CP Papers on Scheduling

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April 25, 2024

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 `overview/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 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.

Table 1: Key Overview (Total: 831)

1	2	3	4	5	6
AalianPG23 [1]	AbdennadherS99 [2]	AbohashimaEG21 [3]	AbreuAPNM21 [221]	AbreuN22 [222]	AbreuNP23 [223]
AbreuPNF23 [4]	AbrilSB05 [5]	AchterbergBKW08 [7]	Acuna-AgostMFG09 [8]	Adelgren2023 [10]	AfsarVPG23 [11]
AggounB93 [12]	AggounMV08 [13]	AggounV04 [14]	AgussurjaKL18 [16]	AjiliW04 [17]	AkkerDH07 [797]
AkramNHRSA23 [18]	Alaka21 [20]	AlakaP23 [21]	AlesioBNG15 [22]	AlesioNBG14 [236]	AlfieriGPS23 [23]
AlizdehS20 [24]	AmadiniGM16 [25]	AngelsmarkJ00 [26]	AntunesABD18 [27]	AntunesABD20 [28]	AntuoriHHEN20 [29]
AntuoriHHEN21 [30]	ArbaouiY18 [33]	Arkhipov19 [34]	ArkhipovBL19 [35]	ArmstrongGOS21 [36]	ArmstrongGOS22 [37
AronssonBK09 [39]	ArtiguesBF04 [40]	ArtiguesDN08 [41]	ArtiguesF07 [42]	ArtiguesHQT21 [43]	ArtiguesL14 [44]
ArtiguesLH13 [45]	ArtiguesR00 [46]	ArtiouchineB05 [47]	Astrand0F21 [49]	Astrand21 [48]	AstrandJZ18 [50]
AstrandJZ20 [51]	AwadMDMT22 [52]	BadicaBI20 [53]	BadicaBIL19 [54]	BajestaniB11 [55]	BajestaniB13 [56]
BajestaniB15 [57]	Balduccini11 [58]	BalochG20 [59]	BandaSC11 [225]	Baptiste02 [60]	Baptiste09 [61]
BaptisteB18 [62]	BaptisteLPN06 [63]	BaptisteLV92 [68]	BaptisteP00 [66]	BaptisteP97 [65]	BaptistePN01 [67]
BaptistePN99 [64]	BarbulescuWH04 [69]	BarlattCG08 [70]	Bartak02 [72]	Bartak02a [71]	Bartak14 [73]
BartakCS10 [74]	BartakS11 [75]	BartakSR08 [80]	BartakSR10 [76]	BartakV15 [77]	BartoliniBBLM14 [78
BarzegaranZP20 [81]	Beck06 [83]	Beck07 [84]	Beck10 [85]	Beck99 [82]	BeckDDF98 [86]
BeckDF97 [87]	BeckDSF97 [88]	BeckDSF97a [89]	BeckF00 [94]	BeckF00a [93]	BeckF98 [91]
BeckF99 [92]	BeckFW11 [90]	BeckPS03 [95]	BeckR03 [96]	BeckW04 [97]	BeckW05 [98]
BeckW07 [99]	Bedhief21 [100]	BegB13 [101]	BehrensLM19 [102]	BeldiceanuC01 [104]	BeldiceanuC02 [105]
BeldiceanuC94 [108]	BeldiceanuCDP11 [106]	BeldiceanuCP08 [107]	BeldiceanuP07 [109]	BelhadjiI98 [110]	BenderWS21 [111]
BenediktMH20 [113]	BenediktSMVH18 [114]	BeniniBGM05 [115]	BeniniBGM06 [116]	BeniniLMMR08 [117]	BeniniLMR08 [118]
BeniniLMR11 [119]	BenoistGR02 [120]	BensanaLV99 [121]	BertholdHLMS10 [122]	BessiereHMQW14 [123]	BidotVLB09 [124]
BillautHL12 [125]	Bit-Monnot23 [126]	BlazewiczDP96 [165]	BlazewiczEP19 [127]	BlomBPS14 [129]	BlomPS16 [130]
BocewiczBB09 [131]	BockmayrK98 [133]	BockmayrP06 [134]	BofillCSV17 [135]	BofillEGPSV14 [136]	BofillGSV15 [137]
BogaerdtW19 [798]	Bonfietti16 [138]	BonfiettiLBM11 [139]	BonfiettiLBM12 [140]	BonfiettiLBM14 [141]	BonfiettiLM13 [142]
BonfiettiLM14 [143]	BonfiettiM12 [144]	BonfiettiZLM16 [145]	BonninMNE24 [146]	BoothNB16 [147]	BoothTNB16 [148]
BorghesiBLMB18 [149]	BosiM2001 [150]	BoucherBVBL97 [151]	BoudreaultSLQ22 [152]	BourdaisGP03 [153]	BourreauGGLT22 [15
BreitingerL95 [156]	BriandHHL08 [157]	BridiBLMB16 [158]	BridiLBBM16 [159]	BruckerK00 [161]	BrusoniCLMMT96 [1
BukchinR18 [163]	BurtLPS15 [164]	Caballero19 [166]	Caballero23 [167]	CambazardHDJT04 [168]	CambazardJ05 [169]
CampeauG22 [170]	CappartS17 [171]	CappartTSR18 [172]	CarchraeB09 [173]	CarchraeBF05 [174]	CarlierPSJ20 [175]
CarlierSJP21 [180]	Caseau97 [181]	CastroGR10 [182]	CatusseCBL16 [183]	CauwelaertDMS16 [184]	CauwelaertDS20 [187
CauwelaertLS15 [185]	CauwelaertLS18 [186]	CestaOPS14 [188]	CestaOS00 [190]	CestaOS98 [189]	ChapadosJR11 [191]
ChenGPSH10 [192]	ChuGNSW13 [193]	ChuX05 [194]	ChunCTY99 [195]	ChunS14 [196]	CilKLO22 [197]
CireCH13 [198]	CireCH16 [199]	ClautiauxJCM08 [200]	Clercq12 [224]	ClercqPBJ11 [202]	CobanH10 [203]
CobanH11 [204]	CohenHB17 [205]	ColT19 [207]	ColT2019a [212]	ColT22 [213]	Colombani96 [208]
CorreaLR07 [209]	CrawfordB94 [210]	CzerniachowskaWZ23 [211]	DannaP03 [215]	DannaP04 [214]	Darby-DowmanLMZ9
DarbyDowmanL98 [216]	Davenport10 [218]	DavenportKRSH07 [219]	Davis87 [220]	Dejemeppe16 [227]	DejemeppeCS15 [228]
DejemeppeD14 [229]	Demassey03 [230]	DemasseyAM05 [231]	DemirovicS18 [232]	Derrien15 [233]	DerrienP14 [234]

Table 1: Key Overview (Total: 831)

