xia, Yajuan Han. Research on balancing and sequencing problems of flexible mixed model assembly lines with alternative precedence relations. International Journal of Production Research, 2022.	5	5	0	51	2	7.20
10.35378/gujs.681151 (bib)	journal-article	Burak GOKGUR, Selin ÖZPEYNİRCİ. Minimization of Number of Tool Switching Instants in Automated Manufacturing Systems. Gazi University Journal of Science, 2022.	5	5	0	30	0	7.20
10.1016/j.cor.2021.105603 (bib)	journal-article	Markó Horváth, Tamás Kis, András Kovács, Márk Fekula. Assembly planning by disjunctive programming and geometrical reasoning. Computers & Operations Research, 2022.	5	5	0	42	0	7.20
10.1007/3-540-45578-7 43 (bib)	book-chapter	Kelly Easton, George Nemhauser, Michael Trick. The Traveling Tournament Problem Description and Benchmarks. Principles and Practice of Constraint Programming — CP 2001, 2001.	7	1	6	7	90	7.10
10.1007/pl00013356 (bib)	journal-article	Birger Franck, Klaus Neumann, Christoph Schwindt. Truncated branch-and-bound, schedule-construction, and schedule-improvement procedures for resource-constrained project scheduling. OR-Spektrum, 2001.	5	0	5	0	48	7.10
10.1080/00207543.2010.481294 (bib)	journal-article	Albert Corominas, Laia Ferrer, Rafael Pastor. Assembly line balancing: general resource-constrained case. International Journal of Production Research, 2011.	5	0	5	33	41	7.10
10.1007/3-540-44629-x 15 (bib)	book-chapter	Michael A. Trick. A Schedule-Then-Break Approach to Sports Timetabling. Lecture Notes in Computer Science, 2001.	7	1	6	27	32	7.10
10.1080/00207543.2010.497174 (bib)	journal-article	B. Naderi, S.M.T. Fatemi Ghomi, M. Aminnayeri, M. Zandieh. A study on open shop scheduling to minimise total tardiness. International Journal of Production Research, 2011.	5	0	5	34	22	7.10

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DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1016/j.compchemeng.2011.02.014 (bib)	journal-article	Adrián M. Aguirre, Carlos A. Méndez, Pedro M. Castro. A novel optimization method to automated wet-etch station scheduling in semiconductor manufacturing systems. Computers & Chemical Engineering, 2011.	5	4	1	37	18	7.10
10.1016/j.omega.2020.102311 (bib)	journal-article	Sergey Polyakovskiy, Rym M'Hallah. Just-in-time two-dimensional bin packing. Omega, 2021.	5	3	2	46	17	7.10
10.1007/978-3-642-23786-7 23 (bib)	book-chapter	Thibaut Feydy, Zoltan Somogyi, Peter J. Stuckey. Half Reification and Flattening. Principles and Practice of Constraint Programming – CP 2011, 2011.	6	2	4	17	15	7.10
10.1007/3-540-45578-7 14 (bib)	book-chapter	Alexander Bockmayr, Nicolai Pisaruk, Abderrahmane Aggoun. Network Flow Problems in Constraint Programming. Principles and Practice of Constraint Programming — CP 2001, 2001.	6	4	2	17	9	7.10
10.1007/978-3-642-19754-3 23 (bib)	book-chapter	Timo Berthold, Stefan Heinz, Jens Schulz. An Approximative Criterion for the Potential of Energetic Reasoning. Theory and Practice of Algorithms in (Computer) Systems, 2011.	6	2	4	8	6	7.10
10.1007/s10479-011-0962-8 (bib)	journal-article	Siqian Shen, J. Cole Smith. A decomposition approach for solving a broadcast domination network design problem. Annals of Operations Research, 2011.	6	6	0	38	5	7.10
10.1007/s12351-021-00663-0 (bib)	journal-article	Mina Roohnavazfar, Seyed Hamid Reza Pasandideh. Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints. Operational Research, 2021.	5	5	0	53	1	7.10
10.1007/978-3-662-04363-9 8 (bib)	book-chapter	Jacek Błażewicz, Klaus H. Ecker, Erwin Pesch, Günter Schmidt, Jan Węglarz. Scheduling in Job Shops. Scheduling Computer and Manufacturing Processes, 2001.	5	5	0	126	0	7.10
10.1016/j.ejor.2009.05.031 (bib)	journal-article	Christian Bierwirth, Frank Meisel. A survey of berth allocation and quay crane scheduling problems in container terminals. European Journal of Operational Research, 2010.	5	0	5	114	598	7.00
10.1016/j.cor.2009.06.019 (bib)	journal-article	B. Naderi, Rubén Ruiz. The distributed permutation flowshop scheduling problem. Computers & Operations Research, 2010.	5	0	5	55	390	7.00
10.1016/j.ejor.2010.06.002 (bib)	journal-article	Georgios M. Kopanos, Carlos A. Méndez, Luis Puigjaner. MIP-based decomposition strategies for large-scale scheduling problems in multiproduct multistage batch plants: A benchmark scheduling problem of the pharmaceutical industry. European Journal of Operational Research, 2010.	5	0	5	26	84	7.00
10.1016/s0377-2217(99)00494-4 (bib)	journal-article	Jacques Carlier, Emmanuel Néron. A new LP-based lower bound for the cumulative scheduling problem. European Journal of Operational Research, 2000.	6	2	4	16	17	7.00
10.1007/s10479-010-0683-4 (bib)	journal-article	Thierry Petit, Emmanuel Poder. Global propagation of side constraints for solving over-constrained problems. Annals of Operations Research, 2010.	5	4	1	29	3	7.00
10.1007/s00366-020-01044-5 (bib)	journal-article	Adil Baykasoğlu, Nurhan Dudaklı, Mümin Emre Şenol, Feyzi Kömürcü. Mathematical programming approach to productivity improvement in wind turbine-blade manufacturing through a case study. Engineering with Computers, 2020.	5	4	1	28	2	7.00
10.36306/konjes.589835 (bib)	journal-article	Evrencan ÖZCAN, Hacı Mehmet ALAKAŞ, Ayşe YELEK, Tamer EREN. KISIT PROGRAMLAMA VE HEDEF PROGRAMLAMA ENTEGRASYONU İLE VARDİYA ÇİZELGELEMESİ: HİDROELEKTRİK SANTRAL UYGULAMASI. Konya Journal of Engineering Sciences, 2020.	5	5	0	48	2	7.00
10.1007/978-1-4419-1644-0 5 (bib)	book-chapter	Tobias Achterberg, Andrea Lodi. Hybrid Solving Techniques. Hybrid Optimization, 2010.	6	6	0	32	0	7.00
10.1109/12.769433 (bib)	journal-article	J.P. Marques-Silva, K.A. Sakallah. GRASP: a search algorithm for propositional satisfiability. IEEE Transactions on Computers, 1999.	7	0	7	39	831	6.90
10.1002/nav.3800060205 (bib)	journal-article	Harvey M. Wagner. An integer linear-programming model for machine scheduling. Naval Research Logistics Quarterly, 1959.	9	0	9	14	257	6.90
10.1080/095281399146607 (bib)	journal-article	THIERRY VIDAL. Handling contingency in temporal constraint networks: from consistency to controllabilities. Journal of Experimental & Theoretical Artificial Intelligence, 1999.	7	0	7	35	105	6.90
10.1021/ie900734x (bib)	journal-article	Pedro M. Castro, Iiro Harjunkoski, Ignacio E. Grossmann. Optimal Short-Term Scheduling of Large-Scale Multistage Batch Plants. Industrial & Engineering Chemistry Research, 2009.	5	1	4	22	44	6.90
10.1007/978-3-540-48085-3 19 (bib)	book-chapter	Ulrich Junker, Stefan E. Karisch, Niklas Kohl, Bo Vaaben, Torsten Fahle, Meinolf Sellmann. A Framework for Constraint Programming Based Column Generation. Principles and Practice of Constraint Programming – CP'99, 1999.	6	2	4	15	37	6.90
10.1007/978-3-540-48085-3 28 (bib)	book-chapter	Jean-Charles Régin. Arc Consistency for Global Cardinality Constraints with Costs. Principles and Practice of Constraint Programming – CP'99, 1999.	7	1	6	12	27	6.90

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1007/s10288-009-0101-4 (bib)	journal-article	Stefano Gualandi, Federico Malucelli. Constraint programming-based column generation. 4OR, 2009.	5	3	2	43	16	6.90
10.1109/scis.2009.4927019 (bib)	proceedings-article	Jari Kyngas, Kimmo Nurmi. Scheduling the finnish major ice hockey league. 2009 IEEE Symposium on Computational Intelligence in Scheduling, 2009.	5	5	0	35	11	6.90
10.1007/978-3-642-00675-3 3 (bib)	book-chapter	Sebastian Kuhnert. Efficient Edge-Finding on Unary Resources with Optional Activities. Lecture Notes in Computer Science, 2009.	5	5	0	8	0	6.90
10.1021/ie970927g (bib)	journal-article	M. G. Ierapetritou, C. A. Floudas. Effective Continuous-Time Formulation for Short-Term Scheduling. 1. Multipurpose Batch Processes. Industrial & Engineering Chemistry Research, 1998.	6	0	6	14	422	6.80
10.1016/s1574-6526(07)03004-0 (bib)	book-chapter	Francesca Rossi, Peter van Beek, Toby Walsh. Chapter 4 Constraint Programming. Handbook of Knowledge Representation, 2008.	5	4	1	149	33	6.80
10.1007/978-3-319-93031-2 30 (bib)	book-chapter	Chang Liu, Dionne M. Aleman, J. Christopher Beck. Modelling and Solving the Senior Transportation Problem. Integration of Constraint Programming, Artificial Intelligence, and Operations Research, 2018.	5	2	3	11	9	6.80
10.1007/bfb0033845 (bib)	book-chapter	Mats Carlsson, Greger Ottosson, Björn Carlson. An open-ended finite domain constraint solver. Lecture Notes in Computer Science, 1997.	7	2	5	29	142	6.70
10.1287/inte.1070.0318 (bib)	journal-article	Guillermo Durán, Mario Guajardo, Jaime Miranda, Denis Sauré, Sebastián Souyris, Andres Weintraub, Rodrigo Wolf. Scheduling the Chilean Soccer League by Integer Programming. Interfaces, 2007.	5	2	3	13	46	6.70
10.1007/978-3-540-74970-7 15 (bib)	book-chapter	N. Beldiceanu, M. Carlsson, E. Poder, R. Sadek, C. Truchet. A Generic Geometrical Constraint Kernel in Space and Time for Handling Polymorphic k-Dimensional Objects. Principles and Practice of Constraint Programming – CP 2007, 2007.	6	3	3	12	22	6.70
10.1016/j.ijpe.2017.05.014 (bib)	journal-article	Christine Di Martinelly, Nadine Meskens. A bi-objective integrated approach to building surgical teams and nurse schedule rosters to maximise surgical team affinities and minimise nurses' idle time. International Journal of Production Economics, 2017.	5	2	3	50	17	6.70
10.1007/978-3-540-74472-6 65 (bib)	book-chapter	Rafael Pastor, Laia Ferrer, Alberto García. Evaluating Optimization Models to Solve SALBP. Lecture Notes in Computer Science, 2007.	6	0	6	8	13	6.70
10.1007/978-3-319-66158-2 37 (bib)	book-chapter	Edward Lam, Pascal Van Hentenryck. Branch-and-Check with Explanations for the Vehicle Routing Problem with Time Windows. Lecture Notes in Computer Science, 2017.	5	4	1	31	2	6.70
10.1287/mnsc.42.9.1229 (bib)	journal-article	Egon Balas, Sebastián Ceria, Gérard Cornuéjols. Mixed 0-1 Programming by Lift-and-Project in a Branch-and-Cut Framework. Management Science, 1996.	7	0	7	0	168	6.60
10.1287/ijoc.8.3.302 (bib)	journal-article	R. J. M. Vaessens, E. H. L. Aarts, J. K. Lenstra. Job Shop Scheduling by Local Search. INFORMS Journal on Computing, 1996.	5	0	5	0	139	6.60
10.1007/s10601-006-9003-7 (bib)	journal-article	Sophie Demassey, Gilles Pesant, Louis-Martin Rousseau. A Cost-Regular Based Hybrid Column Generation Approach. Constraints, 2006.	6	0	6	27	71	6.60
10.1287/mnsc.42.10.1395 (bib)	journal-article	Oya Icmeli, S. Selcuk Erenguc. A Branch and Bound Procedure for the Resource Constrained Project Scheduling Problem with Discounted Cash Flows. Management Science, 1996.	5	0	5	0	67	6.60
10.1007/s10601-006-6849-7 (bib)	journal-article	S. Armagan Tarim, Suresh Manandhar, Toby Walsh. Stochastic Constraint Programming: A Scenario-Based Approach. Constraints, 2006.	5	0	5	25	60	6.60
10.1007/11889205 42 (bib)	book-chapter	Naoyuki Tamura, Akiko Taga, Satoshi Kitagawa, Mutsunori Banbara. Compiling Finite Linear CSP into SAT. Principles and Practice of Constraint Programming - CP 2006, 2006.	5	1	4	21	20	6.60
10.1007/s10601-006-9002-8 (bib)	journal-article	Hadrien Cambazard, Narendra Jussien. Identifying and Exploiting Problem Structures Using Explanation-based Constraint Programming. Constraints, 2006.	5	5	0	26	9	6.60
10.1007/978-3-319-33954-2 5 (bib)	book-chapter	Kyle E. C. Booth, Tony T. Tran, J. Christopher Beck. Logic-Based Decomposition Methods for the Travelling Purchaser Problem. Integration of AI and OR Techniques in Constraint Programming, 2016.	5	4	1	27	3	6.60
10.1002/9783527619856.ch15 (bib)	other	Nilay Shah. Production Scheduling. Computer Aided Process and Product Engineering, 2006.	5	5	0	162	1	6.60
10.1007/s10472-016-9522-x (bib)	journal-article	D. Magos, I. Mourtos. Submodularity and its application to some global constraints. Annals of Mathematics and Artificial Intelligence, 2016.	5	5	0	25	1	6.60
10.1007/0-387-32942-0 3 (bib)	book-chapter	John N Hooker. Logic-Based Modeling. International Series in Operations Research & Management Science, 2006.	6	6	0	40	0	6.60

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1021/ie00048a015 (bib)	journal-article	Jose M. Pinto, Ignacio E. Grossmann. A Continuous Time Mixed Integer Linear Programming Model for Short Term Scheduling of Multistage Batch Plants. Industrial & Engineering Chemistry Research, 1995.	6	0	6	0	249	6.50
10.1016/0305-0548(93)e0016-m (bib)	journal-article	Ulrich Dorndorf, Erwin Pesch. Evolution based learning in a job shop scheduling environment. Computers & Operations Research, 1995.	5	0	5	66	214	6.50
10.1287/opre.43.6.1058 (bib)	journal-article	Ümit Bilge, Gündüz Ulusoy. A Time Window Approach to Simultaneous Scheduling of Machines and Material Handling System in an FMS. Operations Research, 1995.	5	0	5	0	190	6.50
10.1007/s10479-005-3968-2 (bib)	journal-article	Alper Atamtürk, Martin W. P. Savelsbergh. Integer-Programming Software Systems. Annals of Operations Research, 2005.	6	3	3	60	146	6.50
10.1016/j.ijpe.2004.03.008 (bib)	journal-article	Kürşad Ağpak, Hadi Gökçen. Assembly line balancing: Two resource constrained cases. International Journal of Production Economics, 2005.	5	0	5	11	55	6.50
10.1109/mis.2005.25 (bib)	journal-article	A. Nareyek, E.C. Freuder, R. Fourer, E. Giunchiglia, R.P. Goldman, H. Kautz, J. Rintanen, A. Tate. Constraints and AI Planning. IEEE Intelligent Systems, 2005.	6	4	2	68	42	6.50
10.1111/j.1467-8640.2005.00278.x (bib)	journal-article	Tom Carchrae, J. Christopher Beck. APPLYING MACHINE LEARNING TO LOW-KNOWLEDGE CONTROL OF OPTIMIZATION ALGORITHMS. Computational Intelligence, 2005.	5	2	3	22	39	6.50
10.1007/978-3-319-23219-5 37 (bib)	book-chapter	Andrea Borghesi, Francesca Collina, Michele Lombardi, Michela Milano, Luca Benini. Power Capping in High Performance Computing Systems. Lecture Notes in Computer Science, 2015.	5	3	2	29	21	6.50
10.1145/1065887.1065889 (bib)	journal-article	Christian Schulte, Peter J. Stuckey. When do bounds and domain propagation lead to the same search space?. ACM Transactions on Programming Languages and Systems, 2005.	5	2	3	25	18	6.50
10.1007/0-387-27744-7 1 (bib)	book-chapter	Stephen F. Smith. Is Scheduling a Solved Problem?. Multidisciplinary Scheduling: Theory and Applications, 2005.	5	4	1	88	16	6.50
10.1016/j.compchemeng.2004.05.002 (bib)	journal-article	Christodoulos A. Floudas, Xiaoxia Lin. Continuous-time versus discrete-time approaches for scheduling of chemical processes: a review. Computers & Chemical Engineering, 2004.	5	0	5	121	526	6.40
10.1007/s10107-004-0518-7 (bib)	journal-article	Emilie Danna, Edward Rothberg, Claude Le Pape. Exploring relaxation induced neighborhoods to improve MIP solutions. Mathematical Programming, 2004.	6	3	3	35	338	6.40
10.1016/0377-2217(94)90332-8 (bib)	journal-article	Claire Hanen. Study of a NP-hard cyclic scheduling problem: The recurrent job-shop. European Journal of Operational Research, 1994.	5	0	5	17	80	6.40
10.1016/j.apm.2014.04.012 (bib)	journal-article	B. Naderi, Sheida Gohari, M. Yazdani. Hybrid flexible flowshop problems: Models and solution methods. Applied Mathematical Modelling, 2014.	5	0	5	28	57	6.40
10.1007/3-540-58601-6 111 (bib)	book-chapter	J. N. Hooker. Logic-based methods for optimization. Lecture Notes in Computer Science, 1994.	7	0	7	12	39	6.40
10.1134/s0040579514050182 (bib)	journal-article	Ignacio E. Grossmann. Challenges in the application of mathematical programming in the enterprise-wide optimization of process industries. Theoretical Foundations of Chemical Engineering, 2014.	5	5	0	150	26	6.40
10.1007/978-3-319-05443-8 2 (bib)	book-chapter	Christian Artigues, Oumar Koné, Pierre Lopez, Marcel Mongeau. Mixed-Integer Linear Programming Formulations. Handbook on Project Management and Scheduling Vol.1, 2014.	5	5	0	36	25	6.40
10.1007/978-3-319-05443-8 21 (bib)	book-chapter	Marek Mika, Grzegorz Waligóra, Jan W glarz. Overview and State of the Art. Handbook on Project Management and Scheduling Vol.1, 2014.	5	2	3	135	15	6.40
10.1007/978-1-4419-8917-8 1 (bib)	book-chapter	Michela Milano, Michael Trick. Constraint and Integer Programming. Constraint and Integer Programming, 2004.	6	4	2	40	5	6.40
10.1007/978-3-319-10428-7 32 (bib)	book-chapter	Wen-Yang Ku, Thiago Pinheiro, J. Christopher Beck. CIP and MIQP Models for the Load Balancing Nurse-to-Patient Assignment Problem. Lecture Notes in Computer Science, 2014.	5	4	1	28	3	6.40
10.1016/0098-1354(93)80015-f (bib)	journal-article	E. Kondili, C.C. Pantelides, R.W.H. Sargent. A general algorithm for short-term scheduling of batch operations—I. MILP formulation. Computers & Chemical Engineering, 1993.	6	0	6	16	959	6.30
10.1007/s001860200251 (bib)	journal-article	Klaus Neumann, Christoph Schwindt. Project scheduling with inventory constraints. Mathematical Methods of Operations Research (ZOR), 2003.	5	0	5	0	72	6.30
10.1016/s0377-2217(02)00205-9 (bib)	journal-article	Ramiro Varela, Camino R Vela, Jorge Puente, Alberto Gomez. A knowledge-based evolutionary strategy for scheduling problems with bottlenecks. European Journal of Operational Research, 2003.	5	4	1	26	67	6.30
10.1016/s0377-2217(02)00686-0 (bib)	journal-article	Timothy L. Urban, Robert A. Russell. Scheduling sports competitions on multiple venues. European Journal of Operational Research, 2003.	5	2	3	37	32	6.30

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1145/2491845.2491847 (bib)	proceedings-article	Dimitrios Magos. The constraint of difference and total dual integrality. Proceedings of the 17th Panhellenic Conference on Informatics, 2013.	5	5	0	26	1	6.30
10.1007/978-1-4614-1900-6 (bib)	book	John N. Hooker. Integrated Methods for Optimization. International Series in Operations Research & Management Science, 2012.	5	0	5	0	45	6.20
10.1007/978-3-642-33558-7 4 (bib)	book-chapter	Geoffrey Chu, Peter J. Stuckey. A Generic Method for Identifying and Exploiting Dominance Relations. Lecture Notes in Computer Science, 2012.	5	3	2	27	5	6.20
10.1016/j.cor.2011.05.018 (bib)	journal-article	Dirk Briskorn, Andrei Horbach. A Lagrangian approach for minimum cost single round robin tournaments. Computers & Operations Research, 2012.	5	5	0	40	3	6.20
10.1007/978-3-642-27660-6 49 (bib)	book-chapter	Roman Barták, Con Sheahan, Ann Sheahan. MAK€– A System for Modelling, Optimising, and Analyzing Production in Small and Medium Enterprises. SOFSEM 2012: Theory and Practice of Computer Science, 2012.	5	5	0	20	1	6.20
10.1016/0377-2217(91)90304-e (bib)	journal-article	Jacek Blazewicz, Moshe Dror, Jan Weglarz. Mathematical programming formulations for machine scheduling: A survey. European Journal of Operational Research, 1991.	5	0	5	59	119	6.10
10.1287/ijoc.13.2.96.10515 (bib)	journal-article	H.P. Williams, Hong Yan. Representations of the all different Predicate of Constraint Satisfaction in Integer Programming. INFORMS Journal on Computing, 2001.	5	2	3	20	30	6.10
10.1007/s11590-011-0320-4 (bib)	journal-article	Josef Kallrath. Polylithic modeling and solution approaches using algebraic modeling systems. Optimization Letters, 2011.	5	5	0	53	28	6.10
10.1007/978-3-642-21311-3 19 (bib)	book-chapter	Helmut Simonis, Barry O'Sullivan. Almost Square Packing. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2011.	5	4	1	20	3	6.10
10.1016/s0377-2217(99)00153-8 (bib)	journal-article	Chris N. Potts, Mikhail Y. Kovalyov. Scheduling with batching: A review. European Journal of Operational Research, 2000.	5	0	5	83	714	6.00
10.1002/(sici)1099-1425(200001/02)3:1<3::aid-jos32>3.0.co;2-y (bib)	journal-article	Monaldo Mastrolilli, Luca Maria Gambardella. Effective neighbourhood functions for the flexible job shop problem. Journal of Scheduling, 2000.	5	0	5	28	299	6.00
10.1287/inte.1090.0492 (bib)	journal-article	Alexandra M. Newman, Enrique Rubio, Rodrigo Caro, Andrés Weintraub, Kelly Eurek. A Review of Operations Research in Mine Planning. Interfaces, 2010.	5	0	5	110	250	6.00
10.1007/3-540-45349-0 6 (bib)	book-chapter	Nicolas Beldiceanu. Global Constraints as Graph Properties on a Structured Network of Elementary Constraints of the Same Type. Principles and Practice of Constraint Programming – CP 2000, 2000.	6	3	3	17	45	6.00
10.1007/3-540-45349-0 15 (bib)	book-chapter	Filippo Focacci, Andrea Lodi, Michela Milano. Cutting Planes in Constraint Programming: An Hybrid Approach. Principles and Practice of Constraint Programming – CP 2000, 2000.	5	1	4	23	17	6.00
10.1007/s10107-010-0390-6 (bib)	journal-article	D. Magos, I. Mourtos, G. Appa. A polyhedral approach to the alldifferent system. Mathematical Programming, 2010.	5	5	0	32	9	6.00
10.1007/s10951-010-0194-9 (bib)	journal-article	Andrei Horbach, Thomas Bartsch, Dirk Briskorn. Using a SAT-solver to schedule sports leagues. Journal of Scheduling, 2010.	5	5	0	34	7	6.00
10.1002/9783527631209.ch40 (bib)	other	Charles Sung, Christos T. Maravelias. Production Planning in Process Systems Engineering. Process Systems Engineering, 2010.	5	5	0	75	0	6.00
10.1007/s10479-009-0568-6 (bib)	journal-article	Elena Tànfani, Angela Testi. A pre-assignment heuristic algorithm for the Master Surgical Schedule Problem (MSSP). Annals of Operations Research, 2009.	5	0	5	14	60	5.90
10.1016/s1571-0653(04)00002-2 (bib)	journal-article	Filippo Focacci, Andrea Lodi, Michela Milano, Daniele Vigo. Solving TSP through the Integration of OR and CP Techniques. Electronic Notes in Discrete Mathematics, 1999.	5	0	5	13	18	5.90
10.1016/j.ejor.2008.06.008 (bib)	journal-article	Dirk Briskorn, Andreas Drexl. A branching scheme for finding cost-minimal round robin tournaments. European Journal of Operational Research, 2009.	5	2	3	24	16	5.90
10.1016/j.disopt.2009.05.004 (bib)	journal-article	Z. Caner Taşkın, J. Cole Smith, Shabbir Ahmed, Andrew J. Schaefer. Cutting plane algorithms for solving a stochastic edge-partition problem. Discrete Optimization, 2009.	5	4	1	25	9	5.90
10.1007/978-0-387-88617-6 1 (bib)	book-chapter	Ignacio E. Grossmann, Kevin C. Furman. Challenges in Enterprise Wide Optimization for the Process Industries. Springer Optimization and Its Applications, 2009.	5	5	0	237	8	5.90
10.1016/j.ijpe.2006.08.030 (bib)	journal-article	H. Fei, C. Chu, N. Meskens, A. Artiba. Solving surgical cases assignment problem by a branch-and-price approach. International Journal of Production Economics, 2008.	5	0	5	18	113	5.80
10.1007/s10601-008-9041-4 (bib)	journal-article	Kim Marriott, Nicholas Nethercote, Reza Rafeh, Peter J. Stuckey, Maria Garcia de la Banda, Mark Wallace. The Design of the Zinc Modelling Language. Constraints, 2008.	5	0	5	30	85	5.80
10.1016/j.compchemeng.2007.06.012 (bib)	journal-article	Pradeep Prasad, Christos T. Maravelias. Batch selection, assignment and sequencing in multi-stage multi-product processes. Computers & Chemical Engineering, 2008.	5	3	2	31	59	5.80
10.1016/j.dss.2008.03.009 (bib)	journal-article	Cliff T. Ragsdale, Kevin P. Scheibe, Michael A. Trick. Fashioning fair foursomes for the fairway (using a spreadsheet-based DSS as the driver). Decision Support Systems, 2008.	5	5	0	50	10	5.80

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1007/978-0-387-74759-0 398 (bib)	book-chapter	Josef Kallrath. Modeling Difficult Optimization Problems. Encyclopedia of Optimization, 2008.	5	5	0	39	6	5.80
10.1007/s10479-008-0383-5 (bib)	journal-article	Marco Cadoli, Fabio Patrizi. On the separability of subproblems in Benders decompositions. Annals of Operations Research, 2008.	5	4	1	18	1	5.80
10.1016/s0305-0548(97)00031-2 (bib)	journal-article	N. Mladenović, P. Hansen. Variable neighborhood search. Computers & Operations Research, 1997.	6	0	6	10	2874	5.70
10.1007/s10601-006-9010-8 (bib)	journal-article	Nicolas Beldiceanu, Mats Carlsson, Sophie Demassey, Thierry Petit. Global Constraint Catalogue: Past, Present and Future. Constraints, 2007.	5	4	1	81	43	5.70
10.1109/tsmcc.2007.900661 (bib)	journal-article	Angelo Oddi, Nicola Policella. Improving Robustness of Spacecraft Downlink Schedules. IEEE Transactions on Systems, Man and Cybernetics, Part C (Applications and Reviews), 2007.	5	3	2	8	10	5.70
10.1007/978-3-540-74970-7 48 (bib)	book-chapter	Huayue Wu, Peter van Beek. On Universal Restart Strategies for Backtracking Search. Principles and Practice of Constraint Programming – CP 2007, 2007.	5	0	5	17	8	5.70
10.1007/978-0-387-71921-4 16 (bib)	book-chapter	Aletéia P.F. Araújo, Cristina Boeres, Vinod E.F. Rebello, Celso C. Ribeiro, Sebastián Urrutia. Exploring Grid Implementations of Parallel Cooperative Metaheuristics. Metaheuristics, 2007.	5	4	1	41	4	5.70
10.1002/9783527631278.ch9 (bib)	other	Charles Sung, Christos T. Maravelias. Production Planning in Process Systems Engineering. Process Systems Engineering, 2007.	5	5	0	75	0	5.70
10.1109/tac.2006.876949 (bib)	journal-article	A. Bemporad, N. Giorgetti. Logic-Based Solution Methods for Optimal Control of Hybrid Systems. IEEE Transactions on Automatic Control, 2006.	5	5	0	49	47	5.60
10.1007/3-540-61551-2 68 (bib)	book-chapter	B. M. W. Cheng, J. H. M. Lee, J. C. K. Wu. Speeding up constraint propagation by redundant modeling. Lecture Notes in Computer Science, 1996.	5	2	3	22	19	5.60
10.1016/s1574-6526(06)80029-5 (bib)	book-chapter	Helmut Simonis. Constraint Applications in Networks. Handbook of Constraint Programming, 2006.	5	5	0	72	12	5.60
10.1051/ro:2007004 (bib)	journal-article	Hadrien Cambazard, Narendra Jussien. Des explications pour reconnaître et exploiter les structures cachées d'un problème combinatoire. RAIRO - Operations Research, 2006.	5	5	0	26	0	5.60
10.1002/aic.10617 (bib)	journal-article	Ignacio Grossmann. Enterprise-wide optimization: A new frontier in process systems engineering. AIChE Journal, 2005.	5	5	0	86	412	5.50
10.1007/bf02430364 (bib)	journal-article	J. N. Hooker. Testing heuristics: We have it all wrong. Journal of Heuristics, 1995.	6	0	6	16	250	5.50
10.1016/j.orl.2004.06.004 (bib)	journal-article	Ryuhei Miyashiro, Tomomi Matsui. A polynomial-time algorithm to find an equitable home–away assignment. Operations Research Letters, 2005.	5	1	4	13	36	5.50
10.1016/0020-0255(74)90008-5 (bib)	journal-article	Ugo Montanari. Networks of constraints: Fundamental properties and applications to picture processing. Information Sciences, 1974.	8	0	8	14	753	5.40
10.1287/opre.42.4.614 (bib)	journal-article	Robert A. Russell, Janny M. Y. Leung. Devising a Cost Effective Schedule for a Baseball League. Operations Research, 1994.	6	0	6	0	66	5.40
10.1007/978-3-642-85983-0 7 (bib)	book-chapter	Mark Wallace. Applying Constraints for Scheduling. Constraint Programming, 1994.	5	2	3	33	16	5.40
10.1007/978-1-4419-8917-8 4 (bib)	book-chapter	Jean-Charles Régin. Global Constraints and Filtering Algorithms. Constraint and Integer Programming, 2004.	5	4	1	56	9	5.40
10.1007/978-3-540-24664-0 7 (bib)	book-chapter	Alberto Bemporad, Nicolò Giorgetti. SAT-Based Branch amp; Bound and Optimal Control of Hybrid Dynamical Systems. Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, 2004.	5	5	0	23	3	5.40
10.1126/science.220.4598.671 (bib)	journal-article	S. Kirkpatrick, C. D. Gelatt, M. P. Vecchi. Optimization by Simulated Annealing. Science, 1983.	7	0	7	32	29914	5.33
10.1016/0167-6377(93)90002-x (bib)	journal-article	Gilbert Laporte, François V. Louveaux. The integer L-shaped method for stochastic integer programs with complete recourse. Operations Research Letters, 1993.	6	0	6	16	488	5.30
10.1016/s0191-2615(02)00045-0 (bib)	journal-article	Jean-François Cordeau, Gilbert Laporte. A tabu search heuristic for the static multi-vehicle dial-a-ride problem. Transportation Research Part B: Methodological, 2003.	5	0	5	30	475	5.30
10.1016/0098-1354(93)80016-g (bib)	journal-article	N. Shah, C.C. Pantelides, R.W.H. Sargent. A general algorithm for short-term scheduling of batch operations—II. Computational issues. Computers & Chemical Engineering, 1993.	5	0	5	13	289	5.30
10.1007/s101070100263 (bib)	journal-article	Elizabeth D. Dolan, Jorge J. Moré. Benchmarking optimization software with performance profiles. Mathematical Programming, 2002.	5	0	5	0	2804	5.20
10.1145/322290.322292 (bib)	journal-article	Eugene C. Freuder. A Sufficient Condition for Backtrack-Free Search. Journal of the ACM, 1982.	7	0	7	16	384	5.20
10.1287/mnsc.28.10.1197 (bib)	journal-article	F. Brian Talbot. Resource-Constrained Project Scheduling with Time-Resource Tradeoffs: The Nonpreemptive Case. Management Science, 1982.	5	0	5	0	296	5.20

Table 332: Missing Work

DOI	Type	Authors/Title	Nr Links	Citing Survey	Cited by Survey	XRef Refs	XRef Cite	Relevance
10.1007/3-540-45749-6 11 (bib)	book-chapter	Ernst Althaus, Alexander Bockmayr, Matthias Elf, Michael Jünger, Thomas Kasper, Kurt Mehlhorn. SCIL — Symbolic Constraints in Integer Linear Programming. Algorithms — ESA 2002, 2002.	5	2	3	29	10	5.20
10.1007/3-540-45578-7 7 (bib)	book-chapter	Torsten Fahle, Stefan Schamberger, Meinolf Sellmann. Symmetry Breaking. Principles and Practice of Constraint Programming — CP 2001, 2001.	5	0	5	10	82	5.10
10.1057/jors.1990.166 (bib)	journal-article	J. E. Beasley. OR-Library: Distributing Test Problems by Electronic Mail. Journal of the Operational Research Society, 1990.	6	0	6	0	1115	5.00
10.1016/0166-218x(90)90104-k (bib)	journal-article	Martin E. Dyer, Laurence A. Wolsey. Formulating the single machine sequencing problem with release dates as a mixed integer program. Discrete Applied Mathematics, 1990.	5	0	5	8	174	5.00
10.1016/s0743-1066(99)00063-1 (bib)	journal-article	Jianyang Zhou. Introduction to the constraint language NCL. The Journal of Logic Programming, 2000.	5	5	0	42	10	5.00
10.1016/0191-2615(89)90001-5 (bib)	journal-article	Carlos F. Daganzo. The crane scheduling problem. Transportation Research Part B: Methodological, 1989.	5	0	5	31	288	4.90
10.1287/opre.7.5.621 (bib)	journal-article	Edward H. Bowman. The Schedule-Sequencing Problem. Operations Research, 1959.	9	0	9	0	200	4.90
10.1016/s0167-5060(08)70821-5 (bib)	book-chapter	J.K. Lenstra, A.H.G. Rinnooy Kan. Computational Complexity of Discrete Optimization Problems. Discrete Optimization I, Proceedings of the Advanced Research Institute on Discrete Optimization and Systems Applications of the Systems Science Panel of NATO and of the Discrete Optimization Symposium, 1979.	7	0	7	57	197	4.90
10.1016/0166-218x(88)90033-9 (bib)	journal-article	D. de Werra. Some models of graphs for scheduling sports competitions. Discrete Applied Mathematics, 1988.	5	0	5	12	70	4.80
10.1287/opre.35.2.254 (bib)	journal-article	Marius M. Solomon. Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints. Operations Research, 1987.	5	0	5	0	2729	4.70
10.1287/opre.25.1.45 (bib)	journal-article	S. S. Panwalkar, Wafik Iskander. A Survey of Scheduling Rules. Operations Research, 1977.	6	0	6	0	864	4.70
10.1016/0004-3702(87)90002-6 (bib)	journal-article	Rina Dechter, Judea Pearl. Network-based heuristics for constraint-satisfaction problems. Artificial Intelligence, 1987.	6	0	6	38	384	4.70
10.1145/258916.258933 (bib)	journal-article	Alexandre E. Eichenberger, Edward S. Davidson. Efficient formulation for optimal modulo schedulers. ACM SIGPLAN Notices, 1997.	5	0	5	19	20	4.70
10.1016/0004-3702(86)90083-4 (bib)	journal-article	Roger Mohr, Thomas C. Henderson. Arc and path consistency revisited. Artificial Intelligence, 1986.	6	0	6	8	348	4.60
10.1287/opre.24.4.774 (bib)	journal-article	J. Erschler, F. Roubellat, J. P. Vernhes. Technical Note—Finding Some Essential Characteristics of the Feasible Solutions for a Scheduling Problem. Operations Research, 1976.	6	0	6	0	50	4.60
10.1016/0377-2217(90)90419-c (bib)	journal-article	Nicholas Beaumont. An algorithm for disjunctive programs. European Journal of Operational Research, 1990.	5	0	5	15	69	4.00
10.1002/9781118627372 (bib)	monograph	George Nemhauser, Laurence Wolsey. Integer and Combinatorial Optimization. , 1988.	5	0	5	0	2488	3.80
10.1145/359642.359654 (bib)	journal-article	Eugene C. Freuder. Synthesizing constraint expressions. Communications of the ACM, 1978.	6	0	6	24	295	3.80
10.1002/nav.3800010110 (bib)	journal-article	S. M. Johnson. Optimal two- and three-stage production schedules with setup times included. Naval Research Logistics Quarterly, 1954.	8	0	8	2	2229	3.40
10.1287/mnsc.20.5.822 (bib)	journal-article	A. M. Geoffrion, G. W. Graves. Multicommodity Distribution System Design by Benders Decomposition. Management Science, 1974.	6	0	6	0	788	3.40
10.1287/opre.8.4.487 (bib)	journal-article	B. Giffler, G. L. Thompson. Algorithms for Solving Production-Scheduling Problems. Operations Research, 1960.	6	0	6	0	510	3.00
10.1287/mnsc.16.5.357 (bib)	journal-article	A. H. Russell. Cash Flows in Networks. Management Science, 1970.	6	0	6	0	155	3.00
10.1145/361219.361224 (bib)	journal-article	James R. Bitner, Edward M. Reingold. Backtrack programming techniques. Communications of the ACM, 1975.	5	0	5	23	171	2.50
10.1145/321694.321699 (bib)	journal-article	Jack Edmonds, Richard M. Karp. Theoretical Improvements in Algorithmic Efficiency for Network Flow Problems. Journal of the ACM, 1972.	5	0	5	7	1563	2.20
10.1016/0004-3702(71)90010-5 (bib)	journal-article	Richard E. Fikes, Nils J. Nilsson. Strips: A new approach to the application of theorem proving to problem solving. Artificial Intelligence, 1971.	5	0	5	11	2220	2.10