1	2	3	4	5	6
DerrienPZ14 [235]	DilkinaDH05 [237]	DilkinaH04 [238]	DincbasS91 [240]	DincbasSH90 [241]	DoRZ08 [242]
DomdorfPH03 [243]	DoomsH08 [244]	Dorndorf2000 [247]	DorndorfHP99 [245]	DorndorfPH99 [246]	DoulabiRP14 [248]
DoulabiRP16 [249]	Edis21 [250]	EdisO11 [251]	EdisO11a [252]	EdwardsBSE19 [253]	EfthymiouY23 [254]
ElciOH22 [255]	ElhouraniDM07 [256]	Elkhyari03 [257]	ElkhyariGJ02 [258]	ElkhyariGJ02a [259]	EmdeZD22 [260]
EmeretlisTAV17 [261]	EreminW01 [262]	ErtlK91 [263]	EscobetPQPRA19 [264]	EskeyZ90 [265]	EsquirolLH2008 [266]
EtminaniesfahaniGNMS22 [267]	EvenSH15 [268]	EvenSH15a [269]	FachiniA20 [270]	Fahimi16 [271]	FahimiOQ18 [272]
FahimiQ23 [273]	FalaschiGMP97 [274]	FallahiAC20 [275]	FalqueALM24 [276]	FanXG21 [277]	FarsiTM22 [278]
Fatemi-AnarakiTFV23 [279]	FetgoD22 [281]	FocacciLN00 [283]	FontaineMH16 [285]	ForbesHJST24 [286]	FortinZDF05 [287]
FoxAS82 [288]	FoxS90 [289]	FrankDT16 [290]	FrankK03 [291]	FrankK05 [292]	FriedrichFMRSST14
FrimodigS19 [294]	Froger16 [295]	FrohnerTR19 [296]	FrostD98 [297]	FukunagaHFAMN02 [298]	GalleguillosKSB19 [29
GarganiR07 [301]	GarridoAO09 [302]	GarridoOS08 [303]	GayHLS15 [304]	GayHS15 [305]	GayHS15a [306]
GaySS14 [307]	GedikKBR17 [309]	GedikKEK18 [308]	GeibingerKKMMW21 [310]	GeibingerMM19 [312]	GeibingerMM21 [313]
GeitzGSSW22 [314]	GelainPRVW17 [315]	German18 [317]	Geske05 [318]	GetoorOFC97 [319]	GhasemiMH23 [320]
GilesH16 [321]	GingrasQ16 [322]	GlobusCLP04 [323]	GodardLN05 [324]	Godet21a [325]	GodetLHS20 [326]
GoelSHFS15 [327]	GokGSTO20 [328]	GokPTGO23 [329]	GokgurHO18 [330]	GoldwaserS17 [331]	GoldwaserS18 [332]
Goltz95 [333]	GombolayWS18 [334]	GomesHS06 [335]	GomesM17 [336]	GongLMW09 [337]	GrimesH10 [339]
GrimesH11 [340]	GrimesH15 [341]	GrimesHM09 [342]	GrimesIOS14 [343]	Groleaz21 [344]	GroleazNS20 [346]
GroleazNS20a [345]	Gronkvist06 [347]	GruianK98 [348]	GuSS13 [349]	GuSSWC14 [350]	GuSW12 [351]
GuoHLW20 [352]	GuoZ23 [353]	GurEA19 [873]	GurPAE23 [354]	GuyonLPR12 [355]	HachemiGR11 [356]
Ham18 [363]	Ham18a [357]	Ham20 [359]	Ham20a [358]	HamC16 [364]	HamFC17 [360]
HamP21 [361]	HamPK21 [362]	HamdiL13 [365]	Hamscher91 [366]	HanenKP21 [367]	HarjunkoskiG02 [368]
HarjunkoskiJG00 [369]	HarjunkoskiMBC14 [370]	HauderBRPA20 [374]	He0GLW18 [375]	HebrardALLCMR22 [376]	HebrardHJMPV16 [3
HebrardTW05 [378]	HechingH16 [380]	HechingHK19 [379]	HeckmanB11 [381]	HeinzB12 [382]	HeinzKB13 [383]
HeinzNVH22 [387]	HeinzS11 [385]	HeinzSB13 [386]	HeinzSSW12 [384]	HeipckeCCS00 [389]	HentenryckM04 [391]
HentenryckM08 [392]	HermenierDL11 [393]	HillBCGN22 [395]	HillTV21 [396]	HladikCDJ08 [397]	HoYCLLCLC18 [398]
HoeveGSL07 [800]	Hooker00 [399]	Hooker02 [400]	Hooker04 [401]	Hooker05 [402]	Hooker05a [403]
Hooker05b [404]	Hooker06 [405]	Hooker06a [406]	Hooker07 [407]	Hooker10 [408]	Hooker17 [409]
Hooker19 [410]	HookerH17 [414]	HookerO03 [412]	HookerO99 [411]	HookerOTK00 [413]	HookerY02 [415]
HoundjiSW19 [416]	HoundjiSWD14 [417]	HubnerGSV21 [418]	Hunsberger08 [419]	HurleyOS16 [420]	IfrimOS12 [421]
IsikYA23 [422]	JainG01 [425]	JainM99 [424]	Jans09 [426]	JelinekB16 [427]	JoLLH99 [428]
Johnston05 [201]	JourdanFRD94 [429]	JungblutK22 [430]	Junker00 [431]	JussienL02 [432]	JuvinHHL23 [433]
JuvinHL22 [434]	JuvinHL23 [435]	JuvinHL23a [436]	KamarainenS02 [437]	Kameugne14 [438]	Kameugne15 [439]
KameugneF13 [442]	KameugneFGOQ18 [440]	KameugneFND23 [441]	KameugneFSN11 [443]	KameugneFSN14 [444]	KanetAG04 [445]
KelarevaTK13 [446]	KelbelH11 [447]	KeriK07 [448]	KhayatLR06 [449]	KhemmoudjPB06 [450]	KimCMLLP23 [451]
KinsellaS0OS16 [452]	KizilayC20 [453]	KlankeBYE21 [454]	KletzanderM17 [455]	KletzanderM20 [456]	KletzanderMH21 [457
KoehlerBFFHPSSS21 [458]	KorbaaYG00 [462]	KorbaaYG99 [461]	KoschB14 [463]	KotaryFH22 [464]	KovacsB07 [465]