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 333: Works with Missing DOI (Total 131)

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	3177	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	3178	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	3179	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

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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	3180	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	3181	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	3182	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	3183	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	3184	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

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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	3185	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	1446	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	3186	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	3187	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	3188	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	3189	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	3190	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	[861]	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

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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	3191	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	3192	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	3193	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	3194	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	3195	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	3196	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	3197	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	3198	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	3199	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	3200	n/a
Nuijten94 Nuijten94	W. Nuijten	Time and Resource Constrained Scheduling: a Constraint Satisfaction Approach	Yes	[657]	1994	Eindhoven University of Technology	172	0 0 0	0 0	3201	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[658]	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	[666]	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	[683]	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	[684]	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	[701]	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	[704]	2005	AAAI 2005	6	0 0 0	0 0	766	n/a
Prosser89 Prosser89	P. Prosser	A Reactive Scheduling Agent	Yes	[713]	1989	IJCAI 1989	6	0 0 0	0 0	771	n/a
Rit86 Rit86	J.-F. Rit	Propagating Temporal Constraints for Scheduling	Yes	[734]	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	[735]	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	[739]	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	[740]	2002	Computers in Railways VIII	10	0 0 0	0 0	1620	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[741]	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	[748]	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	[756]	1998	ECAI 1998	5	0 0 0	0 0	No	n/a

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Schaerf96 Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	No	[759]	1996	ECAI 1996	5	0 0 0	0 0	No	n/a
Schaerf97 Schaerf97	A. Schaerf	Combining Local Search and Look-Ahead for Scheduling and Constraint Satisfaction Problems	Yes	[760]	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	[761]	2008	AAAI 2008	6	0 0 0	0 0	788	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[767]	2011	University of Melbourne, Australia	209	0 0 0	0 0	3202	n/a
SenderovichBB19 SenderovichBB19	A. Senderovich, K. E. C. Booth, J. C. Beck	Learning Scheduling Models from Event Data	Yes	[779]	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	[786]	2015	INSA Toulouse, France	199	0 0 0	0 0	3203	n/a
SmithC93 SmithC93	S. F. Smith, C.-C. Cheng	Slack-Based Heuristics for Constraint Satisfaction Scheduling	Yes	[798]	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	[801]	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	[804]	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	[821]	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	[845]	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	[851]	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	[855]	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	[874]	2004	ISCA 2004	6	0 0 0	0 0	No	n/a
Wallace94 Wallace94	M. G. Wallace	Applying Constraints for Scheduling	No	[876]	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	[880]	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	[885]	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	[902]	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	[903]	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	[912]	2021	Université de Tours - LIFAT	185	0 0 0	0 0	3204	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[697]	2009	CoRR	12	0 0 0	0 0	1696	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	[772]	2010	CoRR	37	0 0 0	0 0	1697	n/a

Table 333: Works with Missing DOI (Total 131)

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	1698	1761
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	1699	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	1700	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	1701	1762
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	1702	n/a

Alphabetical Index

ACM Trans. Embed. Comput. Syst., 624
ACM Trans. Intell. Syst. Technol., 624
AI Commun., 624
AI Mag., 625
EURO J. Comput. Optim., 625
IBM J. Res. Dev., 625
IEEE Access, 625
IEEE Intell. Syst., 626
IEEE Trans Autom. Sci. Eng., 626
IEEE Trans. Comput. Aided Des. Integr. Circuits Syst., 626
IEEE Trans. Engineering Management, 627
IEEE Trans. Parallel Distributed Syst., 627
IEEE Trans. Syst. Man Cybern. Syst., 627
OR Spectrum, 628
2BPHFSP, 307
2BPHFSP (Two-Stage Bin Packing and Hybrid Flow Shop Scheduling Problem), 283
4OR, 579

AAAI, 542
AalianPG23, 7, 26, 106, 632
Aarts, E.H.L., 258
AbdennadherS99, 23, 26, 632
Abdulghani, Abdulrahman M., 263
Abdullah-Al-Wadud, M., 263
Abidin Çil, Zeynel, 258
AbidinK20, 117, 133, 632
Abohashima, Hanaa, 263
AbohashimaEG21, 115, 133, 251, 632
Abreu, Levi R., 260
AbreuAPNM21, 116, 133, 632
AbreuN22, 114, 134, 251, 632
AbreuNP23, 112, 134, 250, 632
AbreuPNF23, 112, 135, 632
Abril, Montserrat, 263
AbrilSB05, 20, 26, 632
abs-0907-0939, 127, 245, 695
abs-1009-0347, 126, 246, 695
abs-1901-07914, 119, 246, 252, 695
abs-1902-01193, 120, 246, 695
abs-1902-09244, 120, 246, 695
abs-1911-04766, 120, 247, 252, 695
abs-2102-08778, 117, 247, 695
abs-2211-14492, 115, 247, 695
abs-2305-19888, 114, 248, 251, 695
abs-2306-05747, 114, 248, 251, 695
abs-2312-13682, 114, 248, 251, 696
abs-2402-00459, 112, 249, 250, 696
Achterberg, Tobias, 263
AchterbergBKW08, 18, 26, 632
ACIIDS, 544
ACM Transactions on Design Automation of Electronic Systems, 579
ACM Transactions on Software Engineering and Methodology, 579
Acta Automatica Sinica, 580
activity, 330
Acuna-Agost, Rodrigo, 263
Acuna-AgostMFG09, 17, 26, 632
Adelgren, Nathan, 263
Adelgren2023, 112, 135, 250, 633
Adelman, W., 263
Adulyasak, Yossiri, 263
Advances in Science and Technology Research Journal, 580
aerospace industry, 328
Affenzeller, Michael, 260
Afsar, Sezin, 263
AfsarVPG23, 112, 136, 250, 633
Aggoun, Abderrahmane, 258
AggounB93, 132, 136, 633
AggounMV08, 537, 633
AggounV04, 537, 633
agricultural industry, 328
agriculture, 291
agrifood industry, 328
Agussurja, Lucas, 263
AgussurjaKL18, 10, 26, 633
Ahmad, Adnan, 263
Ai-Chang, Mitchell, 263
AIAI, 544
AICCC, 544
AIPS, 545
aircraft, 291
airline industry, 328
airport, 291
Ajili, Farid, 264
AjiliW04, 537, 633
Akbarpour Shirazi, M., 277
AkkerDH07, 19, 27, 633
Akram, Bilal Omar, 264
Akram, Tallha, 264
AkramNHRSA23, 112, 136, 250, 633
Alaka21, 116, 136, 633
AlakaP23, 112, 137, 633
AlakaPY19, 118, 137, 633
Alakas, Hacı Mehmet, 264
Alakaş, Hacı Mehmet, 257, 264, 494
Alamri, Atif, 264
Alefragis, Panayiotis, 264
Aleman, Dionne M., 257
Alesio, Stefano Di, 264
AlesioBNG15, 122, 137, 633
AlesioNBG14, 14, 27, 633
Alfieri, Arianna, 264
AlfieriGPS23, 112, 137, 634
Algorithms, 580
  ant colony, 285
  bi-partite matching, 285
  column generation, 286
  conflict-driven clause learning, 286
  deep learning, 286
  edge-finder, 286

edge-finding, 286
energetic reasoning, 286
evolutionary computing, 286
genetic algorithm, 287
GRASP, 285
IGT, 285
Lagrangian relaxation, 285
large neighborhood search, 287
lazy clause generation, 287
machine learning, 287
mat heuristic, 288
max-flow, 288
memetic algorithm, 288
meta heuristic, 288
MINLP, 285
MIQP, 285
NEH, 285
neural network, 288
not-first, 289
not-last, 289
particle swarm, 289
quadratic programming, 289
reinforcement learning, 289
simulated annealing, 290
support vector regression, 290
swarm intelligence, 290
sweep, 290
systematic local search, 290
time-tabling, 290
Alizdeh, Samira, 264
AlizdehS20, 117, 634
Alla, H., 264
AllDiff constraint, 323
alldifferent, 325
AllDiffPrec constraint, 323
Allen's algebra, 311
alternative constraint, 325
AlwaysConstant, 323
alwaysEqual constraint, 325
alwaysIn, 325
Amadini, Roberto, 264
AmadiniGM16, 12, 27, 109, 634
Amano, M., 264
Amodeo, L., 264
Among constraint, 323
AmongSeq constraint, 323
Anass, El Yaakoubi, 267
Andrei, A., 264
Angelsmark, Ola, 264
AngelsmarkJ00, 23, 27, 634
Annals of Operations Research, 581
ANT, 545
ant colony, 285
ANTS, 545
Antunes, Mark, 260
AntunesABD18, 11, 27, 634
AntunesABD20, 117, 138, 634
Antuori, Valentin, 260
AntuoriHHEN20, 9, 28, 108, 634
AntuoriHHEN21, 8, 28, 107, 634
APMS, 545
ApplicationAreas
agriculture, 291
aircraft, 291
airport, 291
astronomy, 291
automotive, 291
break minimization problem, 291
business process, 291
cable tree, 291
car manufacturing, 291
container terminal, 292
COVID, 291
crew-scheduling, 292
dairies, 292
dairy, 292
datacenter, 292
datacentre, 292
day-ahead market, 292
deep space, 292
drone, 292
earth observation, 292
earth orbit, 292
electroplating, 292
emergency service, 292
energy-price, 292
evacuation, 292
farming, 292
forestry, 292
high performance computing, 292
high school timetabling, 292
hoist, 292
HVAC, 291
maintenance scheduling, 293
medical, 293
meeting scheduling, 293
music festival, 293
nurse, 293
offshore, 293
operating room, 293
oven scheduling, 293
patient, 294
perfect-square, 294
physician, 294
pipeline, 294
radiation therapy, 294
railway, 294
real-time pricing, 294
rectangle-packing, 294
robot, 295
round-robin, 295
satellite, 295
semiconductor, 295
shipping line, 295
sports scheduling, 295
steel cable, 295
steel mill, 295
super-computer, 295
surgery, 296
telescope, 296

torpedo, 296
tournament, 296
train schedule, 296
travelling tournament problem, 296
vaccine, 296
wildfire, 296
workforce scheduling, 296
yard crane, 296
APPLIED MATHEMATICAL MODELLING, 579
Aramon Bajestani, Maliheh, 258
Arangu, Marlene, 264
Araujo, Arthur, 264
Araújo, Kennedy Anderson Guimarães, 264
Arbaoui, Taha, 264
ArbaouiY18, 11, 28, 634
Arithmetic constraint, 323
Arkhipov, Dmitry, 264
Arkhipov19, 519, 634
ArkhipovBL19, 118, 138, 634
Armentano, Vinícius Amaral, 264
Armstrong, Eddie, 260
ArmstrongGOS21, 8, 28, 107, 634
ArmstrongGOS22, 8, 29, 106, 634
AronssonBK09, 17, 29, 634
Arruda, L.V.R., 264
Artif. Intell. Eng., 581
Artif. Intell. Rev., 582
Artificial Intelligence, 582
Artigues, Christian, 255, 441
ArtiguesBF04, 21, 29, 635
ArtiguesDN08, 518, 635
ArtiguesF07, 127, 138, 635
ArtiguesHQT21, 8, 29, 635
ArtiguesL14, 123, 139, 635
ArtiguesLH13, 123, 139, 635
ArtiguesR00, 130, 139, 635
Artiouchine, Konstantin, 264
ArtiouchineB05, 20, 29, 635
Assembly Automation, 583
ASTAIR, 546
Astrand0F21, 9, 30, 107, 635
Astrand21, 519, 521, 635
AstrandJZ18, 11, 30, 635
AstrandJZ20, 117, 140, 635
astronomy, 291
Atighehchian, Arezoo, 264
ATMOS, 546
Atmost constraint, 323
AtMostSeq, 323
AtMostSeqCard, 323
Audemard, Gilles, 264
Automation in Construction, 583
automobile industry, 328
automotive, 291
automotive industry, 328
aviation industry, 328
Awad, Mohamed, 264
AwadMDMT22, 114, 140, 635

Baatar, Davaatseren, 264
Babaoglu, Ozalp, 264
Bach, Irena, 264
Backhaus, Scott, 260
BadicaBI20, 117, 140, 635
BadicaBIL19, 10, 30, 108, 636
BajestaniB11, 16, 30, 636
BajestaniB13, 123, 141, 636
BajestaniB15, 122, 142, 636
Balance constraint, 323
Balasubramanian, Hari, 264
Baldacci, Roberto, 264
Balduccini, Marcello, 264
Balduccini11, 16, 30, 636
Baloch, Gohram, 264
BalochG20, 117, 636
Banaszak, Zbigniew A., 264
BandaSC11, 125, 142, 636
Baptiste, P., 260
Baptiste, Philippe, 256, 450
Baptiste02, 520, 522, 636
Baptiste09, 17, 30, 636
BaptisteB18, 120, 142, 636
BaptisteLPN06, 539, 636
BaptisteLV92, 25, 30, 636
BaptisteP00, 130, 143, 254, 636
BaptisteP95, 24, 31, 636
BaptisteP97, 23, 31, 637
BaptistePN01, 518, 637
BaptistePN99, 130, 143, 637
Barber, Federico, 264
BarbulescuWH04, 21, 31, 637
Barlatt, Ada, 265
BarlattCG08, 18, 31, 637
Barnier, Nicolas, 260
Bartak02, 22, 31, 637
Bartak02a, 22, 31, 637
Bartak14, 539, 637
BartakCS10, 126, 143, 637
BartakS11, 125, 143, 254, 637
BartakSR08, 127, 144, 637
BartakSR10, 126, 144, 637
BartakV15, 13, 32, 637
Bartolini, Andrea, 257
BartoliniBBLM14, 14, 32, 637
Barták, Roman, 256, 265, 454
BarzegaranZP20, 9, 32, 108, 638
Basini, Virginie, 265
batch process, 312
Battaïa, Olga, 265
Bautsch, Brian, 265
Beck, J. Christopher, 255, 425
Beck06, 19, 32, 638
Beck07, 127, 144, 638
Beck10, 17, 32, 638
Beck99, 520, 523, 638
BeckDDF98, 131, 145, 638
BeckDF97, 23, 33, 638
BeckDSF97, 24, 33, 638
BeckDSF97a, 24, 33, 638
BeckF00, 130, 145, 638

BeckF00a, 130, 145, 638
BeckF98, 131, 146, 638
BeckF99, 23, 33, 638
BeckFW11, 125, 146, 638
BeckPS03, 21, 34, 639
BeckR03, 129, 146, 639
BeckW04, 21, 34, 639
BeckW05, 20, 34, 639
BeckW07, 127, 147, 639
Bedhief, Asma Ouled, 265
Bedhief21, 116, 147, 639
Beg, Mirza, 265
BegB13, 124, 147, 639
Begen, Mehmet A., 257, 495
Beham, Andreas, 260
Behrens, Jan Kristof, 260
BehrensLM19, 10, 34, 108, 639
Beldiceanu, Nicolas, 256, 447
BeldiceanuC01, 22, 34, 639
BeldiceanuC02, 22, 34, 639
BeldiceanuC94, 132, 148, 639
BeldiceanuCDP11, 125, 148, 639
BeldiceanuCP08, 18, 35, 639
BeldiceanuP07, 19, 35, 639
BelhadjiI98, 131, 148, 254, 640
Belmokhtar, Sana, 265
benchmark, 297
Benchmarks
    benchmark, 297
    bitbucket, 297
    CSPlib, 297
    generated instance, 297
    github, 298
    gitlab, 298
    industrial instance, 298
    industrial partner, 298
    industry partner, 298
    instance generator, 298
    random instance, 298
    real-life, 299
    real-world, 299
    Roadef, 297
    supplementary material, 299
    zenodo, 299
Bender, Till, 265
Benders Decomposition, 311
BenderWS21, 9, 35, 107, 640
Benedikt, Ondřej, 260
BenediktMH20, 117, 148, 252, 640
BenediktSMVH18, 11, 35, 109, 640
Benhamou, Belaid, 265
Benini, Luca, 255, 445
BeniniBGM05, 20, 35, 640
BeniniBGM05a, 20, 35, 640
BeniniBGM06, 19, 36, 640
BeniniLMMR08, 18, 36, 640
BeniniLMR08, 18, 36, 640
BeniniLMR11, 125, 149, 640
Bennaceur, Hachemi, 265
Bennet Milburn, Ashlea, 265
Benoist, Thierry, 265
BenoistGR02, 22, 37, 640
BensanaLV99, 130, 149, 254, 640
Bent, Russell, 260
Berthold, Timo, 260
BertholdHLMS10, 17, 37, 640
Bertozzi, Davide, 257
Bessiere, Christian, 265
BessiereHMQW14, 14, 37, 640
Betmbe Fetgo, Sévérine, 258
Bhatnagar, Saumya, 265
BhatnagarKL19, 10, 37, 641
bi-objective, 312
bi-partite matching, 285
Bidot, Julien, 260
BidotVLB07, 19, 37, 641
BidotVLB09, 126, 149, 641
bill of material, 312
Bill of Material (BOM), 283
Billaut, J-C, 260
BillautHL12, 15, 38, 641
bin-packing, 325
BinPacking constraint, 323
Birgin, Ernesto G., 265
Bit-Monnot, Arthur, 265
Bit-Monnot23, 7, 38, 106, 641
bitbucket, 297
Blazewicz, J., 265
BlazewiczDP96, 131, 150, 641
BlazewiczEP19, 539, 641
Bleidorn, Dominik R., 265
Blocking constraint, 323
blocking constraint, 312
Blom, Michelle L., 260
BlomBPS14, 123, 150, 641
BlomPS16, 121, 150, 641
Blum, Christian, 265
Bocewicz, Grzegorz, 265
BocewiczBB09, 126, 150, 641
Bockmayr, Alexander, 260
BockmayrK98, 131, 641
BockmayrP06, 128, 151, 641
Bofill, Miquel, 257, 496
BofillCGGPSV23, 7, 38, 641
BofillCSV17, 11, 38, 641
BofillCSV17a, 12, 38, 642
BofillEGPSV14, 14, 38, 642
BofillGSV15, 13, 38, 642
BogaerdtW19, 10, 39, 108, 642
BOM, 311
BOM (Bill of Material), 283
Bonfietti, Alessio, 256, 459
Bonfietti16, 121, 151, 642
BonfiettiLBM11, 16, 39, 642
BonfiettiLBM12, 15, 39, 642
BonfiettiLBM14, 123, 151, 642
BonfiettiLM13, 15, 39, 642
BonfiettiLM14, 14, 39, 642
BonfiettiM12, 15, 39, 642
BonfiettiZLM16, 12, 39, 109, 642

Bongers, Peter, 265
Bonifas, Nicolas, 265
Bonnin, Camille, 265
BonninMNE24, 7, 40, 642
Booth, Kyle E. C., 257
BoothNB16, 12, 40, 642
BoothTNB16, 121, 151, 643
Borghesi, Andrea, 260
BorghesiBLMB18, 120, 151, 643
Bosi, F., 265
BosiM2001, 129, 151, 643
BoucherBVBL97, 24, 643
BoudreaultSLQ22, 8, 40, 106, 643
Bouquard, J-L, 265
Bourdais, Stéphane, 265
BourdaisGP03, 21, 40, 643
Bourreau, E., 265
BourreauGGLT22, 114, 152, 643
Boyce, Matthew E., 265
BPCTOP, 307
BPCTOP (Bulk Port Cargo Throughput Optimisation Problem), 283
Brailsford, Sally C., 265
break minimization problem, 291
breakdown, 313
BreitingerL95, 539, 643
Briand, Cyril, 265
Briand, Lionel, 260
BriandHHL08, 539, 643
Brickey, Andrea J., 265
Bridi, Thomas, 258
BridiBLMB16, 121, 152, 643
BridiLBBM16, 12, 40, 643
Brodart, D., 265
Brown, Kenneth N., 257, 497
Brucker, Peter, 265
BruckerK00, 130, 152, 643
Brun, Yuriy, 265
Brusoni, V., 265
BrusoniCLMMT96, 24, 41, 643
buffer-capacity, 313
BufferedResource, 323
Bukchin, Yossi, 265
BukchinR18, 120, 152, 643
BulckG22, 114, 152, 644
Bulk Port Cargo Throughput Optimisation Problem, 307
Bulk Port Cargo Throughput Optimisation Problem (BPCTOP), 283
Burke, Edmund K., 265
Burt, Christina, 258
BurtLPS15, 13, 41, 644
business process, 291
Bürgler, Josef, 265
Bădică, Amelia, 260
Bădică, Costin, 260
Błażewicz, Jacek, 265

Caballero19, 519, 523, 644
Caballero23, 112, 152, 250, 644
cable industry, 328
cable tree, 291
Cable Tree Wiring Problem (CTW), 283
CAiSE, 546
Cakici, Eray, 260
Calendar constraint, 323
Cambazard, Hadrien, 257, 484
CambazardHDJT04, 21, 41, 644
CambazardJ05, 20, 41, 644
Campeau, Louis-Pierre, 265
CampeauG22, 114, 153, 251, 644
Canadian AI, 558
CANDAR, 546
Canut-de-Bon, Dario, 260
Cappart, Quentin, 258
CappartS17, 12, 42, 109, 644
CappartTSR18, 11, 42, 109, 644
car manufacturing, 291
Carchrae, Tom, 260
CarchraeB09, 127, 153, 644
CarchraeBF05, 20, 42, 644
Cardinality constraint, 323
CardPath, 323
Carlier, Jacques, 257
CarlierPSJ20, 117, 153, 644
CarlierSJP21, 116, 644
Carlsson, Mats, 256, 448
CarlssonJL17, 121, 153, 253, 644
CarlssonKA99, 23, 42, 645
carpet industry, 328
Caseau, Yves, 265
Caseau97, 24, 42, 645
Castillo, Oscar, 265
Castro, Pedro M., 258
CastroGR10, 537, 645
CatusseCBL16, 12, 42, 645
CauwelaertDMS16, 12, 43, 109, 645
CauwelaertDS20, 117, 154, 252, 645
CauwelaertLS15, 13, 43, 109, 645
CauwelaertLS18, 120, 154, 253, 645
CCL'99, 547
CECSP, 307
CECSP (Continuous Energy-Constrained Scheduling Problem), 283
Central Eur. J. Oper. Res., 584
Cesta, Amedeo, 256, 467
CestaOF99, 23, 43, 645
CestaOPS14, 537, 645
CestaOS00, 23, 43, 645
CestaOS98, 23, 43, 645
Chang, Yao-Ting, 266
Channeling constraint, 323
Chaoyong, Zhang, 266
Chapados, Nicolas, 266
ChapadosJR11, 16, 43, 645
Charlier, P., 266
chemical industry, 328
chemical processing industry, 328
chemistry industry, 328
Chen, Jiang Hang, 266

Chen, Yarong, 260
Cheng, T.C.E., 266
ChenGPSH10, 126, 155, 645
Cherkaoui, Mohammad, 264
Chien, Steve, 266
Chinese Control and Decision Conference, 558
CHIP, 303
chips industry, 328
Chiu, Han-Mo, 266
Chiu, Yufang, 266
Choco Solver, 303
Choi, Yeonjun, 266
CHSP, 307
CHSP (Cyclic Hoist Scheduling Problem), 283
Chu, Geoffrey, 257
Chu, Sue-Min, 266
Chu, Yingyi, 266
Chuffed, 303
ChuGNSW13, 15, 43, 646
Chun, Andy, 260
ChunCTY99, 23, 44, 646
ChunS14, 14, 44, 646
ChuX05, 20, 44, 646
CilKLO22, 114, 155, 646
Cipriano, Italo, 266
circuit, 326
circuit boards industry, 328
Cire, Andre A., 257, 498
CireCH13, 15, 44, 109, 646
CireCH16, 121, 155, 646
CIT, 547
Claire, 303
Classification
    2BPHFSP, 307
    BPCTOP, 307
    Bulk Port Cargo Throughput Optimisation Problem, 307
    CECSP, 307
    CHSP, 307
    CTW, 307
    CuSP, 307
    Earth Observation Scheduling Problem, 307
    EOSP, 307
    Fixed Job Scheduling, 307
    FJS, 307
    GCSP, 307
    HFF, 307
    HFFTT, 307
    HFS, 307
    JSPT, 307
    JSSP, 308
    KRFP, 308
    Liner Shipping Fleet Repositioning Problem, 308
    LSFRP, 308
    MGAP, 308
    Open Shop Scheduling Problem, 308
    OSP, 308
    OSSP, 308
    parallel machine, 310
    Partial Order Schedule, 308
    PJSSP, 308
    PMSP, 308
    psplib, 310
    PTC, 308
    RCMPSP, 308
    RCPSP, 309
    RCPSPDC, 309
    Resource-constrained Project Scheduling Problem, 309
    Resource-constrained Project Scheduling Problem with Discounted Cashflow, 309
    RTMP, 309
    rtRTMP, 310
    SBSFMMAL, 309
    SCC, 309
    single machine, 310
    TCSP, 309
    Temporal Constraint Satisfaction Problem, 309
    TMS, 309
Clautiaux, François, 266
ClautiauxJCM08, 127, 156, 646
Clercq12, 520, 523, 646
ClercqPBJ11, 16, 45, 646
CLP, 300
CLP (Constraint Logic Programming), 283
cmax, 313
CMC-COMPUTERS MATERIALS & CONTINUA, 583
Coban, Elvin, 257
CobanH10, 17, 45, 646
CobanH11, 125, 156, 646
Codish, Michael, 266
CoDIT, 559
Coffrin, Carleton, 266
Cohen, Eldan, 266
CohenHB17, 12, 45, 646
Cohn, Amy M., 266
Coll Caballero, Jordi, 260
Coll, Jordi, 258
Colombani, Yves, 260
Colombani96, 24, 45, 647
ColT19, 10, 45, 108, 646
ColT2019a, 118, 156, 252, 647
ColT22, 114, 157, 251, 647
column generation, 286
Completion constraint, 323
completion-time, 313
Comput. Aided Civ. Infrastructure Eng., 585
Comput. J., 585
Computers & Chemical Engineering, 586
Computers & Industrial Engineering, 586
Computers & Operations Research, 587
Computers in Railways VIII, 589
Concepts
    Allen's algebra, 311
    batch process, 312
    Benders Decomposition, 311
    bi-objective, 312

bill of material, 312
blocking constraint, 312
BOM, 311
breakdown, 313
buffer-capacity, 313
cmax, 313
completion-time, 313
continuous-process, 313
cyclic scheduling, 313
distributed, 314
due-date, 314
earliness, 314
energy efficiency, 314
explainable, 314
explanation, 315
flow-shop, 315
flow-time, 315
Infeasible, 311
inventory, 315
job-shop, 316
lateness, 316
Logic-Based Benders Decomposition, 311
make to order, 316
make to stock, 316
make-span, 316
manpower, 317
multi-agent, 317
multi-objective, 317
net present value, 317
no preempt, 317
no-wait, 318
one-machine scheduling, 318
online scheduling, 318
open-shop, 318
order scheduling, 318
Over-constrained, 312
Pareto, 312
periodic, 318
planned maintenance, 318
precedence, 319
preempt, 319
preemptive, 319
producer/consumer, 319
re-scheduling, 320
reactive scheduling, 320
release-date, 320
sequence dependent setup, 320
setup-time, 321
single-machine scheduling, 321
single-stage scheduling, 321
stochastic, 321
stock level, 321
sustainability, 321
tardiness, 322
temporal constraint reasoning, 322
transportation, 322
two-machine scheduling, 322
two-stage scheduling, 322
unavailability, 322
Unsatisfiable, 312
conflict-driven clause learning, 286
Console, L., 255, 428
constraint logic programming, 301
Constraint Logic Programming (CLP), 283
constraint optimization, 301
Constraint Optimization Problem (COP), 283
Constraint Programming, 559
constraint programming, 301
Constraint Programming (CP), 283
constraint satisfaction, 302
Constraint Satisfaction Problem (CSP), 283
Constraints
AllDiff constraint, 323
alldifferent, 325
AllDiffPrec constraint, 323
alternative constraint, 325
AlwaysConstant, 323
alwaysEqual constraint, 325
alwaysIn, 325
Among constraint, 323
AmongSeq constraint, 323
Arithmetic constraint, 323
Atmost constraint, 323
AtMostSeq, 323
AtMostSeqCard, 323
Balance constraint, 323
bin-packing, 325
BinPacking constraint, 323
Blocking constraint, 323
BufferedResource, 323
Calendar constraint, 323
Cardinality constraint, 323
CardPath, 323
Channeling constraint, 323
circuit, 326
Completion constraint, 323
cumulative, 326
CumulativeCost, 323
Cumulatives constraint, 324
cycle, 326
Diff2 constraint, 324
diffn, 326
disjunctive, 327
Disjunctive constraint, 324
Element constraint, 324
endBeforeStart, 327
Flowtime constraint, 324
GCC constraint, 324
GeneralizedAllDiffPrec, 324
geost, 327
IloAlternative, 324
IloAlwaysIn, 324
IloForbidEnd, 324
IloNoOverlap, 324
IloPack, 324
IloPulse, 324
MinWeightAllDiff, 324
MultiAtMostSeqCard, 324
noOverlap, 327
PreemptiveNoOverlap, 324

Pulse constraint, 324
Regular constraint, 324
regular expression, 327
Reified constraint, 325
RelSoftCumulative, 325
RelSoftCumulativeSum, 325
SoftCumulative, 325
SoftCumulativeSum, 325
span constraint, 327
table constraint, 327
TaskIntersection constraint, 325
UTVPI constraint, 325
WeightAllDiff, 325
WeightedSum, 325
WeightedTaskSum, 325
Constraints An Int. J., 589
container terminal, 292
Contejean, E, 266
CONTESSA, 547
Continuous Energy-Constrained Scheduling Problem (CECSP), 283
continuous-process, 313
Control Engineering Practice, 591
control system industry, 328
COP, 300
COP (Constraint Optimization Problem), 283
Cornelissens, Trijntje, 266
Coronavirus disease (COVID), 283
CoRR, 584
CorreaLR07, 127, 157, 647
Corréa, Ayoub Insa, 266
Cortellessa, Gabriella, 260
COVID, 291
COVID (Coronavirus disease), 283
CP, 300, 547
CLP, 300
constraint logic programming, 301
constraint optimization, 301
constraint programming, 301
constraint satisfaction, 302
COP, 300
CP, 300
CSP, 301
propagation, 302
CP (Constraint Programming), 283
CPAIOR, 553
Cplex, 304
CPO, 303
CPSystems
CHIP, 303
Choco Solver, 303
Chuffed, 303
Claire, 303
Cplex, 304
CPO, 303
ECLiPSe, 304
Gecode, 304
Gurobi, 304
Ilog Scheduler, 304
Ilog Solver, 305
MiniZinc, 305
Mistral, 305
OPL, 305
OR-Tools, 305
OZ, 305
SCIP, 306
SICStus, 306
Z3, 306
CrawfordB94, 25, 45, 647
crew-scheduling, 292
CSCLP, 557
CSE, 558
CSP, 301
CSP (Constraint Satisfaction Problem), 283
CSPlib, 297
CTW, 307
CTW (Cable Tree Wiring Problem), 283
cumulative, 326
Cumulative Scheduling Problem (CuSP), 283
CumulativeCost, 323
Cumulatives constraint, 324
Cuneo, Nicolás, 266
CuSP, 307
CuSP (Cumulative Scheduling Problem), 283
cutting industry, 328
cycle, 326
Cyclic Hoist Scheduling Problem (CHSP), 283
cyclic scheduling, 313
Czerniachowska, Kateryna, 266
CzerniachowskaWZ23, 112, 157, 647

Da Col, Giacomo, 257
dairies, 292
dairy, 292
dairy industry, 328
Damay, Jean, 266
Danna, Emilie, 260
DannaP03, 21, 46, 647
DannaP04, 537, 647
Darby-Dowman, Ken, 260
Darby-DowmanLMZ97, 131, 158, 254, 647
DarbyDowmanL98, 131, 647
datacenter, 292
datacentre, 292
Dauzère-Pérès, Stéphane, 260
Davenport, Andrew J., 257, 477
Davenport10, 17, 46, 647
DavenportKRSH07, 19, 46, 647
Davis, Ernest, 266
Davis, Eugene D., 266
Davis87, 132, 158, 647
day-ahead market, 292
DC SIAAI, 559
de Abreu, Levi Ribeiro, 258
de Athayde Prata, Bruno, 280
De Clercq, Alexis, 260
De Smedt, Vivian, 277
de Souza, C.C., 259
de Souza, Cid Carvalho, 277
de Weerdt, Mathijs, 279

Dechter, Rina, 266
DECISION SUPPORT SYSTEMS, 591
deep learning, 286
deep space, 292
Dejemeppe, Cyrille, 257, 499
Dejemeppe16, 519, 524, 647
DejemeppeCS15, 13, 46, 109, 648
DejemeppeD14, 14, 46, 109, 648
Del Valle, Carmelo, 278
Dell'Amico, Mauro, 260
Demassey, Sophie, 257, 500
Demassey03, 520, 525, 648
DemasseyAM05, 128, 158, 648
DemirovicS18, 11, 47, 648
Demirović, Emir, 266
Derrien, Alban, 258
Derrien15, 519, 525, 648
DerrienP14, 14, 47, 648
DerrienPZ14, 14, 47, 648
Desmond, Daniel, 260
Deville, Yves, 257, 485
Di Alesio, Stefano, 264
Di Cosmo, Roberto, 266
Diepen, Guido, 266
Diff2 constraint, 324
diffn, 326
Dilkina, Bistra, 260
DilkinaDH05, 20, 47, 648
DilkinaH04, 21, 47, 648
DIMACS, 560
Dincbas, Mehmet, 260
DincbasS91, 25, 47, 648
DincbasSH90, 132, 158, 648
Ding, Chris, 266
Discrete Applied Mathematics, 592
Discrete Dynamics in Nature and Society, 592
Discrete Optimization, 592
disjunctive, 327
Disjunctive constraint, 324
dismantling industry, 328
Disser, Yann, 266
distributed, 314
Djamegni, Clémentin Tayou, 260
Do, Minh, 258
Dolgui, Alexandre, 266
Domdorf, Ulrich, 266
DomdorfPH03, 537, 648
Domschke, Wolfgang, 266
Donovan, John, 266
Dooms, Grégoire, 266
DoomsH08, 18, 48, 649
Dorndorf, Ulrich, 258
Dorndorf2000, 130, 158, 649
DorndorfHP99, 538, 649
DorndorfPH99, 23, 649
DoRZ08, 18, 47, 648
DoulabiRP14, 14, 48, 649
DoulabiRP16, 122, 159, 649
Dovier, Agostino, 266
Down, Doug, 258
Doğru, Mustafa K., 266
Drake, John H., 267
Drake, John. H., 267
DraperJCJ99, 23, 48, 649
drawing industry, 328
Drejhammar, Frej, 267
drone, 292
DSD, 560
Du, Yuquan, 260
Duan, Lei, 267
Dubois, Didier, 267
due-date, 314
Dullaert, Wout, 267
Dupont, Pierre, 267
Duvivier, David, 258
Déplanche, Anne-Marie, 267

earliness, 314
earth observation, 292
Earth Observation Scheduling Problem, 307
Earth Observation Scheduling Problem (EOSP), 283
earth orbit, 292
Easton, Kelly, 267
EastonNT02, 22, 48, 649
ECAI, 560
ECC, 561
Ecker, Klaus H., 267
ECLiPSe, 304
edge-finder, 286
edge-finding, 286
Edis, Emrah B., 258
Edis21, 116, 159, 649
EdisO11, 16, 48, 649
EdisO11a, 125, 649
Edwards, Steven J., 267
EdwardsBSE19, 119, 649
Efthymiou, Nikolaos, 267
EfthymiouY23, 7, 49, 106, 649
Egilmez, Gokhan, 267
Egri, Péter, 267
Ejlertsen, Lena Secher, 267
El Fallahi, Abdellah, 266
ElciOH22, 114, 159, 649
electricity industry, 328
Electronic Notes in Discrete Mathematics, 593
Electronic Proceedings in Theoretical Computer Science, 593
electronics industry, 328
electroplating, 292
electroplating industry, 328
Element constraint, 324
Elf, Matthias, 267
ElfJR03, 129, 159, 650
ElhouraniDM07, 19, 49, 650
Elkhyari, Abdallah, 258
Elkhyari03, 520, 525, 650
ElkhyariGJ02, 22, 49, 650
ElkhyariGJ02a, 22, 49, 650
Eltawil, Amr, 267