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1	2	3	4	5	6
KovacsB08 [466]	KovacsB11 [467]	KovacsEKV05 [468]	KovacsK11 [469]	KovacsTKSG21 [472]	KovacsV04 [470]
KovacsV06 [471]	KreterSS15 [473]	KreterSS17 [474]	KreterSSZ18 [475]	KrogtLPHJ07 [799]	KuB16 [476]
Kuchcinski03 [477]	KuchcinskiW03 [478]	KucukY19 [480]	Kumar03 [479]	Laborie03 [481]	Laborie09 [482]
Laborie18a [483]	LaborieR14 [485]	LaborieRSV18 [484]	LacknerMMWW21 [486]	LacknerMMWW23 [487]	LahimerLH11 [488]
LammaMM97 [490]	LauLN08 [491]	Layfield02 [493]	LeeKLKKYHP97 [494]	Lemos21 [495]	Letort13 [496]
LetortBC12 [497]	LetortCB13 [498]	LetortCB15 [499]	LiFJZLL22 [502]	LiLZDZW24 [501]	LiW08 [500]
LiessM08 [503]	LimAHO02a [504]	LimBTBB15 [508]	LimBTBB15a [507]	LimHTB16 [506]	LimRX04 [505]
Limtanyakul07 [509]	LimtanyakulS12 [510]	LipovetzkyBPS14 [511]	LiuCGM17 [515]	LiuGT10 [513]	LiuJ06 [516]
LiuLH19 [512]	LiuW11 [514]	Lombardi10 [517]	LombardiBM15 [518]	LombardiBMB11 [519]	LombardiM09 [520]
LombardiM10 [522]	LombardiM10a [521]	LombardiM12 [524]	LombardiM12a [523]	LombardiM13 [525]	LombardiMB13 [526]
LombardiMRB10 [527]	LopesCSM10 [528]	LopezAKYG00 [529]	LorigeonBB02 [530]	LouieVNB14 [531]	LozanoCDS12 [532]
LuZZYW24 [533]	LudwigKRBMS14 [535]	Lunardi20 [537]	LunardiBLRV20 [536]	LuoB22 [539]	LuoVLBM16 [538]
Madi-WambaB16 [542]	Madi-WambaLOBM17 [543]	MakMS10 [544]	Malapert11 [545]	MalapertCGJLR12 [546]	MalapertCGJLR13 [5
MalapertGR12 [548]	MalapertN19 [549]	Malik08 [550]	MalikMB08 [551]	MaraveliasCG04 [552]	MaraveliasG04 [553]
MarliereSPR23 [554]	MartinPY01 [556]	MartnezAJ22 [557]	Mason01 [558]	Mehdizadeh-Somarin23 [559]	MejiaY20 [560]
MelgarejoLS15 [15]	Menana11 [561]	MenciaSV12 [562]	MenciaSV13 [563]	MengGRZSC22 [564]	MengLZB21 [565]
MengZRZL20 [566]	Mercier-AubinGQ20 [569]	MercierH07 [568]	MercierH08 [567]	MeskensDHG11 [570]	Milano11 [571]
MilanoORT02 [572]	MilanoW06 [573]	MilanoW09 [574]	MintonJPL90 [575]	MintonJPL92 [576]	MoffittPP05 [577]
MokhtarzadehTNF20 [578]	MonetteDD07 [579]	MonetteDH09 [580]	MontemanniD23 [582]	MontemanniD23a [581]	MorgadoM97 [583]
MossigeGSMC17 [584]	MouraSCL08 [586]	MouraSCL08a [585]	MullerMKP22 [587]	MurinR19 [588]	MurphyMB15 [590]
MurphyRFSS97 [589]	MurthyRAW97 [591]	Muscettola02 [593]	Muscettola94 [592]	MusliuSS18 [594]	NaderiBZ22 [597]
NaderiBZ22a [595]	NaderiBZ23 [598]	NaderiBZR23 [596]	NaderiR22 [599]	NaderiRBAU21 [600]	NaderiRR23 [601]
Nattaf16 [602]	NattafAL15 [603]	NattafAL17 [604]	NattafALR16 [605]	NattafDYW19 [606]	NattafHKAL19 [607]
NattafM20 [608]	NeronABCDD06 [623]	NishikawaSTT18 [611]	NishikawaSTT18a [612]	NishikawaSTT19 [613]	NouriMHD23 [794]
NovaraNH16 [614]	Novas19 [615]	NovasH10 [616]	NovasH12 [617]	NovasH14 [618]	NuijtenA94 [620]
NuijtenA94a [619]	NuijtenA96 [621]	NuijtenP98 [622]	OddiPCC03 [624]	OddiPCC05 [625]	OddiRC10 [626]
OddiS97 [627]	OhrimenkoSC09 [628]	OkanoDTRYA04 [629]	OrnekO16 [630]	OrnekOS20 [631]	OuelletQ13 [632]
OuelletQ18 [633]	OuelletQ22 [634]	OujanaAYB22 [635]	OzturkTHO10 [637]	OzturkTHO12 [636]	OzturkTHO13 [638]
OzturkTHO15 [639]	PandeyS21a [640]	PapaB98 [644]	Pape94 [641]	PapeB96 [642]	PapeB97 [643]
ParkUJR19 [645]	PembertonG98 [646]	PengLC14 [647]	PenzDN23 [648]	PerezGSL23 [649]	PerronSF04 [651]
PesantGPR99 [652]	PesantRR15 [653]	PeschT96 [654]	PinarbasiA20 [671]	PintoG97 [657]	PoderB08 [658]
PoderBS04 [659]	PohlAK22 [660]	PolicellaWSO05 [661]	Polo-MejiaALB20 [662]	PopovicCGNC22 [663]	PourDERB18 [664]
PovedaAA23 [665]	Pralet17 [666]	PraletLJ15 [667]	PrataAN23 [668]	Puget95 [670]	QinDCS20 [673]
QinDS16 [674]	QinWSLS21 [672]	QuSN06 [675]	QuirogaZH05 [676]	RabbaniMM21 [677]	ReddyFIBKAJ11 [67
Refalo00 [680]	RenT09 [681]	RendlPHPR12 [682]	RiahiNS018 [683]	RiiseML16 [684]	Rit86 [685]
Rodosek94 [686]	RodosekW98 [687]	RodosekWH99 [688]	Rodriguez07 [689]	Rodriguez07b [690]	RodriguezDG02 [691]

Table 1: Key Overview (Total: 831)