El Hachemi, Nizar, 269
Elçi, Özgün, 267
Emde, Simon, 267
EmdeZD22, 114, 160, 251, 650
Emeretlis, Andreas, 267
EmeretlisTAV17, 121, 161, 650
emergency service, 292
endBeforeStart, 327
energetic reasoning, 286
energy efficiency, 314
energy industry, 328
energy-price, 292
Eng. Appl. Artif. Intell., 593
Engell, Sebastian, 260
Engineering Optimization, 594
Enqvist, Per, 267
EOSP, 307
EOSP (Earth Observation Scheduling Problem), 283
ERCIM/CologNet, 561
Eremin, Andrew, 267
EreminW01, 22, 49, 650
Eren, Tamer, 260
Erkinger, Christoph, 267
ErkingerM17, 12, 50, 650
Ernst, Andreas, 258, 267
Ertl, M. Anton, 267
ErtlK91, 25, 50, 650
Escamocher, Guillaume, 260
ESCAPE, 561
Escobet, T., 267
EscobetPQPRA19, 119, 161, 650
Esfahani, Ehsan T., 267
EskeyZ90, 25, 50, 650
Espasa, Joan, 267
Espinouse, Marie-Laure, 267
Esquirol, Patrick, 267
EsquirolLH2008, 539, 650
Essodaigui, Siham, 260
Etminaniesfahani, Alireza, 267
EtminaniesfahaniGNMS22, 114, 162, 650
Eur. J. Control, 594
EUROCAST, 562
EUROMICRO, 562
European Journal of Operational Research, 595
evacuation, 292
Even, Caroline, 260
EvenSH15, 13, 50, 651
EvenSH15a, 122, 162, 651
evolutionary computing, 286
Expert Systems with Applications, 597
explainable, 314
explanation, 315

Fachini, Ramon Faganello, 267
FachiniA20, 117, 162, 252, 651
Fahimi, Hamed, 258
Fahimi16, 519, 526, 651
FahimiOQ18, 120, 163, 253, 651
FahimiQ23, 112, 651
Falaschi, Moreno, 267
FalaschiGMP97, 131, 163, 651
FallahiAC20, 117, 163, 252, 651
Falque, Thibault, 267
FalqueALM24, 7, 50, 106, 651
Fan, Huali, 267
FanXG21, 116, 164, 651
Fargier, Hélène, 267
farming, 292
Farsi, Azadeh, 260
FarsiTM22, 114, 164, 251, 651
fashion industry, 328
Fatemi-Anaraki, Soroush, 267
Fatemi-AnarakiTFV23, 112, 165, 250, 651
Fazel Zarandi, M. H., 279
Fazel Zarandi, Mohammad Hossein, 280
Fazel-Zarandi, Mohammad M., 267
Feillet, Dominique, 258
FeldmanG89, 25, 50, 651
FelizariAL09, 17, 651
Feng, T. K., 267
FetgoD22, 114, 165, 652
Feydy, Thibaut, 256, 468
Feyzmahdavian, Hamid Reza, 267
Fioretto, Ferdinando, 267
Fixed Job Scheduling, 307
Fixed Job Scheduling (FJS), 283
FJS, 307
FJS (Fixed Job Scheduling), 283
Flener, Pierre, 267
flow-shop, 315
flow-time, 315
Flowtime constraint, 324
Focacci, F., 267
FocacciLN00, 23, 51, 652
Fog-IoT, 563
Fontaine, Daniel, 267
FontaineMH16, 12, 51, 652
Fontana, Urs, 267
food industry, 328
food-processing industry, 328
Forbes, M.A., 267
ForbesHJST24, 112, 165, 250, 652
forest industry, 328
forestry, 292
forging industry, 328
Formisano, Andrea, 268
Fortin, Jérôme, 268
FortinZDF05, 20, 51, 652
Fotso, Laure Pauline, 258
Foumani, Mehdi, 268
foundry industry, 328
Fowler, John W., 268
Fox, Mark S., 256, 455
FoxAS82, 25, 51, 652
FoxS90, 25, 52, 652
Framinan, Jose M., 268
Francois, P., 268
Frank, Jeremy, 257, 486
FrankDT16, 12, 52, 652

FrankK03, 21, 52, 652
FrankK05, 20, 52, 652
Freuder, Eugene C., 260
Friedrich, Gerhard, 260
FriedrichFMRSST14, 14, 652
Frimodig, Sara, 260
FrimodigECM23, 112, 166, 652
FrimodigS19, 10, 52, 108, 652
Froger16, 519, 527, 652
Frohner, Nikolaus, 268
FrohnerTR19, 10, 53, 653
Frontiers of Mechanical Engineering in China, 597
Frost, Daniel, 268
FrostD98, 23, 53, 653
Frühstück, Melanie, 268
FSKD, 562
Fu, Jun, 268
FukunagaHFAMN02, 22, 53, 653
Furman, K.C., 268
Furnon, Vincent, 268
Fux, Etienne, 268
FUZZ-IEEE, 562

Gabbrielli, Maurizio, 258
Galinier, Philippe, 268
Galleguillos, Cristian, 268
GalleguillosKSB19, 10, 53, 108, 653
Gamache, Michel, 261
Gange, Graeme, 268
Gao, Kaizhou, 268
Garaix, T., 268
Garcia de la Banda, Maria, 264
Garcia, Marc, 259
Gargani, Antoine, 268
GarganiR07, 19, 53, 653
garment industry, 328
Garraffa, Michele, 259
Garrido, Antonio, 261
GarridoAO09, 127, 166, 653
GarridoOS08, 127, 166, 653
gas industry, 328
Gasca, Rafael M., 268
Gaudin, Etienne, 268
Gaudreault, Jonathan, 268
Gay, Steven, 258
GayHLS15, 13, 53, 109, 653
GayHS15, 13, 53, 109, 653
GayHS15a, 13, 53, 109, 653
GaySS14, 14, 54, 653
GCC constraint, 324
GCC constraint (global cardinality constraint), 283
GCSP, 307
GCSP (Group Cumulative Scheduling Problem), 283
Gebser, Martin, 259
GECCO, 563
Gecode, 304
Gedik, Ridvan, 261
GedikKBR17, 121, 166, 653
GedikKEK18, 120, 166, 653
Geibinger, Tobias, 258
GeibingerKKMMW21, 9, 54, 107, 653
GeibingerMM19, 10, 54, 654
GeibingerMM21, 9, 54, 107, 654
Geitz, Marc, 268
GeitzGSSW22, 8, 55, 106, 654
Gelain, Mirco, 268
GelainPRVW17, 12, 55, 654
Gen, Mitsuo, 268
Gendreau, Michel, 261
GeneralizedAllDiffPrec, 324
generated instance, 297
genetic algorithm, 287
Gentina, Jean-Claude, 259
George, Anne-Marie, 261
geost, 327
Gerhards, Patrick, 268
German18, 519, 527, 654
Geske, Ulrich, 268
Geske05, 20, 55, 654
GetoorOFC97, 24, 55, 654
Ghandehari, Najmeh, 268
GhandehariK22, 114, 167, 654
Ghasemi, Shirin, 268
GhasemiMH23, 112, 654
Gheith, Mohamed, 268
Giles, Katherine, 268
GilesH16, 12, 56, 654
Gingras, Vincent, 261
GingrasQ16, 12, 56, 654
Giráldez-Cru, Jesús, 268
github, 298
gitlab, 298
glass industry, 328
global cardinality constraint (GCC constraint), 283
GlobusCLP04, 21, 56, 654
Glorian, Gaël, 261
GodardLN05, 20, 56, 654
Godet, Arthur, 261
Godet21a, 519, 528, 654
GodetLHS20, 9, 56, 108, 655
Goel, V., 268
GoelSHFS15, 122, 167, 655
Goh, Mark, 268
GokGSTO20, 9, 56, 655
GokgurHO18, 120, 168, 655
Gokhale, M., 268
GokPTGO23, 113, 167, 250, 655
Goldwaser, Adrian, 261
GoldwaserS17, 12, 57, 109, 655
GoldwaserS18, 120, 168, 253, 655
Goltz, Hans-Joachim, 268
Goltz95, 24, 57, 655
Gombolay, Matthew C., 268
GombolayWS18, 120, 169, 655
Gomes, Francisco Regis Abreu, 268
GomesHS06, 19, 57, 655
GomesM17, 121, 169, 655

Gondran, M., 268
Gong, Jing, 269
GongLMW09, 537, 655
González-Rodríguez, Inés, 269
Goossens, Dries, 269
GOR, 563
Gotlieb, Arnaud, 259
Goycoolea, Marcos, 269
GRASP, 285
GRASP (Greedy Randomized Adaptive Search Procedure), 283
Greedy Randomized Adaptive Search Procedure (GRASP), 283
GreenCom, 564
Grimes, Diarmuid, 257, 478
GrimesH10, 17, 57, 655
GrimesH11, 16, 57, 655
GrimesH15, 122, 170, 656
GrimesHM09, 17, 57, 656
GrimesIOS14, 123, 170, 656
Groleaz, Lucas, 259
Groleaz21, 519, 529, 656
GroleazNS20, 9, 58, 108, 656
GroleazNS20a, 9, 58, 108, 656
Gronkvist06, 128, 170, 656
Grossman, Ignacio E., 269
Grossmann, Ignacio E., 257, 479
Group Cumulative Scheduling Problem (GCSP), 283
Grozea, Cristian, 269
Gruian, F., 269
GruianK98, 23, 58, 656
Grönkvist, Mattias, 269
Gu, Hanyu, 257, 501
Guan, Zailin, 269
Guerri, Alessio, 259
Gueye, Serigne, 269
Guimarans, Daniel, 261
GunerGSKD23, 113, 656
Guo, Peng, 269
Guo, Penghui, 269
Guo, Xiwang, 269
GUO, Zhe, 269
GuoHLW20, 117, 656
GuoZ23, 113, 171, 250, 656
GurEA19, 119, 171, 657
Gurobi, 304
GurPAE23, 113, 171, 250, 657
Gusikhin, Oleg, 269
GuSS13, 15, 58, 109, 656
GuSSWC14, 537, 656
GuSW12, 15, 58, 656
Guyon, Olivier, 269
GuyonLPR12, 124, 172, 657
Guéret, Christelle, 258, 269
Gzara, Fatma, 269
Gök, Yagmur S., 268
Gökgür, Burak, 269
Görür, Abdül K., 268
Güner, Funda, 268
Gür, Şeyda, 269

HachemiGR11, 125, 172, 657
Hadzic, Tarik, 269
Ham, Andy, 257, 487
Ham, Andy M., 261
Ham18, 120, 172, 657
Ham18a, 120, 173, 657
Ham20, 117, 657
Ham20a, 117, 173, 657
HamC16, 122, 173, 657
Hamdi, Imen, 269
HamdiL13, 15, 59, 657
HamFC17, 121, 173, 657
Hamid, Mahdi, 269
HamP21, 116, 174, 251, 657
HamPK21, 116, 174, 251, 657
Hamscher91, 25, 59, 657
Hanen, Claire, 269
HanenKP21, 9, 59, 107, 658
Hanhilammi, Sue, 269
Hanset, Arnauld, 272
Hanzálek, Zdeněk, 257, 269, 480
Haouari, Mohamed, 269
Harjunkoski, Iiro, 259
HarjunkoskiG02, 129, 174, 658
HarjunkoskiJG00, 130, 174, 658
HarjunkoskiMBC14, 123, 175, 658
Harris, M.G., 269
Hartert, Renaud, 259
Hartl, Richard F., 261
Hashemi Doulabi, Seyed Hossein, 260
Hashim, Fazirulhisyam, 269
Hasseb, Muhammad, 269
Hauder, Viktoria A., 261
HauderBRPA20, 118, 176, 252, 658
Havens, William S., 261
Haït, Alain, 269
He, Shan, 269
He, Xun, 269
He0GLW18, 11, 59, 109, 658
Heating Ventilation Air-Conditioning (HVAC), 283
heavy industry, 328
Hebrard, Emmanuel, 255, 443
HebrardALLCMR22, 8, 59, 658
HebrardHJMPV16, 122, 176, 658
HebrardTW05, 20, 59, 658
Heching, Aliza, 269
HechingH16, 13, 60, 658
HechingHK19, 119, 658
Heckman, Ivan, 269
HeckmanB11, 125, 176, 658
Heinz, Stefan, 257, 488
Heinz, Vilém, 261
HeinzB12, 15, 60, 658
HeinzKB13, 15, 60, 658
HeinzNVH22, 114, 177, 251, 659
HeinzS11, 16, 60, 659
HeinzSB13, 124, 177, 253, 659

HeinzSSW12, 124, 177, 253, 659
HeipckeCCS00, 130, 177, 254, 659
Henneman, Philip L., 269
Henning, G., 256, 469
HentenryckM04, 21, 61, 659
HentenryckM08, 18, 61, 659
Henz, Martin, 261
Henz01, 129, 659
HenzMT04, 128, 177, 659
Hermenier, Fabien, 269
HermenierDL11, 16, 61, 659
Herzog, Florian, 269
Heus, K., 269
HFF, 307
HFF (Hybrid Flexible Flow-shop), 283
HFFTT, 307
HFFTT (Hybrid Flexible Flowshop with Transportation Times), 283
HFS, 307
HFS (Hybrid Flow-shop Problem), 283
Hiermann, Gerhard, 269
high performance computing, 292
high school timetabling, 292
Hijazi, Hassan, 269
Hill, Alessandro, 261
HillBCGN22, 115, 659
HillTV21, 9, 61, 107, 659
Hladik, Pierre-Emmanuel, 261
HladikCDJ08, 127, 178, 659
HM, 564
Hnich, Brahim, 257, 489
Ho, Te-Wei, 269
HoeveGSL07, 19, 61, 660
Hofstedt, Petra, 259
hoist, 292
Hoogeveen, J. A., 270
Hooker, J.N., 255, 434
Hooker00, 518, 660
Hooker02, 129, 660
Hooker04, 21, 62, 660
Hooker05, 128, 178, 254, 660
Hooker05a, 20, 62, 660
Hooker05b, 20, 62, 660
Hooker06, 128, 178, 254, 660
Hooker06a, 537, 660
Hooker07, 128, 179, 660
Hooker10, 537, 660
Hooker17, 12, 62, 660
Hooker19, 539, 540, 660
HookerH17, 121, 179, 660
HookerO03, 129, 180, 661
HookerO99, 130, 180, 661
HookerOTK00, 130, 180, 661
HookerY02, 22, 62, 661
Horváth, Markó, 270
Hou, John, 270
Houndji, Vinasétan Ratheil, 261
HoundjiSW19, 119, 180, 252, 661
HoundjiSWD14, 14, 63, 109, 661
Houssin, Laurent, 258
HoYCLLCLC18, 11, 61, 659
Huang, Guoyu, 270
Hubbard, Peter M., 270
HubnerGSV21, 116, 181, 661
Huguet, Marie-José, 259
Huguet, Marie-José, 261
Hunsberger08, 18, 63, 661
Hurley, Barry, 261
HurleyOS16, 539, 540, 661
Huy, Toàn Phan, 261
Huy, Toän Phan, 270
HVAC, 291
HVAC (Heating Ventilation Air-Conditioning), 283
Hybrid Flexible Flow-shop (HFF), 283
Hybrid Flexible Flowshop with Transportation Times (HFFTT), 283
Hybrid Flow-shop Problem (HFS), 283
Hübner, Felix, 270
H'Mida, Fehmi, 269
Iatauro, Michael J., 270
ICAART, 564
ICAPS, 564
ICCL, 565
ICMSAO, 566
ICNC, 566
ICNSC, 566
ICORES, 567
ICPADS, 567
ICPC, 567
ICRA, 567
ICROMA, 568
ICTAI, 568
IDC, 569
IEEE Engineering in Medicine and Biology Magazine, 597
IEEE International Conference on Automation and Logistics, 569
IEEE LATIN AMERICA TRANSACTIONS, 598
IEEE Robotics and Automation Letters, 598
IEEE Transactions on Automation Science and Engineering, 598
IEEE Transactions on Computers, 599
IEEE Transactions on Robotics, 599
IEEE Transactions on Semiconductor Manufacturing, 599
IESM, 569
IET Collaborative Intelligent Manufacturing, 600
IFAC Proceedings Volumes, 600
Ifrim, Georgiana, 261
IfrimOS12, 16, 63, 661
IGT, 285
IGT (Improved Guo Tao algorithm), 283
IJCAI, 569
Iklassov, Zangir, 270
IklassovMR023, 7, 63, 106, 661
IloAlternative, 324
IloAlwaysIn, 324
IloForbidEnd, 324
Ilog Scheduler, 304

Ilog Solver, 305
IloNoOverlap, 324
IloPack, 324
IloPulse, 324
ILPS, 571
Improved Guo Tao algorithm (IGT), 283
INAP, 571
Indian Journal of Pure and Applied Mathematics, 602
Industrial & Engineering Chemistry Research, 603
industrial instance, 298
industrial partner, 298
Industries
    aerospace industry, 328
    agricultural industry, 328
    agrifood industry, 328
    airline industry, 328
    automobile industry, 328
    automotive industry, 328
    aviation industry, 328
    cable industry, 328
    carpet industry, 328
    chemical industry, 328
    chemical processing industry, 328
    chemistry industry, 328
    chips industry, 328
    circuit boards industry, 328
    control system industry, 328
    cutting industry, 328
    dairy industry, 328
    dismantling industry, 328
    drawing industry, 328
    electricity industry, 328
    electronics industry, 328
    electroplating industry, 328
    energy industry, 328
    fashion industry, 328
    food industry, 328
    food-processing industry, 328
    forest industry, 328
    forging industry, 328
    foundry industry, 328
    garment industry, 328
    gas industry, 328
    glass industry, 328
    heavy industry, 328
    insulation industry, 328
    IT industry, 328
    lumber industry, 328
    manufacturing industry, 328
    maritime industry, 329
    metal industry, 329
    mineral industry, 329
    mining industry, 329
    oil industry, 329
    packaging industry, 329
    painting industry, 329
    paper industry, 329
    petro-chemical industry, 329
    pharmaceutical industry, 329
    potash industry, 329
    power industry, 329
    printing industry, 329
    process industry, 329
    processing industry, 329
    railway industry, 329
    repair industry, 329
    retail industry, 329
    semiconductor industry, 329
    semiprocess industry, 329
    service industry, 329
    ship repair industry, 329
    shipping industry, 329
    software industry, 329
    solar cell industry, 329
    steel industry, 329
    sugar industry, 329
    taxi industry, 329
    telecommunication industry, 329
    textile industry, 329
    tire industry, 329
    tourism industry, 329
    trade industry, 329
    transportation industry, 329
    wind industry, 329
industry partner, 298
Inf. Comput., 603
Infeasible, 311
INFORMS Journal on Computing, 600
INFORMS Journal on Optimization, 602
instance generator, 298
insulation industry, 328
Int. J. Adv. Intell. Paradigms, 603
Int. J. Artif. Intell. Tools, 604
Int. J. Comput. Integr. Manuf., 604
Int. J. Electron. Secur. Digit. Forensics, 604
Int. J. Intell. Inf. Database Syst., 605
Int. J. Netw. Comput., 605
Int. J. Parallel Emergent Distributed Syst., 605
Inteligencia Artif., 606
Intelligent Systems Engineering, 606
Intelligenza Artificiale, 606
International Journal of Applied Management Science, 606
International Journal of Industrial Engineering: Theory, Applications and Practice, 607
International Journal of Management Science and Engineering Management, 607
International Journal of Production Economics, 607
International Journal of Production Research, 608
International Journal of Systems Science: Operations & Logistics, 609
INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH, 602
inventory, 315
IPDPS, 572
ISCA, 572
IsikYA23, 113, 181, 250, 661
ISMIS, 572

IT industry, 328
Ivanović, Mirjana, 261
Işık, Eyüp Ensar, 270

J. Artif. Intell. Res., 609
J. Heuristics, 609
J. Supercomput., 610
J. Syst. Archit., 610
Jain, A.S., 270
Jain, Vipul, 261
JainG01, 129, 182, 661
JainM99, 130, 182, 661
Jans, Raf, 261
Jans09, 127, 182, 662
Jansen, H.M., 270
Jaubert, Jean, 270
JelinekB16, 13, 63, 662
Jelínek, Jan, 270
Ji, Yingjun, 270
Jia, Zixi, 270
Jiang, Yunfei, 270
Jin, Yue, 270
job, 330
job-shop, 316
Job-Shop Scheduling Problem (JSSP), 283
Job-Shop Scheduling Problem with Transportation (JSPT), 283
Johansson, Mikael, 257, 503
Johnston, Mark D., 259
Johnston05, 20, 63, 662
Joliveau, Marc, 270
JoLLH99, 23, 63, 662
Jonsson, Peter, 270
Jouglet, A., 270
Jouglet, Antoine, 261
JourdanFRD94, 25, 662
Journal Européen des Systèmes Automatisés, 610
Journal of Applied Mathematics, 611
Journal of Intelligent Manufacturing, 611
Journal of Manufacturing Systems, 611
Journal of Marine Science and Engineering, 612
Journal of Mathematical Modelling and Algorithms, 612
Journal of Scheduling, 612
Journal of Systems and Software, 613
Journal of the Operational Research Society, 614
Jozefowiez, Nicolas, 270
JSPT, 307
JSPT (Job-Shop Scheduling Problem with Transportation), 283
JSSP, 308
JSSP (Job-Shop Scheduling Problem), 283
Jung, Jae-Yoon, 270
Jungblut, Pascal, 270
JungblutK22, 8, 64, 107, 662
Junker00, 23, 64, 662
Jussien, Narendra, 256, 464
JussienL02, 129, 183, 662
Juvin, Carla, 258
JuvinHHL23, 7, 64, 106, 662
JuvinHL22, 115, 183, 662
JuvinHL23, 7, 64, 106, 662
JuvinHL23a, 113, 183, 662
Jónsson, Ari K., 261
Jünger, Michael, 270

Kalagnanam, Jayant, 270
Kalathia, Darshan, 270
Kalton, Annaka, 270
Kamarainen, Olli, 270
KamarainenS02, 22, 64, 662
Kameugne, Roger, 256, 470
Kameugne14, 520, 529, 662
Kameugne15, 122, 184, 253, 663
KameugneF13, 124, 184, 663
KameugneFGOQ18, 11, 65, 663
KameugneFND23, 7, 65, 106, 663
KameugneFSN11, 16, 65, 663
KameugneFSN14, 123, 184, 253, 663
Kandil, Amr A., 270
Kandiller, Levent, 270
KanetAG04, 539, 541, 663
Kasper, Thomas, 270
Kay, P., 270
Kelareva, Elena, 270
KelarevaTK13, 15, 65, 109, 663
Kelbel, Jan, 270
KelbelH11, 125, 184, 663
Kendall, Graham, 270
KendallKRU10, 126, 184, 663
KengY89, 25, 65, 663
KeriK07, 19, 66, 663
kernel resource feasibility problem (KRFP), 283
KES, 572
Khan, Abdullah Ayub, 270
Khayat, Ghada El, 270
KhayatLR06, 128, 185, 663
Khemmoudj, Mohand Ou Idir, 271
KhemmoudjPB06, 19, 66, 663
Khorshidian, H., 271
Kianfar, Kamran, 261
Kilby, Philip, 271
Kim, Dongyun, 271
Kim, H. J., 271
KIM, HAK-JIN, 271
Kim, Kyung Min, 271
KimCMLLP23, 7, 66, 106, 664
Kimura, Ryo, 271
Kinsella, Alan, 271
KinsellaS0OS16, 13, 66, 664
Kirac, Emre, 261
Kis, Tamás, 258
Kizilay, Damla, 259
KizilayC20, 118, 664
Kiziltan, Zeynep, 271
Klanke, Christian, 271
KlankeBYE21, 9, 66, 108, 664
Kletzander, Lucas, 258
KletzanderM17, 12, 66, 664
KletzanderM20, 9, 67, 664

KletzanderMH21, 9, 67, 664
Knowl. Eng. Rev., 614
Knust, Sigrid, 261
Koch, Thorsten, 271
Koehler, Jana, 271
KoehlerBFFHPSSS21, 116, 185, 252, 664
Kolisch, Rainer, 271
Konowalenko, Flávia, 271
KonowalenkoMM19, 119, 185, 664
Korbaa, Ouajdi, 259
KorbaaYG00, 130, 185, 664
KorbaaYG99, 23, 67, 664
Kordon, Alix Munier, 271
Kosch, Sebastian, 271
KoschB14, 14, 67, 664
Kotary, James, 271
KotaryFH22, 8, 68, 107, 664
KovacsB07, 19, 68, 664
KovacsB08, 127, 185, 665
KovacsB11, 125, 186, 254, 665
KovacsEKV05, 20, 68, 665
KovacsK11, 125, 186, 254, 665
KovacsTKSG21, 9, 68, 108, 665
KovacsV04, 21, 68, 665
KovacsV06, 19, 69, 665
Kovács, András, 257, 481
KR, 573
Krainz, Matthias, 271
Krall, Andreas, 271
Kranzlmuller, Dieter, 271
Kress, Dominik, 271
Kreter, Stefan, 259
KreterSS15, 13, 69, 665
KreterSS17, 121, 187, 253, 665
KreterSSZ18, 120, 187, 665
Kreuger, Per, 261
KRFP, 308
KRFP (kernel resource feasibility problem), 283
KrogtLPHJ07, 19, 69, 665
Ku, Wen-Yang, 261
KuB16, 122, 187, 665
Kuchcinski, K., 258
Kuchcinski03, 129, 187, 665
KuchcinskiW03, 129, 188, 665
Kucuk, Mustafa, 271
KucukY19, 10, 69, 666
Kumar, Akshat, 261
Kumar, T. K. Satish, 271
Kumar03, 22, 69, 666
KusterJF07, 19, 70, 666
Kéri, András, 271
Kürklü, Elif, 259

La, Hoang Trung, 271
Laborie, Philippe, 256, 449
Laborie03, 129, 188, 666
Laborie05, 20, 70, 666
Laborie09, 17, 70, 666
Laborie18a, 11, 70, 666
LaborieR14, 123, 188, 666
LaborieRSV18, 120, 189, 253, 666
Lackner, Marie-Louise, 261
LacknerMMWW21, 9, 71, 108, 666
LacknerMMWW23, 113, 190, 250, 666
Lacomme, P., 271
Lagrangian relaxation, 285
Lahimer, Asma, 271
LahimerLH11, 16, 71, 666
Lai, Feipei, 271
Lai, Jui-Fen, 271
Laird, Philip, 261
Lallouet, Arnaud, 261
Lamma, E., 261
LammaMM97, 131, 190, 666
Lamorgese, Leonardo, 271
Lange, Ralph, 261
Langevin, André, 258
large neighborhood search, 287
Larson, Jeffrey, 261
LarsonJC14, 14, 71, 666
lateness, 316
Lau, Hoong Chuin, 259
LauLN08, 18, 71, 667
Layfield02, 520, 529, 667
Lazarev, Alexander, 271
lazy clause generation, 287
le Pape, Claude, 256, 453
Lecoutre, Christophe, 261
Lee, Earl E., 271
Lee, Kangbok, 271
Lee, Myungho, 271
LeeKLKKYHP97, 24, 71, 667
Legeard, B., 261
Lemai-Chenevier, Solange, 271
Lemaire, Pierre, 261
Lemaître, Michel, 261
Lemos21, 519, 530, 667
Letort, Arnaud, 258
Letort13, 520, 530, 667
LetortBC12, 16, 71, 667
LetortCB13, 15, 71, 109, 667
LetortCB15, 122, 190, 253, 667
Lhomme, Olivier, 271
Li, Haitao, 272
Li, Heyse, 272
Li, Hong, 272
Li, Junqing, 272
Li, Longkang, 272
Li, Nan, 272
Li, Siyi, 272
Li, Xingyang, 271
Li, Xueping, 272
Li, Yunbo, 272
Li, Zixiang, 272
Liang, Siyuan, 272
Liao, Wan-Chung, 272
Liebman, Ariel, 272
Liess, Olivier, 272
LiessM08, 127, 191, 667
LiFJZLL22, 8, 72, 107, 667

LiLZDZW24, 7, 72, 106, 667
Lim, Andrew, 261
Lim, BoonPing, 259
LimAHO02a, 22, 72, 667
LimBTBB15, 13, 72, 667
LimBTBB15a, 13, 73, 668
LimHTB16, 13, 73, 668
LimRX04, 21, 73, 668
Limtanyakul, Kamol, 261
Limtanyakul07, 19, 73, 668
LimtanyakulS12, 124, 191, 253, 668
Lin, Yiqing, 261
Liner Shipping Fleet Repositioning Problem, 308
Liner Shipping Fleet Repositioning Problem (LSFRP), 283
LION, 573
Lipovetzky, Nir, 261
LipovetzkyBPS14, 14, 73, 668
Little, James, 259
Liu, Ke, 259
Liu, Lingxuan, 272
Liu, Rengkui, 272
LIU, Shi-Xin, 272
Liu, Shixin, 259
Liu, Shu-Shun, 272
Liu, Tong, 272
Liu, Yuechang, 272
LiuCGM17, 12, 73, 109, 668
LiuGT10, 126, 668
LiuJ06, 19, 74, 668
LiuLH18, 11, 74, 668
LiuLH19, 10, 74, 668
LiuLH19a, 10, 74, 668
LiuW11, 125, 191, 668
LiW08, 127, 190, 667
Lo Bianco, Giovanni, 265
Logic-Based Benders Decomposition, 311
Logofătu, Doina, 272
Lombardi, Michele, 255, 430
Lombardi10, 520, 531, 668
LombardiBM15, 13, 74, 669
LombardiBMB11, 16, 74, 669
LombardiM09, 17, 75, 669
LombardiM10, 17, 75, 669
LombardiM10a, 126, 192, 669
LombardiM12, 124, 193, 254, 669
LombardiM12a, 124, 193, 669
LombardiM13, 15, 75, 669
LombardiMB13, 124, 194, 669
LombardiMRB10, 126, 194, 669
Lopes, Tony M.T., 259
LopesCSM10, 126, 195, 254, 669
Lopez, Pierre, 255, 439
LopezAKYG00, 130, 195, 669
Lorca, Xavier, 261
Lorigeon, T, 272
LorigeonBB02, 129, 195, 669
Louie, Wing-Yue Geoffrey, 272
LouieVNB14, 15, 75, 669
Loukil, Taicir, 272
Lozano, Roberto Castañeda, 272
LozanoCDS12, 16, 75, 670
LPNMR, 573
LSFRP, 308
LSFRP (Liner Shipping Fleet Repositioning Problem), 283
Lu, Chao, 272
Lu, Dandan, 272
Lu, Xuan, 272
Luan, Yulin, 272
Ludwig, Jeremy, 272
LudwigKRBMS14, 15, 75, 670
lumber industry, 328
Lunardi, Willian T., 272
Lunardi20, 519, 532, 670
LunardiBLRV20, 118, 196, 252, 670
Luo, Yiqing L., 272
LuoB22, 8, 75, 107, 670
Luong, Curtiss, 261
LuoVLBM16, 13, 76, 670
Lusson, Arnaud, 272
LuZZYW24, 112, 196, 670
Lv, Chang, 261
Lv, Zhimin, 272
Lye, Kong Wei, 272
Löffler, Sven, 261, 272
Lübbecke, Marco E., 272

M. Pour, Shahrzad, 275
M. Riazul Islam, S., 270
Ma, Jun, 272
machine, 330
machine learning, 287
Macpherson, Russell, 272
Madi Wamba, Gilles, 261
Madi-WambaB16, 13, 76, 670
Madi-WambaLOBM17, 12, 76, 670
MagataoAN05, 20, 670
Magatão, Leandro, 272
Maillard, Adrien, 259
Maillard15, 13, 76, 670
maintenance scheduling, 293
Mak, Kai-Ling, 272
make to order, 316
make to stock, 316
make-span, 316
MakMS10, 17, 76, 670
Malapert, Arnaud, 256, 471
Malapert11, 520, 533, 670
MalapertCGJLR12, 124, 197, 670
MalapertCGJLR13, 15, 76, 671
MalapertGR12, 124, 197, 671
MalapertN19, 10, 77, 671
MALIK, ABID M., 262
Malik08, 520, 533, 671
MalikMB08, 127, 197, 671
Manag. Sci., 614
Manavizadeh, Neda, 272
Mani, V., 272
Mannino, Carlo, 272

manpower, 317
Mansouri, Masoumeh, 262
Mantovani, Marco, 273
manufacturing industry, 328
Manzano, Óscar, 273
Maravelias, Christos T., 257, 504
MaraveliasCG04, 128, 197, 671
MaraveliasG04, 21, 77, 671
Marcellino, Fernando J. M., 273
maritime industry, 329
Markusic, Craig, 273
MarliereSPR23, 113, 198, 671
Marlière, Grégory, 273
Marriott, Kim, 273
MartinPY01, 129, 198, 671
MartnezAJ22, 115, 671
Martínez, Karim Pérez, 273
Mason01, 130, 198, 671
mat heuristic, 288
Mateus, Geraldo Robson, 273
Mathematical and Computer Modelling, 615
Mathematical Problems in Engineering, 614
Mathematical Programming, 615
Mathematics, 615
Matskin, Mihhail, 273
Mauro, Jacopo, 262
max-flow, 288
Mazure, Bertrand, 273
McINNES, JIM, 273
medical, 293
Medvedev, Dmitrii, 273
Meeran, S., 273
meeting scheduling, 293
Mehdizadeh-Somarin, Zahra, 273
Mehdizadeh-Somarin23, 7, 77, 106, 671
MejiaY20, 118, 199, 252, 671
Mejía, Gonzalo, 262, 273
Melgarejo, Penélope Aguiar, 263
MelgarejoLS15, 14, 77, 671
Meling, Hein, 273
Mello, P., 262
memetic algorithm, 288
Menana11, 520, 533, 672
Menaud, Jean-Marc, 273
MenciaSV12, 124, 199, 672
MenciaSV13, 124, 200, 253, 672
Mencía, Carlos, 262
Meng, Leilei, 259
MengGRZSC22, 115, 200, 672
MengLZB21, 116, 200, 672
MengZRZL20, 118, 201, 252, 672
Mercier, Carole, 273
Mercier, Luc, 262
Mercier-Aubin, Alexandre, 273
Mercier-AubinGQ20, 9, 78, 108, 672
MercierH07, 128, 201, 672
MercierH08, 127, 201, 672
Mersheeva, Vera, 273
Meskens, Nadine, 259
MeskensDHG11, 16, 78, 672
MeskensDL13, 124, 202, 672
meta heuristic, 288
metal industry, 329
Meyer, Bernd, 262
MeyerE04, 21, 78, 672
MGAP, 308
MGAP (Modified Generalized Assignment Problem), 283
Michel, Laurent, 257, 505
Michelon, Philippe, 259
MIKE, 573
Milano, M., 278
Milano11, 537, 672
MilanoORT02, 129, 672
MilanoW06, 128, 202, 673
MilanoW09, 127, 203, 673
mineral industry, 329
mining industry, 329
MiniZinc, 305
MINLP, 285
MINLP (Mixed-Integer Non-linear Programming), 283
Minton, Steven, 262
MintonJPL90, 25, 78, 673
MintonJPL92, 132, 203, 673
MinWeightAllDiff, 324
MIQP, 285
MIQP (Mixed-Integer Quadratic Programming), 283
Mischek, Florian, 258
MISTA, 574
Mistral, 305
Mitchell, John E., 273
Mitra, Gautam, 273
Mixed-Integer Non-linear Programming (MINLP), 283
Mixed-Integer Quadratic Programming (MIQP), 283
Mizuno, Shinji, 273
Moccellin, João Vitor, 273
Modified Generalized Assignment Problem (MGAP), 283
MoffittPP05, 20, 78, 673
Mokhtarzadeh, Mahdi, 259
MokhtarzadehTNF20, 118, 203, 673
Monette, Jean-Noël, 258
MonetteDD07, 19, 79, 673
MonetteDH09, 17, 79, 673
Montemanni, Roberto, 262
MontemanniD23, 113, 204, 250, 673
MontemanniD23a, 113, 204, 250, 673
Montero, Elizabeth, 273
Moon, Kyungduk, 273
MorgadoM97, 24, 79, 673
Mossige, Morten, 273
MossigeGSMC17, 12, 79, 673
Moukrim, Aziz, 273
Moura, Arnaldo V., 259
MouraSCL08, 18, 79, 673
MouraSCL08a, 18, 80, 673