1	2	3	4	5	6
RodriguezS09 [692]	RoePS05 [693]	RoshanaeiBAUB20 [694]	RoshanaeiLAU17 [695]	RoshanaeiLAU17a [696]	RoshanaeiN21 [697]
RossiTHP07 [698]	RoweJCA96 [699]	RuggieroBBMA09 [700]	SacramentoSP20 [701]	SadehF96 [702]	Sadykov04 [703]
SadykovW06 [704]	SakkoutRW98 [705]	SakkoutW00 [706]	Schaerf96 [707]	SchausD08 [708]	SchausHMCMD11 [70
SchildW00 [710]	SchnellH15 [711]	SchnellH17 [712]	Schutt11 [713]	SchuttCSW12 [714]	SchuttFS13 [716]
SchuttFS13a [715]	SchuttFSW09 [717]	SchuttFSW11 [719]	SchuttFSW13 [720]	SchuttFSW15 [721]	SchuttS16 [722]
SchuttW10 [723]	SchuttWS05 [724]	SenderovichBB19 [725]	SerraNM12 [726]	ShaikhK23 [727]	ShiYXQ22 [729]
ShinBBHO18 [730]	Siala15 [731]	Siala15a [732]	SialaAH15 [733]	SimoninAHL12 [734]	SimoninAHL15 [735]
Simonis07 [739]	Simonis95 [737]	Simonis95a [736]	Simonis99 [738]	SimonisC95 [741]	SimonisCK00 [740]
SimonisH11 [742]	SmithBHW96 [743]	SmithC93 [744]	SourdN00 [745]	SquillaciPR23 [746]	StidsenKM96 [747]
SubulanC22 [748]	SunLYL10 [751]	SunTB19 [749]	SureshMOK06 [752]	SvancaraB22 [753]	SzerediS16 [754]
TanSD10 [757]	TanT18 [756]	TanZWGQ19 [758]	TangB20 [759]	TangLWSK18 [760]	TardivoDFMP23 [761
TasselGS23 [762]	Tay92 [764]	Teppan22 [765]	TerekhovDOB12 [766]	TerekhovTDB14 [767]	Tesch16 [768]
Tesch18 [769]	ThiruvadyBME09 [770]	ThiruvadyWGS14 [771]	ThomasKS20 [772]	Thorsteinsson01 [773]	Timpe02 [774]
Tom19 [775]	TopaloglugO11 [776]	TopaloglugSS12 [777]	TorresL00 [778]	TouatBT22 [779]	Touraivane95 [780]
TranAB16 [781]	TranB12 [782]	TranDRFWOVB16 [783]	TranPZLDB18 [784]	TranTDB13 [785]	TranVNB17 [786]
TranVNB17a [787]	TranWDRFOVB16 [788]	TrojetHL11 [789]	Tsang03 [790]	TsurutaS00 [791]	UnsalO13 [792]
UnsalO19 [793]	Valdes87 [795]	ValleMGT03 [796]	VanczaM01 [801]	VerfaillieL01 [802]	Vilim02 [803]
Vilim03 [804]	Vilim04 [805]	Vilim05 [806]	Vilim09 [807]	Vilim09a [808]	Vilim11 [809]
VilimBC04 [810]	VilimBC05 [811]	VilimLS15 [812]	VillaverdeP04 [813]	VlkHT21 [814]	Wallace06 [817]
Wallace94 [815]	Wallace96 [816]	WallaceF00 [819]	WallaceY20 [818]	WangB20 [820]	WangB23 [821]
WangMD15 [822]	WariZ19 [823]	WatsonB08 [825]	WatsonBHW99 [824]	WeilHFP95 [826]	WessenCS20 [827]
WikarekS19 [828]	WinterMMW22 [829]	Wolf03 [830]	Wolf05 [831]	Wolf09 [835]	Wolf11 [832]
WolfS05 [834]	WolfS05a [833]	WolinskiKG04 [836]	WuBB05 [837]	WuBB09 [838]	YangSS19 [839]
YeGMH94 [840]	YoshikawaKNW94 [841]	YounespourAKE19 [842]	YoungFS17 [843]	YunusogluY22 [845]	YuraszeckMC23 [846]
YuraszeckMCCR23 [848]	YuraszeckMPV22 [847]	Zahout21 [849]	ZampelliVSDR13 [850]	ZarandiASC20 [852]	ZarandiB12 [280]
ZarandiKS16 [851]	Zeballos10 [853]	ZeballosCM10 [856]	ZeballosH05 [854]	ZeballosM09 [857]	ZeballosNH11 [858]
ZeballosQH10 [855]	ZhangBB22 [860]	ZhangJZL22 [859]	ZhangLS12 [863]	ZhangW18 [862]	ZhangYW21 [861]
ZhaoL14 [864]	Zhou96 [865]	Zhou97 [866]	ZhouGL15 [867]	ZhuS02 [868]	ZhuSZW23 [869]
ZibranR11 [870]	ZibranR11a [871]	ZouZ20 [872]	abs-0907-0939 [655]	abs-1009-0347 [718]	abs-1901-07914 [103]
abs-1902-01193 [19]	abs-1902-09244 [373]	abs-1911-04766 [311]	abs-2102-08778 [206]	abs-2211-14492 [750]	abs-2305-19888 [388]
abs-2306-05747 [763]	abs-2312-13682 [650]	abs-2402-00459 [610]			

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 paper are sorted by year of publication (newest first), and then alphabetically by key.

The key contains a hyperlink to the original source URL of the paper. You may have to navigate manually to download the actual paper content, and you may be unable to access the paper completely 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 other 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 to typically show the correct page, not do not necessarily scroll to the correct line in the table.

2.1 Papers from bibtex

Table 2: Works from bibtex (Total 411)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse	Toward a Global Constraint for Minimizing the Flowtime	Yes	[146]	2024	ICORES 2024	12	0	0	482	n/a
FalqueALM24 FalqueALM24	T. Falque, G. Audemard, C. Lecoutre, B. Mazure	Check-In Desk Scheduling Optimisation at CDG International Airport	Yes	[276]	2024	AAAI 2024	9	0	0	535	803
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	[501]	2024	AAAI 2024	9	0	0	643	804
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	412	805
Bit-Monnot23 Bit-Monnot23	A. Bit-Monnot	Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling	Yes	[126]	2023	ECAI 2023	8	0	0	471	806
EfthymiouY23 EfthymiouY23	N. Efthymiou, N. Yorke-Smith	Predicting the Optimal Period for Cyclic Hoist Scheduling Problems	Yes	[254]	2023	CPAIOR 2023	16	0	23	527	807
JuvinHHL23 JuvinHHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[433]	2023	CP 2023	16	0	0	607	808
JuvinHL23 JuvinHL23	C. Juvin, L. Houssin, P. Lopez	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	Yes	[435]	2023	CPAIOR 2023	16	0	11	608	809
KameugneFND23 KameugneFND23	R. Kameugne, Sévérine Betmbe Fetgo, T. Noulamo, Clémentin Tayou Djamégni	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density	Yes	[441]	2023	CP 2023	17	0	0	611	810
KimCMLLP23 KimCMLLP23	D. Kim, Y. Choi, K. Moon, M. Lee, K. Lee, Michael L. Pinedo	Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting	Yes	[451]	2023	CPAIOR 2023	16	0	13	616	811
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23	Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, Behdin Vahedi Nouri	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	Yes	[559]	2023	APMS 2023	14	0	0	669	812
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[649]	2023	ICTAI 2023	7	0	0	699	813
PovedaAA23 PovedaAA23	G. Povéda, N. Álvarez, C. Artigues	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars	Yes	[665]	2023	CP 2023	21	0	0	705	814
SquillaciPR23 SquillaciPR23	S. Squillaci, C. Pralet, S. Roussel	Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches	Yes	[746]	2023	CPAIOR 2023	17	0	19	740	815
TardivoDFMP23 TardivoDFMP23	F. Tardivo, A. Dovier, A. Formisano, L. Michel, E. Pontelli	Constraint Propagation on GPU: A Case Study for the Cumulative Constraint	Yes	[761]	2023	CPAIOR 2023	18	0	30	747	816
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	[762]	2023	ICAPS 2023	9	0	0	748	817
WangB23 WangB23	R. Wang, N. Barnier	Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling	Yes	[821]	2023	ICTAI 2023	8	0	0	778	818
YuraszeckMC23 YuraszeckMC23	F. Yuraszeck, G. Mejía, D. Canut-de-Bon	A competitive constraint programming approach for the group shop scheduling problem	Yes	[846]	2023	ANT 2023	6	1	15	793	819
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	[37]	2022	CPAIOR 2022	13	0	14	427	820
BoudreaultSLQ22 BoudreaultSLQ22	R. Boudreault, V. Simard, D. Lafond, C. Quimper	A Constraint Programming Approach to Ship Refit Project Scheduling	Yes	[152]	2022	CP 2022	16	0	0	484	821
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	[314]	2022	CPAIOR 2022	18	0	24	557	822
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[376]	2022	IJCAI 2022	7	0	0	582	n/a