Mrkvicka, Christoph, 262
MullerMKP22, 115, 204, 251, 674
Mulrennan, Konrad, 273
multi-agent, 317
multi-objective, 317
MultiAtMostSeqCard, 324
MurinR19, 10, 80, 108, 674
Murphy, Seán Óg, 273
MurphyMB15, 14, 80, 674
MurphyRFSS97, 24, 80, 674
MurthyRAW97, 24, 674
Murín, Stanislav, 273
Muscettola, Nicola, 262
Muscettola02, 22, 80, 674
Muscettola94, 25, 80, 674
music festival, 293
Musliu, Nysret, 256, 452
Musliu05, 20, 80, 674
MusliuSS18, 11, 81, 674
Márkus, András, 273
Márquez, Antonio A., 273
Ménard, Marc-André, 273
Méndez, Carlos, 273
Méndez, Carlos A., 262
Módos, István, 262
Möhring, Rolf H., 273
Müller, David, 273
Müller, Marcus G., 273
Müller, Tobias, 272

Naderi, Bahman, 256, 472
NaderiBZ22, 115, 205, 674
NaderiBZ22a, 115, 205, 674
NaderiBZ23, 113, 206, 674
NaderiBZR23, 113, 206, 250, 674
NaderiR22, 115, 674
NaderiRBAU21, 116, 675
NaderiRR23, 113, 207, 250, 675
Naeni, Leila Moslemi, 273
Nagano, Marcelo S., 262
Nagano, Marcelo Seido, 259
NaqviAIAAA22, 115, 207, 675
Nattaf, Margaux, 256, 460
Nattaf16, 519, 534, 675
NattafAL15, 123, 207, 253, 675
NattafAL17, 121, 207, 253, 675
NattafALR16, 122, 208, 675
NattafDYW19, 119, 208, 675
NattafHKAL19, 119, 208, 675
NattafM20, 9, 81, 108, 675
Ndiaye, Samba N., 262
NEH, 285
NEH (Scheduling Algorithm developed by Nawaz, Enscore, Ham), 283
Nejat, Goldie, 257, 506
Nejati, Shiva, 262
Nemhauser, George, 274
NeronABCDD06, 537, 675
net present value, 317
neural network, 288
Nevesxe, Flávio, 274
Newman, Alexandra, 274
Newton, M. A., 274
Ngo-Kateu, Youcheu, 262
Nguyen, Alain, 262
Nguyen, Viet Bang, 274
Nishikawa, Hiroki, 259
NishikawaSTT18, 11, 81, 675
NishikawaSTT18a, 11, 81, 675
NishikawaSTT19, 119, 208, 675
Nishioka, Gilberto, 274
no preempt, 317
no-wait, 318
Noordin, Nor Kamariah, 274
noOverlap, 327
not-first, 289
not-last, 289
NouriMHD23, 113, 676
Novara, Franco M., 274
NovaraNH16, 122, 209, 676
Novas, Juan M., 257, 490
Novas19, 119, 209, 676
NovasH10, 126, 210, 676
NovasH12, 124, 210, 676
NovasH14, 123, 210, 676
Novák, Antonín, 262
Nuijten, W.P.M., 256, 461
Nuijten94, 520, 534, 676
NuijtenA94, 25, 81, 676
NuijtenA94a, 25, 676
NuijtenA96, 131, 211, 676
NuijtenP98, 131, 211, 676
Nurmi, Jari, 274
nurse, 293
Néron, Emmanuel, 274

O'Gorman, Bryan, 262
O'Keeffe, Mike, 262
Oddi, Angelo, 256, 462
OddiPCC03, 22, 81, 676
OddiPCC05, 20, 676
OddiRC10, 17, 81, 676
OddiRCS11, 16, 82, 677
OddiS97, 24, 82, 677
offshore, 293
Oguz, Ceyda, 259
Ohrimenko, Olga, 274
OhrimenkoSC09, 127, 211, 677
oil industry, 329
Okano, H., 274
OkanoDTRYA04, 129, 677
Omega, 616
Omkar, S. N., 274
Onaindia, Eva, 262
one-machine scheduling, 318
online scheduling, 318
Open Shop Scheduling Problem, 308
Open Shop Scheduling Problem (OSSP), 283
open-shop, 318
Oper. Res. Forum, 616

operating room, 293
Operational Research, 617
Operations Research, 617
Operations Research for Health Care, 618
Operations research for health care, 618
OPERATIONS RESEARCH LETTERS, 616
Operations Research Perspectives, 617
Operations Research Proceedings, 574
OPL, 305
OR-Tools, 305
order, 331
order scheduling, 318
Orgerie, Anne-Cecile, 274
Ornek, Arslan M., 257, 493
OrnekO16, 122, 211, 677
OrnekOS20, 115, 212, 677
Osorio, M.A., 274
OSP, 308
OSP (Oven Scheduling Problem), 283
OSSP, 308
OSSP (Open Shop Scheduling Problem), 283
Osterweil, Leon J., 274
OTTOSSON, GREGER, 258
Ouellet, Pierre, 274
Ouellet, Yanick, 258
OuelletQ13, 15, 82, 677
OuelletQ18, 11, 82, 677
OuelletQ22, 8, 82, 107, 677
Oujana, S., 274
OujanaAYB22, 8, 83, 107, 677
oven scheduling, 293
Oven Scheduling Problem (OSP), 283
Over-constrained, 312
OZ, 305
Ozkarahan, Irem, 262
Ozturk, Cemalettin, 256, 466
OzturkTHO10, 126, 212, 677
OzturkTHO12, 124, 212, 677
OzturkTHO13, 124, 212, 253, 677
OzturkTHO15, 123, 212, 677
O'Sullivan, Barry, 256, 473

Pacheco, Adriana, 274
PachecoPR19, 10, 83, 678
PacinoH11, 16, 83, 678
packaging industry, 329
PACT, 574
PADL, 574
Padmanabhan, Meghana, 274
painting industry, 329
Palacios, Juan José, 274
Palahí, Miquel, 274
Palamidessi, Catuscia, 274
Palá-Schönwälder, P., 274
Pandey, Vaibhav, 274
PandeyS21a, 116, 213, 678
PapaB98, 131, 213, 254, 678
Papageorgiou, Lazaros G., 274
Pape94, 132, 213, 678
PapeB96, 24, 678
PapeB97, 24, 84, 678
paper industry, 329
parallel machine, 310
Parallel Machine Scheduling Problem (PMSP), 283
Pareto, 312
Park, Hoonseok, 274
Park, Myoung-Ju, 262
ParkUJR19, 10, 84, 678
Parragh, Sophie N., 262
Partial Order Schedule, 308
partially preemptive- multi-skill/mode resource-constrained project scheduling problem with generalized precedence relations and resource calendars (PP-MS-MMRCPSP), 283
particle swarm, 289
Pastore, Erica, 274
PATAT, 575
patient, 294
PCB industry (printed circuit board industry), 283
Pearce, Adrian, 258
Pecora, Federico, 274
Pedersen, Theo, 274
Pellegrini, Paola, 274
Pemberton, Joseph, 274
PembertonG98, 23, 84, 678
Peng, Yunfang, 262
PengLC14, 123, 214, 678
Penz, Louise, 274
PenzDN23, 113, 214, 678
Pereira, Jordi, 274
Perez, Guillaume, 262
PerezGSL23, 7, 84, 106, 678
perfect-square, 294
periodic, 318
Perron, Laurent, 259
Perron05, 20, 84, 678
PerronSF04, 21, 84, 678
Pesant, Gilles, 257, 482
PesantGPR99, 131, 214, 679
PesantRR15, 14, 85, 679
Pesch, Erwin, 257, 474
PeschT96, 131, 679
Pesin, P, 274
Petit, Thierry, 258
petro-chemical industry, 329
Phan-Huy, Toàn, 274
pharmaceutical industry, 329
Philips, Andrew B., 262
physician, 294
Pinarbasi, Mehmet, 262
Pinarbasi21, 116, 679
PinarbasiA20, 118, 679
PinarbasiAY19, 119, 215, 679
Pinedo, Michael L., 274
Pini, Maria Silvia, 274
Pinson, E., 259
Pinto, Jose M., 274

PintoG97, 131, 215, 679
pipeline, 294
Pisaruk, Nicolai, 274
Pisinger, David, 274
PJSSP, 308
PJSSP (Pre-emptive Job-Shop scheduling Problem), 283
planned maintenance, 318
PLILP, 575
PMSP, 308
PMSP (Parallel Machine Scheduling Problem), 283
Poder, Emmanuel, 257, 491
PoderB08, 18, 85, 679
PoderBS04, 129, 215, 679
Pohl, Maximilian, 275
PohlAK22, 115, 215, 679
Policella, Nicola, 258
PolicellaWSO05, 20, 85, 679
Polo-MejiaALB20, 118, 216, 252, 679
Polo-Mejía, Oliver, 275
Pontelli, Enrico, 262
PopovicCGNC22, 8, 85, 107, 679
Porcheron, Marc, 275
potash industry, 329
Potvin, Jean-Yves, 275
Poujade, M., 275
Pouly, Marc, 275
PourDERB18, 120, 216, 679
PovedaAA23, 7, 85, 106, 680
power industry, 329
PP-MS-MMRCPSP (partially preemptive-multi-skill/mode resource-constrained project scheduling problem with generalized precedence relations and resource calendars), 283
Pralet, Cédric, 257, 507
Pralet17, 12, 86, 680
PraletLJ15, 14, 86, 680
Prandtstetter, Matthias, 275
Prata, Bruno A., 259
PrataAN23, 112, 217, 250, 680
Pre-emptive Job-Shop scheduling Problem (PJSSP), 283
precedence, 319
preempt, 319
preemptive, 319
PreemptiveNoOverlap, 324
Prestwich, Steven, 275
PRICAI, 575
printed circuit board industry (PCB industry), 283
printing industry, 329
process industry, 329
processing industry, 329
producer/consumer, 319
Production and Operations Management, 618
Project Scheduling Problem Library (psplib), 283
propagation, 302
Prosser89, 25, 86, 680
PSE, 576
psplib, 310
psplib (Project Scheduling Problem Library), 283
PTC, 308
PTC (Scheduling Problem with Time Constraints), 283
Puchinger, Jakob, 275
Puget, Jean-Francois, 275
Puget95, 24, 86, 680
Puig, V., 275
Pulliam, Kenneth, 275
Pulse constraint, 324
Pınarbaşı, Mehmet, 258

Qi, Liang, 275
Qin, Ming, 275
Qin, Tianbao, 262
QinDCS20, 118, 218, 680
QinDS16, 122, 218, 680
QinWSLS21, 116, 219, 680
Qu, Yang, 275
quadratic programming, 289
Quan, Yuchen, 275
Quesada, Luis, 262
Quevedo, J., 275
Quilliot, Alain, 275
Quimper, Claude-Guy, 256, 463
Quiroga, O., 262
QuirogaZH05, 20, 86, 680
QuSN06, 19, 86, 680

Raa, Birger, 275
RAAD, 576
Rabbani, Masoud, 275
RabbaniMM21, 116, 680
Rabideau, Gregg, 275
radiation therapy, 294
Raggl, Sebastian, 262
Raidl, Günther, 262
railway, 294
railway industry, 329
Railway Traffic Management Problem (RTMP), 283
Rainwater, Chase, 275
Rameez Naqvi, Syed, 274
random instance, 298
Rasid, Mohd Fadlee A., 275
Rasmussen, Kourosh Marjani, 275
Rasmussen, Rasmus V., 259
RasmussenT06, 20, 87, 680
RasmussenT07, 128, 219, 680
RasmussenT09, 127, 219, 681
RAST, 576
Raviv, Tal, 275
RCMPSP, 308
RCMPSP (Resource-Constrained Multi-Project Scheduling Problem), 283
RCPSP, 309
RCPSP (Resource-constrained Project Scheduling Problem), 283

RCPSPDC, 309
RCPSPDC (Resource-constrained Project Scheduling Problem with Discounted Cashflow), 283
re-scheduling, 320
reactive scheduling, 320
real-life, 299
real-time pricing, 294
real-time Railway Traffic Management Problem (rtRTMP), 283
real-world, 299
rectangle-packing, 294
Reddy, C., 262
Reddy, Sudhakar Y., 275
ReddyFIBKAJ11, 125, 219, 681
Refalo, Philippe, 258
Refalo00, 23, 87, 681
Regular constraint, 324
regular expression, 327
Reified constraint, 325
reinforcement learning, 289
release-date, 320
RelSoftCumulative, 325
RelSoftCumulativeSum, 325
Ren, Huizhi, 275
Ren, Yaping, 259
Rendl, Andrea, 275
RendlPHPR12, 16, 87, 681
RenT09, 18, 87, 681
repair industry, 329
resource, 331
Resource-Constrained Multi-Project Scheduling Problem (RCMPSP), 283
Resource-constrained Project Scheduling Problem, 309
Resource-constrained Project Scheduling Problem (RCPSP), 283
Resource-constrained Project Scheduling Problem with Discounted Cashflow, 309
Resource-constrained Project Scheduling Problem with Discounted Cashflow (RCPSPDC), 283
Results in Control and Optimization, 619
retail industry, 329
Rgin2001, 537, 681
Riahi, Vahid, 275
RiahiNS018, 11, 87, 681
Ribeiro, Celso C., 262
Ribeiro12, 125, 220, 681
Richards, Robert, 275
Rieffel, Eleanor, 262
Riise, Atle, 275
RiiseML16, 122, 220, 681
Rinaldi, Giovanni, 275
Riopel, Diane, 275
Rit86, 25, 88, 681
Rivreau, David, 262
Rix, Gregory, 275
Roadef, 297
robot, 295
Robotics and Computer-Integrated Manufacturing, 619
Rodosek94, 25, 681
RodosekW98, 23, 88, 681
RodosekWH99, 131, 220, 681
Rodošek, Robert, 259
Rodrigues, Brian, 275
Rodriguez, Joaquín, 257, 508
Rodriguez07, 128, 220, 681
Rodriguez07b, 19, 88, 682
RodriguezDG02, 129, 220, 682
RodriguezS09, 18, 88, 682
Roe, Benjamin, 275
RoePS05, 128, 221, 682
Rogerie, Jérôme, 275
Rohaninejad, Mohammad, 275
Rojel, Maximiliano, 275
Romera, J., 275
Ronconi, Débora P., 276
Roshanaei, Vahid, 257, 475
RoshanaeiBAUB20, 118, 221, 682
RoshanaeiLAU17, 121, 222, 682
RoshanaeiLAU17a, 121, 682
RoshanaeiN21, 117, 222, 682
Rossi, Francesca, 259
Rossi, Roberto, 276
RossiTHP07, 19, 88, 682
Rottembourg, Benoit, 276
Roubellat, François, 276
round-robin, 295
Rousseau, Jean-Marc, 276
Rousseau, Louis-Martin, 256, 456
Roussel, Stéphanie, 262
RoweJCA96, 24, 88, 682
Roy, Chanchal K., 262
RTMP, 309
RTMP (Railway Traffic Management Problem), 283
rtRTMP, 310
rtRTMP (real-time Railway Traffic Management Problem), 283
Rudová, Hana, 276
Ruggiero, Martino, 257, 509
RuggieroBBMA09, 127, 223, 682
Ruixin, Wang, 263
Ruiz, Rubén, 276
Ruskowski, Martin, 276
Russell, Robert A., 276
RussellU06, 128, 223, 682
Ryabokon, Anna, 276
Régin, Jean-Charles, 276

Sacramento, David, 276
SacramentoSP20, 118, 223, 252, 682
Sadat Asl, Ali Akbar, 264
Sadeh, Norman, 262
SadehF96, 131, 223, 682
Sadykov, Ruslan, 262
Sadykov04, 21, 89, 683
SadykovW06, 128, 224, 683