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JungblutK22 JungblutK22	P. Jungblut, D. Kranzlmüller	Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming	Yes	[430]	2022	IPDPS 2022	4	0	0	605	823
KotaryFH22 KotaryFH22	J. Kotary, F. Fioretto, Pascal Van Hentenryck	Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method	Yes	[464]	2022	AAAI 2022	8	0	0	624	824
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	[502]	2022	ICNSC 2022	6	0	31	642	825
LuoB22 LuoB22	Yiqing L. Luo, J. Christopher Beck	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	Yes	[539]	2022	CPAIOR 2022	17	0	28	661	826
OuelletQ22 OuelletQ22	Y. Ouellet, C. Quimper	A MinCumulative Resource Constraint	Yes	[634]	2022	CPAIOR 2022	17	1	22	695	827
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	[635]	2022	CoDIT 2022	6	1	21	696	828
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	[663]	2022	CP 2022	15	0	0	704	829
SvancaraB22 SvancaraB22	J. Svancara, R. Barták	Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling	Yes	[753]	2022	ICAART 2022	8	0	0	742	n/a
Teppan22 Teppan22	Erich Christian Teppan	Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment	Yes	[765]	2022	ICAART 2022	8	0	0	749	830
TouatBT22 TouatBT22	M. Touat, B. Benhamou, Fatima Benbouzid-Si Tayeb	A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints	Yes	[779]	2022	ICAART 2022	8	0	0	756	831
WinterMMW22 WinterMMW22	F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Yes	[829]	2022	CP 2022	18	0	0	782	832
ZhangBB22 ZhangBB22	J. Zhang, Giovanni Lo Bianco, J. Christopher Beck	Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware	Yes	[860]	2022	ICAPS 2022	9	1	0	795	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	[859]	2022	ICNSC 2022	6	0	21	796	833
AntuoriHHEN21 AntuoriHHEN21	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	Yes	[30]	2021	CP 2021	16	0	0	424	834
ArmstrongGOS21 ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[36]	2021	CP 2021	18	1	0	426	835
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[43]	2021	ICORES 2021	8	0	0	430	n/a
Astrand0F21 Astrand0F21	M. Åstrand, M. Johansson, Hamid Reza Feyzmahdavian	Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS	Yes	[49]	2021	CPAIOR 2021	18	2	25	432	836
BenderWS21 BenderWS21	T. Bender, D. Wittwer, T. Schmidt	Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics	Yes	[111]	2021	ICCL 2021	16	1	16	461	837
GeibingerKKMMW21 GeibingerKKMMW21	T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter	Physician Scheduling During a Pandemic	Yes	[310]	2021	CPAIOR 2021	10	0	6	554	838
GeibingerMM21 GeibingerMM21	T. Geibinger, F. Mischek, N. Musliu	Constraint Logic Programming for Real-World Test Laboratory Scheduling	Yes	[313]	2021	AAAI 2021	9	0	0	556	839
HanenKP21 HanenKP21	C. Hanen, Alix Munier Kordon, T. Pedersen	Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors	Yes	[367]	2021	CPAIOR 2021	17	1	24	580	840
HillTV21 HillTV21	A. Hill, J. Ticktin, Thomas W. M. Vossen	A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects	Yes	[396]	2021	CPAIOR 2021	19	0	38	591	841

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KlankeBYE21 KlankeBYE21	C. Klanke, Dominik R. Bleidorn, V. Yfantis, S. Engell	Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant	Yes	[454]	2021	CPAIOR 2021	16	3	13	618	842
KletzanderMH21 KletzanderMH21	L. Kletzander, N. Musliu, Pascal Van Hentenryck	Branch and Price for Bus Driver Scheduling with Complex Break Constraints	Yes	[457]	2021	AAAI 2021	9	2	0	621	n/a
KovacsTKSG21 KovacsTKSG21	B. Kovács, P. Tassel, W. Kohlenbrein, P. Schrott-Kostwein, M. Gebser	Utilizing Constraint Optimization for Industrial Machine Workload Balancing	Yes	[472]	2021	CP 2021	17	0	0	627	843
LacknerMMWW21 LacknerMMWW21	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	Yes	[486]	2021	CP 2021	18	0	0	636	844
AntuoriHHEN20 AntuoriHHEN20	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing	Yes	[29]	2020	CP 2020	16	3	8	423	845
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	[81]	2020	Fog-IoT 2020	9	0	0	446	846
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	[326]	2020	AAAI 2020	8	1	0	565	847
GokGSTO20 GokGSTO20	Yagmur S. Gök, D. Guimarans, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[328]	2020	CPAIOR 2020	17	2	14	566	n/a
GroleazNS20 GroleazNS20	L. Groleaz, Samba Ndojh Ndiaye, C. Solnon	Solving the Group Cumulative Scheduling Problem with CPO and ACO	Yes	[346]	2020	CP 2020	17	1	25	573	848
GroleazNS20a GroleazNS20a	L. Groleaz, Samba Ndojh Ndiaye, C. Solnon	ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint	Yes	[345]	2020	GECCO 2020	9	3	28	574	849
KletzanderM20 KletzanderM20	L. Kletzander, N. Musliu	Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints	Yes	[456]	2020	ICAPS 2020	10	0	0	620	n/a
Mercier-AubinGQ20 Mercier-AubinGQ20	A. Mercier-Aubin, J. Gaudreault, C. Quimper	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	Yes	[569]	2020	CPAIOR 2020	13	2	13	671	850
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[608]	2020	CP 2020	16	0	6	686	851
TangB20 TangB20	Tanya Y. Tang, J. Christopher Beck	CP and Hybrid Models for Two-Stage Batching and Scheduling	Yes	[759]	2020	CPAIOR 2020	16	6	12	746	852
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[772]	2020	CPAIOR 2020	18	0	16	753	853
WangB20 WangB20	R. Wang, N. Barnier	Global Propagation of Transition Cost for Fixed Job Scheduling	Yes	[820]	2020	ECAI 2020	8	0	0	777	854
WessenCS20 WessenCS20	J. Wessén, M. Carlsson, C. Schulte	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Yes	[827]	2020	CPAIOR 2020	10	2	11	781	855
BadicaBIL19 BadicaBIL19	A. Badica, C. Badica, M. Ivanovic, D. Logofatu	Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming	Yes	[54]	2019	IDC 2019	11	2	6	434	856
BehrensLM19 BehrensLM19	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[102]	2019	ICRA 2019	7	12	18	456	857
BogaerdtW19 BogaerdtW19	Pim van den Bogaerdt, Mathijs de Weerdt	Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams	Yes	[798]	2019	CPAIOR 2019	16	1	16	475	858
ColT19 ColT19	Giacomo Da Col, Erich Christian Teppan	Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers	Yes	[207]	2019	CP 2019	17	11	12	509	859
FrimodigS19 FrimodigS19	S. Frimodig, C. Schulte	Models for Radiation Therapy Patient Scheduling	Yes	[294]	2019	CP 2019	17	3	26	544	860
FrohnerTR19 FrohnerTR19	N. Frohner, S. Teuschl, Günther R. Raidl	Casual Employee Scheduling with Constraint Programming and Metaheuristics	Yes	[296]	2019	EUROCAST 2019	9	0	6	545	n/a

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GalleguillosKSB19 GalleguillosKSB19	C. Galleguillos, Z. Kiziltan, A. Sîrbu, Özalp Babaoglu	Constraint Programming-Based Job Dispatching for Modern HPC Applications	Yes	[299]	2019	CP 2019	18	1	27	548	861
GeibingerMM19 GeibingerMM19	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling	Yes	[312]	2019	CPAIOR 2019	16	6	15	555	n/a
KucukY19 KucukY19	M. Küçük, Seyda Topaloglu Yildiz	A Constraint Programming Approach for Agile Earth Observation Satellite Scheduling Problem	Yes	[480]	2019	RAST 2019	5	2	17	632	n/a
LiuLH19 LiuLH19	K. Liu, S. Löffler, P. Hofstedt	Solving the Talent Scheduling Problem by Parallel Constraint Programming	Yes	[512]	2019	AIAI 2019	9	1	5	652	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	[549]	2019	CPAIOR 2019	17	1	7	667	n/a
MurinR19 MurinR19	S. Murín, H. Rudová	Scheduling of Mobile Robots Using Constraint Programming	Yes	[588]	2019	CP 2019	16	2	22	680	862
ParkUJR19 ParkUJR19	H. Park, J. Um, J. Jung, M. Ruskowski	Developing a Production Scheduling System for Modular Factory Using Constraint Programming	Yes	[645]	2019	RAAD 2019	8	1	3	697	n/a
SenderovichBB19 SenderovichBB19	A. Senderovich, Kyle E. C. Booth, J. Christopher Beck	Learning Scheduling Models from Event Data	Yes	[725]	2019	ICAPS 2019	9	0	0	730	863
Tom19 Tom19	M. Tom	Fuzzy Multi-Constraint Programming Model for Weekly Meals Scheduling	Yes	[775]	2019	FUZZ-IEEE 2019	6	0	21	755	n/a
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Time Table Edge Finding with Energy Variables	Yes	[839]	2019	CPAIOR 2019	10	1	14	790	n/a
AgussurjaKL18 AgussurjaKL18	L. Agussurja, A. Kumar, Hoong Chuin Lau	Resource-Constrained Scheduling for Maritime Traffic Management	Yes	[16]	2018	AAAI 2018	8	4	0	417	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
ArbaouiY18 ArbaouiY18	T. Arbaoui, F. Yalaoui	Solving the Unrelated Parallel Machine Scheduling Problem with Additional Resources Using Constraint Programming	Yes	[33]	2018	ACIIDS 2018	10	2	14	425	n/a
AstrandJZ18 AstrandJZ18	M. Åstrand, M. Johansson, A. Zanarini	Fleet Scheduling in Underground Mines Using Constraint Programming	Yes	[50]	2018	CPAIOR 2018	9	9	10	433	n/a
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[114]	2018	CPAIOR 2018	10	2	12	462	864
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[172]	2018	CP 2018	17	6	31	492	865
DemirovicS18 DemirovicS18	E. Demirovic, Peter J. Stuckey	Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts	Yes	[232]	2018	CPAIOR 2018	18	4	16	517	n/a
He0GLW18 He0GLW18	S. He, Mark G. Wallace, G. Gange, A. Liebman, C. Wilson	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	Yes	[375]	2018	CP 2018	18	6	26	581	866
HoYCLLCLC18 HoYCLLCLC18	T. Ho, J. Yao, Y. Chang, F. Lai, J. Lai, S. Chu, W. Liao, H. Chiu	A Platform for Dynamic Optimal Nurse Scheduling Based on Integer Linear Programming along with Multiple Criteria Constraints	Yes	[398]	2018	AICCC 2018	6	2	14	592	n/a
KameugneFGOQ18 KameugneFGOQ18	R. Kameugne, Sévérine Betmbe Fetgo, V. Gingras, Y. Ouellet, C. Quimper	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint	Yes	[440]	2018	CPAIOR 2018	17	1	12	610	n/a
Laborie18a Laborie18a	P. Laborie	An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling	Yes	[483]	2018	CPAIOR 2018	9	18	10	635	n/a
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[594]	2018	CPAIOR 2018	17	7	23	685	n/a
NishikawaSTT18 NishikawaSTT18	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Fork-Join Tasks with Constraint Programming	Yes	[611]	2018	CANDAR 2018	6	2	14	687	n/a
NishikawaSTT18a NishikawaSTT18a	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Tasks Based on Constraint Programming	Yes	[612]	2018	TENCON 2018	6	1	9	688	n/a

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OuelletQ18 OuelletQ18	Y. Ouellet, C. Quimper	A O(n \log ˆ2 n) Checker and O(nˆ2 \log n) Filtering Algorithm for the Energetic Reasoning	Yes	[633]	2018	CPAIOR 2018	18	6	16	694	n/a
RiahiNS018 RiahiNS018	V. Riahi, M. A. Hakim Newton, K. Su, A. Sattar	Local Search for Flowshops with Setup Times and Blocking Constraints	Yes	[683]	2018	ICAPS 2018	9	4	0	714	n/a
TanT18 TanT18	Y. Tan, D. Terekhov	Logic-Based Benders Decomposition for Two-Stage Flexible Flow Shop Scheduling with Unrelated Parallel Machines	Yes	[756]	2018	Canadian AI 2018	12	1	23	745	n/a
Tesch18 Tesch18	A. Tesch	Improving Energetic Propagations for Cumulative Scheduling	Yes	[769]	2018	CP 2018	17	5	21	751	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	[135]	2017	CP 2017	9	1	12	472	n/a
CappartS17 CappartS17	Q. Cappart, P. Schaus	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables	Yes	[171]	2017	CPAIOR 2017	16	2	28	491	867
CohenHB17 CohenHB17	E. Cohen, G. Huang, J. Christopher Beck	(I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals	Yes	[205]	2017	SAT 2017	17	1	12	508	n/a
GelainPRVW17 GelainPRVW17	M. Gelain, Maria Silvia Pini, F. Rossi, Kristen Brent Venable, T. Walsh	A Local Search Approach for Incomplete Soft Constraint Problems: Experimental Results on Meeting Scheduling Problems	Yes	[315]	2017	CPAIOR 2017	16	1	5	558	n/a
GoldwaserS17 GoldwaserS17	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[331]	2017	CP 2017	16	0	10	567	868
Hooker17 Hooker17	John N. Hooker	Job Sequencing Bounds from Decision Diagrams	Yes	[409]	2017	CP 2017	14	6	24	597	n/a
KletzanderM17 KletzanderM17	L. Kletzander, N. Musliu	A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem	Yes	[455]	2017	CPAIOR 2017	15	1	9	619	n/a
LiuCGM17 LiuCGM17	T. Liu, Roberto Di Cosmo, M. Gabbrielli, J. Mauro	NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities	Yes	[515]	2017	CP 2017	17	0	15	650	869
Madi-WambaLOBM17 Madi-WambaLOBM17	G. Madi-Wamba, Y. Li, A. Orgerie, N. Beldiceanu, J. Menaud	Green Energy Aware Scheduling Problem in Virtualized Datacenters	Yes	[543]	2017	ICPADS 2017	8	1	8	664	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	[584]	2017	CP 2017	18	6	33	677	n/a
Pralet17 Pralet17	C. Pralet	An Incomplete Constraint-Based System for Scheduling with Renewable Resources	Yes	[666]	2017	CP 2017	19	1	30	706	n/a
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[787]	2017	IJCAI 2017	5	1	0	761	n/a
YoungFS17 YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[843]	2017	CP 2017	10	6	21	792	870
AmadiniGM16 AmadiniGM16	R. Amadini, M. Gabbrielli, J. Mauro	Parallelizing Constraint Solvers for Hard RCPSP Instances	Yes	[25]	2016	LION 2016	7	2	16	420	871
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[145]	2016	CP 2016	17	0	11	481	872
BoothNB16 BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes	Yes	[147]	2016	CP 2016	17	21	24	483	n/a
BridiLBBM16 BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized DIspatching and Scheduling	Yes	[159]	2016	ECAI 2016	2	0	0	486	n/a
CatusseCBL16 CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A. Lagrange, P. Rubini	A Branch-and-Price Algorithm for Scheduling Observations on a Telescope	Yes	[183]	2016	IJCAI 2016	7	0	0	495	n/a
CauwelaertDMS16 CauwelaertDMS16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus	Efficient Filtering for the Unary Resource with Family-Based Transition Times	Yes	[184]	2016	CP 2016	16	1	12	496	873
FontaineMH16 FontaineMH16	D. Fontaine, Laurent D. Michel, Pascal Van Hentenryck	Parallel Composition of Scheduling Solvers	Yes	[285]	2016	CPAIOR 2016	11	3	0	537	n/a
FrankDT16 FrankDT16	J. Frank, M. Do, Tony T. Tran	Scheduling Ocean Color Observations for a GEO-Stationary Satellite	Yes	[290]	2016	ICAPS 2016	9	4	0	541	n/a