Saeidi, Shahram, 276
Sahli, A., 276
Sahli, Abderrahim, 276
Saini, Poonam, 276
Sakkout, Hani El, 259
SakkoutRW98, 23, 683
SakkoutW00, 130, 224, 254, 683
Salassa, Fabio, 276
Salehipour, Amir, 276
Salido, Miguel A., 257, 510
Salido10, 126, 224, 683
Saller, Sophia, 276
Salman, Mustafa Ismael, 276
Salum, Latif, 276
Salyaeva, Anastasia, 276
Sand, Guido, 276
Sander, Maria, 276
Sang, Hongyan, 262
Sanlaville, Eric, 276
Santosa, Andrew E., 276
Sapena, Oscar, 276
SAT, 576
satellite, 295
Sattar, Abdul, 276
Satır, Benhür, 276
SBSFMMAL, 309
SBSFMMAL (Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines), 283
SCAM, 577
SCC, 309
SCC (Steel-making and continuous casting), 283
Schaerf96, 24, 683
Schaerf97, 24, 89, 683
Schaus, Pierre, 255, 446
SchausD08, 18, 89, 683
SchausHMCMD11, 125, 224, 254, 683
Scheduling
  activity, 330
  job, 330
  machine, 330
  order, 331
  resource, 331
  scheduling, 331
  task, 332
scheduling, 331
Scheduling Algorithm developed by Nawaz, Enscore, Ham (NEH), 283
Scheduling Problem with Time Constraints (PTC), 283
Scheiblechner, Peter, 276
Schekotihin, Konstantin, 262
SchildW00, 130, 225, 254, 683
Schlechte, Thomas, 276
Schlenker, Hans, 262
Schmidt, Günter, 276
Schmidt, Thorsten, 276
Schnell, Alexander, 262
SchnellH15, 123, 225, 253, 683
SchnellH17, 121, 225, 253, 683
Schrader, Gunnar, 259
Schreuder, Jan A.M., 276
Schreuder92, 132, 225, 683
Schulte, Christian, 258
Schulz, Jens, 259
Schumacher, J., 276
Schutt, Andreas, 255, 432
Schutt11, 520, 534, 683
SchuttCSW12, 16, 89, 684
SchuttFS13, 15, 89, 684
SchuttFS13a, 15, 89, 109, 684
SchuttFSW09, 18, 90, 684
SchuttFSW11, 125, 225, 254, 684
SchuttFSW13, 124, 225, 253, 684
SchuttFSW15, 537, 684
SchuttS16, 13, 90, 684
SchuttW10, 17, 90, 684
SchuttWS05, 21, 90, 684
Schwiegelshohn, Uwe, 276
SCIP, 306
Scott, Joseph, 262
SEA, 577
semiconductor, 295
semiconductor industry, 329
semiprocess industry, 329
SenderovichBB19, 10, 90, 108, 684
sequence dependent setup, 320
Serra, Thiago, 276
SerraNM12, 16, 91, 684
service industry, 329
setup-time, 321
Sha, Mei, 263
Shah, Julie A., 276
Shah, Nilay, 276
Shaikh, Aftab Ahmed, 276
ShaikhK23, 113, 226, 250, 684
Shao, Xinyu, 276
Shao, Y., 276
Shaw, Paul, 259
Shi, Ganquan, 276
Shi, Leyuan, 276
Shi, Zhongshun, 276
Shimada, Kana, 259
Shin, Seung Yeob, 276
ShinBBHO18, 120, 226, 253, 685
ship repair industry, 329
shipping industry, 329
shipping line, 295
ShiYXQ22, 115, 684
Siala, Mohamed, 257, 511
Siala15, 123, 226, 253, 685
Siala15a, 519, 535, 685
SialaAH15, 14, 91, 109, 685
SICStus, 306
Siegel, Stuart, 277
Sierra, María R., 263
Simonin, Gilles, 259
SimoninAHL12, 16, 91, 110, 685
SimoninAHL15, 123, 226, 253, 685
Simonis, Helmut, 255, 444

Simonis07, 128, 227, 254, 685
Simonis95, 24, 91, 685
Simonis95a, 24, 91, 685
Simonis99, 23, 92, 685
SimonisC95, 24, 92, 685
SimonisCK00, 130, 227, 685
SimonisH11, 16, 92, 685
simulated annealing, 290
Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines (SBSFMMAL), 283
single machine, 310
single-machine scheduling, 321
single-stage scheduling, 321
Sitek, Paweł, 277
Slusky, M., 277
Smeaton, Alan, 277
Smith, Barbara M., 277
Smith, Stephen F., 257, 476
Smith-Miles, Kate, 277
SmithBHW96, 131, 227, 685
SmithC93, 25, 92, 686
SMSDP (steel mill slab design problem), 283
SN Computer Science, 619
Sobieraj Richard, Sonia, 275
SoC, 578
SOCS, 577
Soft Computing, 620
SoftCumulative, 325
SoftCumulativeSum, 325
software industry, 329
Software: Practice and Experience, 621
Soininen, Juha-pekka, 277
solar cell industry, 329
Solnon, Christine, 258
Solozabal Ochoa de Retana, Ruben, 275
Son, Junbo, 277
Song, Xiaoqing, 277
Sotudian, Shahabeddin, 277
Sourd, Francis, 277
SourdN00, 130, 227, 686
span constraint, 327
Spieker, Helge, 277
sports scheduling, 295
Squillaci, Samuel, 277
SquillaciPR23, 7, 93, 106, 686
SSRN Electronic Journal, 620
Starzacher, Andreas, 277
steel cable, 295
steel industry, 329
steel mill, 295
steel mill slab design problem (SMSDP), 283
Steel-making and continuous casting (SCC), 283
Steigerwald, Wolfgang, 277
Stephan, Rüdiger, 277
Sterna, Malgorzata, 277
StidsenKM96, 24, 686
stochastic, 321
stock level, 321
Stuckey, Peter, 255, 436
Stöhr, Robin, 277
Stürck, Christian, 277
Su, Kaile, 277
Su, Ling-Huey, 277
Su, Wei, 277
Subulan, Kemal, 277
SubulanC22, 115, 228, 686
SuCC13, 124, 228, 686
Suen, Ted, 277
sugar industry, 329
Suijlen, Wijnand, 263
SultanikMR07, 19, 93, 686
Sun, Defeng, 277
Sun, Quanxin, 277
Sun, Zheng, 277
SunLYL10, 17, 93, 686
SunTB19, 119, 228, 252, 686
Supciller, Aliye Ayca, 277
super-computer, 295
supplementary material, 299
support vector regression, 290
Suresh, S., 277
SureshMOK06, 128, 228, 686
surgery, 296
Surynek, Pavel, 277
Sustain. Comput. Informatics Syst., 621
sustainability, 321
Suy, Josep, 257, 512
SvancaraB22, 8, 93, 686
Swarm and Evolutionary Computation, 621
swarm intelligence, 290
sweep, 290
systematic local search, 290
Szeredi, Ria, 277
SzerediS16, 13, 93, 686
Sîrbu, Alina, 277

table constraint, 327
Tahon, C, 277
Taimre, T., 277
Takac, Martin, 277
Tan, Yingcong, 277
Tan, Yuanyuan, 263
TANG, Jia-Fu, 277
Tang, Lixin, 263
Tang, Siyu, 277
Tang, Tanya Y., 277
Tang, Yuanjie, 277
TangB20, 9, 94, 108, 687
TangLWSK18, 120, 229, 687
Taniguchi, Ittetsu, 259
TanSD10, 17, 93, 686
TanT18, 11, 94, 686
TanZWGQ19, 119, 229, 252, 687
tardiness, 322
Tardivo, Fabio, 278
TardivoDFMP23, 7, 94, 106, 687
Tarim, S. Armagan, 278
task, 332
TaskIntersection constraint, 325

Tassel, Pierre, 258
Tassel22, 8, 95, 107, 687
TasselGS23, 7, 95, 106, 687
Tavakkoli-Moghaddam, Reza, 257, 513
taxi industry, 329
Tay92, 132, 687
Tayeb, Fatima, 278
Tchernev, N., 278
TCSP, 309
TCSP (Temporal Constraint Satisfaction Problem), 283
telecommunication industry, 329
telescope, 296
temporal constraint reasoning, 322
Temporal Constraint Satisfaction Problem, 309
Temporal Constraint Satisfaction Problem (TCSP), 283
TENCON, 578
Teppan, Erich, 259
Teppan, Erich C., 263, 278
Teppan22, 8, 95, 107, 687
Terekhov, Daria, 258
TerekhovDOB12, 125, 230, 687
TerekhovTDB14, 123, 231, 687
Terenziani, P., 266
Tesch, Alexander, 263
Tesch16, 13, 95, 687
Tesch18, 11, 96, 687
Tetzlaff, Ulrich A. W., 278
Teuschl, Stephan, 278
textile industry, 329
The Journal of Logic Programming, 621
The Knowledge Engineering Review, 622
Theodoridis, George, 278
Thiebaux, Sylvie, 259
Thiel, Sven, 278
Thiruvady, Dhananjay, 258
ThiruvadyBME09, 18, 96, 687
ThiruvadyWGS14, 123, 231, 687
Thomas, Charles, 263
ThomasKS20, 9, 96, 108, 688
THORSTEINSSON, ERLENDER S., 278
Thorsteinsson, Erlendur S., 263
Thorsteinsson01, 22, 96, 688
Ticktin, Jordan, 278
Tierney, Kevin, 278
time-tabling, 290
Timpe, Christian, 278
Timpe02, 129, 231, 688
tire industry, 329
TMS, 309
TMS (Transmission Network Maintenance Planning), 283
Tom, Mary, 278
Tom19, 10, 96, 688
Tomasella, Maurizio, 263
Tomiyama, Hiroyuki, 259
Topaloglu, Seyda, 263
TopaloglуO11, 126, 232, 688
TopaloglуSS12, 125, 232, 688
Torabi, S. Ali, 278
Tormey, David, 278
Toro, Miguel, 278
torpedo, 296
Torres, Philippe, 278
TorresL00, 130, 232, 688
Touat, Meriem, 278
TouatBT22, 8, 97, 107, 688
Touraivane95, 24, 97, 688
tourism industry, 329
tournament, 296
Toussaint, Helene, 278
trade industry, 329
train schedule, 296
Tran, Tony, 256, 457
TranAB16, 122, 232, 688
TranB12, 16, 98, 688
TranDRFWOVB16, 13, 98, 688
TranPZLDB18, 120, 233, 688
Transmission Network Maintenance Planning (TMS), 283
transportation, 322
transportation industry, 329
Transportation Research Part B: Methodological, 622
Transportation Research Part C: Emerging Technologies, 622
Transportation Research Part E: Logistics and Transportation Review, 623
Transportation Science, 623
TranTDB13, 15, 98, 688
TranVNB17, 121, 233, 689
TranVNB17a, 12, 98, 689
TranWDRFOVB16, 13, 99, 689
travelling tournament problem, 296
Trentesaux, D, 278
TrentesauxPT01, 130, 233, 689
Trick, Michael, 257, 492
Trick03, 22, 99, 689
Trick11, 539, 689
Trinquet, Yvon, 278
Trojet, Mariem, 278
TrojetHL11, 126, 233, 689
Trumbo, M., 278
Tsang03, 129, 234, 689
Tsunoda Meira, William Hitoshi, 273
TsurutaS00, 23, 689
Tunali, Semra, 263
Tunalı, S., 263
two-machine scheduling, 322
Two-Stage Bin Packing and Hybrid Flow Shop Scheduling Problem (2BPHFSP), 283
two-stage scheduling, 322
Tyler, Paul, 278

Um, Jumyung, 278
unavailability, 322
unit two variable per inequality constraint (UTVPI constraint), 283
Unsal, Ozgur, 263

UnsalO13, 124, 234, 689
UnsalO19, 119, 234, 689
Unsatisfiable, 312
Urbach, David R., 258
Urban, Timothy L., 278
Urrutia, Sebastián, 278
UTVPI constraint, 325
UTVPI constraint (unit two variable per inequality constraint), 283

vaccine, 296
Vahedi-Nouri, Behdin, 262, 263
Valdes87, 25, 99, 689
ValleMGT03, 22, 99, 689
VAN BEEK, PETER, 260
Van Bulck, David, 278
Van Cauwelaert, Sascha, 257, 266
van den Akker, J. Marjan, 264
van den Bogaerdt, Pim, 265
Van den Briel, Menkes, 258
van der Krogt, Roman, 271
van der Schoot, F.A., 280
Van Hentenryck, Pascal, 256, 451
van Hoeve, W.-J., 257, 502
Van Schaeren, Rowan, 276
VanczaM01, 22, 99, 689
Vaquero, Tiago, 259
Varela, Ramiro, 263
Varnier, C., 263
Vazacopoulos, Alkis, 263
Vela, Camino R., 278
Venable, Kristen Brent, 278
Venturelli, Davide, 263
Verfaillie, Gérard, 259
VerfaillieL01, 22, 99, 690
Vergados, Yannis, 278
Vidal, Thierry, 263
Vietnam. J. Comput. Sci., 623
Vilim02, 22, 99, 690
Vilim03, 22, 99, 690
Vilim04, 21, 100, 690
Vilim05, 21, 100, 690
Vilim09, 18, 100, 690
Vilim09a, 18, 100, 690
Vilim11, 17, 100, 690
VilimBC04, 21, 100, 690
VilimBC05, 128, 234, 254, 690
VilimLS15, 14, 101, 690
Villaret, Mateu, 257, 514
VillaverdeP04, 21, 690
Vilà, Mariona, 278
Vilím, Petr, 256, 458
Vincent, Armant, 260
Vlk, Marek, 257, 515
VlkHT21, 117, 235, 252, 690
Volk, Rebekka, 278
Voos, Holger, 278
Voros, Nikolaos, 278
Vossen, Thomas W. M., 278
Váncza, József, 258

Waelti, Kai, 278
Walkiewicz, Daniel, 259
Wallace, Mark, 255, 438
Wallace, William A., 278
Wallace06, 20, 101, 690
Wallace94, 25, 691
Wallace96, 131, 235, 254, 691
WallaceF00, 23, 101, 691
WallaceY20, 118, 236, 252, 691
Walsh, Toby, 258
Wang, Chang-Jung, 279
Wang, Futian, 278
Wang, Junjie, 279
Wang, Runsen, 278
Wang, Shouyang, 278
Wang, Tao, 278
Wang, Yi, 278
Wang, Yingying, 279
Wang, Zhihui, 263
WangB20, 10, 101, 108, 691
WangB23, 7, 101, 106, 691
WangMD15, 123, 236, 691
Wari, Ezra, 279
WariZ19, 119, 691
Wassick, John, 279
Watson, Jean-Paul, 259
WatsonB08, 18, 101, 691
WatsonBHW99, 23, 102, 691
Weglarz, Jan, 279
WeightAllDiff, 325
WeightedSum, 325
WeightedTaskSum, 325
Weil, G., 279
WeilHFP95, 131, 236, 691
WessenCS20, 10, 102, 108, 691
WessenCSFPM23, 113, 236, 251, 691
Wessén, Johan, 263
Wichniarek, Radosław, 279
Wikarek, Jarosław, 279
WikarekS19, 119, 237, 691
Wilcox, Ronald J., 279
wildfire, 296
Williams, H. Paul, 279
Wilson, Campbell, 279
Wilson, N., 257, 516
wind industry, 329
Winkler, Michael, 279
Winter, Felix, 258
WinterMMW22, 8, 102, 107, 692
Wittwer, David, 279
Wolf, Armin, 256, 465
Wolf03, 22, 102, 692
Wolf05, 21, 102, 692
Wolf09, 18, 102, 692
Wolf11, 17, 103, 692
WolfS05, 21, 103, 692
WolfS05a, 537, 692
Wolinski, Christophe, 263
WolinskiKG04, 21, 103, 692

Wolsey, Laurence A., 259
Wolter, Kati, 279
Womer, Keith, 279
Wong, T.N., 279
workforce scheduling, 296
Wu, Baoyuan, 279
Wu, Cheng-Hung, 279
Wu, Christine Wei, 263
Wu, Jianguo, 279
WuBB05, 21, 103, 692
WuBB09, 127, 237, 692

Xia, Quanshi, 279
Xiong, Hegen, 279
Xu, Yang, 279
Xu, Zhou, 279

Yalaoui, Farouk, 263
Yan, Hong, 279
Yang, Caiyun, 279
Yang, Moli, 279
Yang, Zhouwang, 279
YangSS19, 10, 103, 692
Yao, Jia-Sheng, 279
Yao, Min, 279
yard crane, 296
YeGMH94, 25, 692
Yfantis, Vassilios, 279
Yildiz, Seyda Topaloglu, 259
Yim, Pascal, 260
Yoda, K., 279
Yorke-Smith, Neil, 263
YoshikawaKNW94, 25, 103, 692
Younespour, Maryam, 279
YounespourAKE19, 119, 237, 692
Young, Kenneth D., 279
YoungFS17, 12, 103, 109, 693
Yu, Chunxia, 279
Yugma, Claude, 279
Yun, Young-Su, 279
YunG02, 129, 693
Yunusoglu, Pinar, 279
YunusogluY22, 115, 238, 251, 693
Yuraszeck, Francisco, 258
YuraszeckMC23, 7, 104, 106, 693
YuraszeckMCCR23, 113, 238, 251, 693
YuraszeckMPV22, 115, 239, 251, 693
Yuzukirmizi, Mustafa, 279
Yüzükırmızı, Mustafa, 279

Z3, 306
Zaffalon, Marco, 279
Zahout21, 519, 536, 693
Zampelli, Stéphane, 263
ZampelliVSDR13, 15, 104, 693
Zanarini, Alessandro, 260
ZarandiASC20, 118, 240, 693
ZarandiB12, 125, 693
ZarandiKS16, 122, 241, 693
Zaric, Gregory S., 263
Zeballos, L., 257, 483
Zeballos10, 126, 241, 693
ZeballosCM10, 126, 241, 693
ZeballosH05, 128, 242, 693
ZeballosM09, 127, 242, 694
ZeballosNH11, 126, 242, 694
ZeballosQH10, 126, 243, 694
Zehtabian, Shohre, 280
Zeng, Lishun, 280
ZengM12, 125, 243, 694
zenodo, 299
Zha, Hongyuan, 280
Zhang, Biao, 260
Zhang, Chaoyong, 263
Zhang, Guoqing, 263
Zhang, Haotian, 280
Zhang, Jiachen, 280
Zhang, Lihui, 280
Zhang, Luping, 280
Zhang, Peter Yun, 280
Zhang, Sicheng, 280
Zhang, Xi, 280
Zhang, Xujun, 280
Zhang, Yu, 280
ZhangBB22, 8, 104, 694
ZhangJZL22, 8, 104, 107, 694
ZhangLS12, 16, 105, 694
ZhangW18, 121, 243, 694
ZhangYW21, 117, 244, 694
Zhao, Zhaoxia, 280
Zhao, Ziyan, 263
ZhaoL14, 123, 244, 694
Zheng, Lanbo, 280
Zhou, Jianyang, 263
Zhou, MengChu, 280
Zhou96, 24, 105, 694
Zhou97, 131, 244, 254, 694
ZhouGL15, 14, 105, 694
Zhu, Jianjun, 280
Zhu, Kenny Qili, 280
Zhu, Weihang, 280
Zhu, Xuedong, 280
Zhu, Zihao, 280
ZhuS02, 22, 105, 694
ZhuSZW23, 113, 245, 695
Zibran, Minhaz F., 263
ZibranR11, 17, 105, 695
ZibranR11a, 17, 105, 695
Zieliński, Paweł, 280
Zimmermann, Jürgen, 280
Zou, Xin, 280
ZouZ20, 118, 245, 695

Åstrand, Max, 258
Åström, Emil, 280
Çakır, Gizem, 280
Özen, Ulaş, 280
Özpeynirci, Selin, 280
Öztop, Hande, 280
Öztürk, C., 280

Čepek, Ondřej, 258

Şatır Akpunar, Özge, 264
Švancara, Jiří, 277
Šůcha, Přemysl, 277
Żywicki, Krzysztof, 280