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GilesH16 GilesH16	K. Giles, Willem-Jan van Hoeve	Solving a Supply-Delivery Scheduling Problem with Constraint Programming	Yes	[321]	2016	CP 2016	16	2	6	561	n/a
GingrasQ16 GingrasQ16	V. Gingras, C. Quimper	Generalizing the Edge-Finder Rule for the Cumulative Constraint	Yes	[322]	2016	IJCAI 2016	7	0	0	562	n/a
HechingH16 HechingH16	Aliza R. Heching, John N. Hooker	Scheduling Home Hospice Care with Logic-Based Benders Decomposition	Yes	[380]	2016	CPAIOR 2016	11	10	0	584	n/a
JelinekB16 JelinekB16	J. Jelínek, R. Barták	Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station	Yes	[427]	2016	PADL 2016	10	0	5	602	n/a
KinsellaS0OS16 KinsellaS0OS16	A. Kinsella, Alan F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis	Optimizing Energy Costs in a Zinc and Lead Mine	Yes	[452]	2016	AAAI 2016	6	1	0	617	n/a
LimHTB16 LimHTB16	B. Lim, Hassan L. Hijazi, S. Thiébaux, Menkes van den Briel	Online HVAC-Aware Occupancy Scheduling with Adaptive Temperature Control	Yes	[506]	2016	CP 2016	18	2	23	646	n/a
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[538]	2016	KR 2016	4	0	0	662	n/a
Madi-WambaB16 Madi-WambaB16	G. Madi-Wamba, N. Beldiceanu	The TaskIntersection Constraint	Yes	[542]	2016	CPAIOR 2016	16	0	0	663	n/a
SchuttS16 SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[722]	2016	CP 2016	17	3	23	727	n/a
SzerediS16 SzerediS16	R. Szeredi, A. Schutt	Modelling and Solving Multi-mode Resource-Constrained Project Scheduling	Yes	[754]	2016	CP 2016	10	9	14	743	n/a
Tesch16 Tesch16	A. Tesch	A Nearly Exact Propagation Algorithm for Energetic Reasoning in \mathcal O(n^2 \log n)	Yes	[768]	2016	CP 2016	27	4	14	750	n/a
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[783]	2016	SOCS 2016	9	3	0	759	n/a
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[788]	2016	AAAI 2016	9	0	0	762	n/a
BartakV15 BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[77]	2015	ICAART 2015	12	0	0	444	n/a
BofillGSV15 BofillGSV15	M. Bofill, M. Garcia, J. Suy, M. Villaret	MaxSAT-Based Scheduling of B2B Meetings	Yes	[137]	2015	CPAIOR 2015	9	7	8	474	n/a
BurtLPS15 BurtLPS15	Christina N. Burt, N. Lipovetzky, Adrian R. Pearce, Peter J. Stuckey	Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study	Yes	[164]	2015	CPAIOR 2015	17	0	8	488	n/a
CauwelaertLS15 CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[185]	2015	CPAIOR 2015	10	12	0	497	874
DejemeppeCS15 DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[228]	2015	CP 2015	16	5	11	515	875
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[268]	2015	CP 2015	18	3	12	534	n/a
GayHLS15 GayHLS15	S. Gay, R. Hartert, C. Lecoutre, P. Schaus	Conflict Ordering Search for Scheduling Problems	Yes	[304]	2015	CP 2015	9	20	15	550	876
GayHS15 GayHS15	S. Gay, R. Hartert, P. Schaus	Simple and Scalable Time-Table Filtering for the Cumulative Constraint	Yes	[305]	2015	CP 2015	9	10	9	551	877
GayHS15a GayHS15a	S. Gay, R. Hartert, P. Schaus	Time-Table Disjunctive Reasoning for the Cumulative Constraint	Yes	[306]	2015	CPAIOR 2015	16	5	12	552	878
KreterSS15 KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[473]	2015	CP 2015	17	7	16	630	n/a
LimBTBB15 LimBTBB15	B. Lim, Menkes van den Briel, S. Thiébaux, R. Bent, S. Backhaus	Large Neighborhood Search for Energy Aware Meeting Scheduling in Smart Buildings	Yes	[508]	2015	CPAIOR 2015	15	4	18	645	n/a
LimBTBB15a LimBTBB15a	B. Lim, Menkes van den Briel, S. Thiébaux, S. Backhaus, R. Bent	HVAC-Aware Occupancy Scheduling	No	[507]	2015	AAAI 2015	8	3	0	No	n/a

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LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[518]	2015	CP 2015	16	0	8	653	n/a
MelgarejoLS15 MelgarejoLS15	P. Aguiar-Melgarejo, P. Laborie, C. Solnon	A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems	Yes	[15]	2015	CPAIOR 2015	17	14	17	670	n/a
MurphyMB15 MurphyMB15	Seán Óg Murphy, O. Manzano, Kenneth N. Brown	Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System	Yes	[590]	2015	CP 2015	17	1	20	681	n/a
PesantRR15 PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[653]	2015	CPAIOR 2015	16	1	7	701	n/a
PraletLJ15 PraletLJ15	C. Pralet, S. Lemai-Chenevier, J. Jaubert	Scheduling Running Modes of Satellite Instruments Using Constraint-Based Local Search	Yes	[667]	2015	CP 2015	16	0	8	707	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[733]	2015	CP 2015	10	4	17	732	879
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[812]	2015	CPAIOR 2015	17	31	19	775	n/a
ZhouGL15 ZhouGL15	J. Zhou, Y. Guo, G. Li	On complex hybrid flexible flowshop scheduling problems based on constraint programming	Yes	[867]	2015	FSKD 2015	5	0	16	799	n/a
AlesioNBG14 AlesioNBG14	Stefano Di Alesio, S. Nejati, Lionel C. Briand, A. Gotlieb	Worst-Case Scheduling of Software Tasks - A Constraint Optimization Model to Support Performance Testing	Yes	[236]	2014	CP 2014	18	3	19	419	n/a
BartoliniBBLM14 BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[78]	2014	CP 2014	16	12	3	445	n/a
BessiereHMQW14 BessiereHMQW14	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[123]	2014	CPAIOR 2014	16	1	3	469	n/a
BofillEGPSV14 BofillEGPSV14	M. Bofill, J. Espasa, M. Garcia, M. Palahí, J. Suy, M. Villaret	Scheduling B2B Meetings	Yes	[136]	2014	CP 2014	16	3	10	473	n/a
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[143]	2014	CPAIOR 2014	16	3	12	479	n/a
ChunS14 ChunS14	Andy Hon Wai Chun, Ted Yiu Tat Suen	Engineering Works Scheduling for Hong Kong's Rail Network	Yes	[196]	2014	AAAI 2014	8	3	0	504	n/a
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[229]	2014	CPAIOR 2014	9	0	7	516	880
DerrienP14 DerrienP14	A. Derrien, T. Petit	A New Characterization of Relevant Intervals for Energetic Reasoning	Yes	[234]	2014	CP 2014	9	14	0	518	n/a
DerrienPZ14 DerrienPZ14	A. Derrien, T. Petit, S. Zampelli	A Declarative Paradigm for Robust Cumulative Scheduling	Yes	[235]	2014	CP 2014	9	3	10	519	n/a
DoulabiRP14 DoulabiRP14	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[248]	2014	CPAIOR 2014	9	3	10	525	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	[293]	2014	GOR 2014	7	3	2	No	n/a
GaySS14 GaySS14	S. Gay, P. Schaus, Vivian De Smedt	Continuous Casting Scheduling with Constraint Programming	Yes	[307]	2014	CP 2014	15	7	11	553	n/a
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[417]	2014	CP 2014	16	5	7	599	881
KoschB14 KoschB14	S. Kosch, J. Christopher Beck	A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes	Yes	[463]	2014	CPAIOR 2014	16	4	18	623	n/a
LipovetzkyBPS14 LipovetzkyBPS14	N. Lipovetzky, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	Planning for Mining Operations with Time and Resource Constraints	Yes	[511]	2014	ICAPS 2014	9	5	0	649	n/a
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[531]	2014	ICRA 2014	7	16	9	658	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	[535]	2014	AAAI 2014	6	1	0	660	n/a

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BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[142]	2013	ICAPS 2013	5	1	0	478	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	[193]	2013	IJCAI 2013	7	0	0	501	n/a
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[198]	2013	CPAIOR 2013	7	3	23	505	882
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[349]	2013	CPAIOR 2013	7	10	24	576	883
HamdiL13 HamdiL13	I. Hamdi, T. Loukil	Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags	Yes	[365]	2013	ICMSAO 2013	7	2	11	578	n/a
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[383]	2013	CPAIOR 2013	16	9	15	586	n/a
KelarevaTK13 KelarevaTK13	E. Kelareva, K. Tierney, P. Kilby	CP Methods for Scheduling and Routing with Time-Dependent Task Costs	Yes	[446]	2013	CPAIOR 2013	17	16	28	613	884
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint	Yes	[498]	2013	CPAIOR 2013	16	3	10	641	885
LombardiM13 LombardiM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[525]	2013	ICAPS 2013	2	3	13	657	n/a
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[547]	2013	ICAPS 2013	2	0	0	666	n/a
OuelletQ13 OuelletQ13	P. Ouellet, C. Quimper	Time-Table Extended-Edge-Finding for the Cumulative Constraint	Yes	[632]	2013	CP 2013	16	12	14	693	n/a
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[716]	2013	CP 2013	17	10	20	724	n/a
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[715]	2013	CPAIOR 2013	17	20	27	725	886
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[785]	2013	ICAPS 2013	9	2	0	760	n/a
ZampelliVSDR13 ZampelliVSDR13	S. Zampelli, Y. Vergados, Rowan Van Schaeren, W. Dullaert, B. Raa	The Berth Allocation and Quay Crane Assignment Problem Using a CP Approach	Yes	[850]	2013	CP 2013	17	20	19	794	n/a
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[125]	2012	CPAIOR 2012	15	1	19	470	n/a
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[140]	2012	CPAIOR 2012	16	2	11	477	n/a
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[144]	2012	DC SIAAI 2012	3	0	0	480	n/a
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[351]	2012	CP 2012	15	5	20	577	n/a
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[382]	2012	CPAIOR 2012	17	8	21	585	n/a
IfrimOS12 IfrimOS12	G. Ifrim, B. O'Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[421]	2012	CP 2012	16	6	20	601	n/a
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[497]	2012	CP 2012	16	18	12	640	n/a
LozanoCDS12 LozanoCDS12	Roberto Castañeda Lozano, M. Carlsson, F. Drejhammar, C. Schulte	Constraint-Based Register Allocation and Instruction Scheduling	Yes	[532]	2012	CP 2012	17	21	30	659	n/a
RendlPHPR12 RendlPHPR12	A. Rendl, M. Prandtstetter, G. Hiermann, J. Puchinger, Günther R. Raidl	Hybrid Heuristics for Multimodal Homecare Scheduling	Yes	[682]	2012	CPAIOR 2012	17	14	14	713	n/a
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[714]	2012	CPAIOR 2012	17	18	21	723	n/a

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SerraNM12 SerraNM12	T. Serra, G. Nishioka, Fernando J. M. Marcellino	The Offshore Resources Scheduling Problem: Detailing a Constraint Programming Approach	Yes	[726]	2012	CP 2012	17	0	8	731	n/a
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[734]	2012	CP 2012	15	3	8	733	887
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[782]	2012	ECAI 2012	6	0	0	758	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	[863]	2012	CIT 2012	4	1	3	797	n/a
BajestaniB11 BajestaniB11	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling an Aircraft Repair Shop	Yes	[55]	2011	ICAPS 2011	8	2	0	435	n/a
Balduccini11 Balduccini11	M. Balduccini	Industrial-Size Scheduling with ASP+CP	Yes	[58]	2011	LPNMR 2011	13	20	9	436	n/a
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[139]	2011	CP 2011	15	3	14	476	n/a
ChapadosJR11 ChapadosJR11	N. Chapados, M. Joliveau, L. Rousseau	Retail Store Workforce Scheduling by Expected Operating Income Maximization	Yes	[191]	2011	CPAIOR 2011	6	5	12	500	n/a
ClercqPBJ11 ClercqPBJ11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[202]	2011	CP 2011	16	3	11	506	n/a
EdisO11 EdisO11	Emrah B. Edis, C. Oguz	Parallel Machine Scheduling with Additional Resources: A Lagrangian-Based Constraint Programming Approach	Yes	[251]	2011	CPAIOR 2011	7	5	16	526	n/a
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[340]	2011	CP 2011	17	5	18	571	n/a
HeinzS11 HeinzS11	S. Heinz, J. Schulz	Explanations for the Cumulative Constraint: An Experimental Study	Yes	[385]	2011	SEA 2011	10	5	12	587	n/a
HermenierDL11 HermenierDL11	F. Hermenier, S. Demassey, X. Lorca	Bin Repacking Scheduling in Virtualized Datacenters	Yes	[393]	2011	CP 2011	15	28	5	590	n/a
KameugneFSN11 KameugneFSN11	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints	Yes	[443]	2011	CP 2011	15	7	9	612	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	[488]	2011	CPAIOR 2011	14	3	15	637	n/a
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[519]	2011	CPAIOR 2011	17	1	13	654	n/a
MeskensDHG11 MeskensDHG11	N. Meskens, D. Duvivier, A. Hanset, D. Gossart	Multi-objective Constraint programming for Scheduling Operating Theatres	No	[570]	2011	unknown 2011	10	0	0	No	n/a
SimonisH11 SimonisH11	H. Simonis, T. Hadzic	A Resource Cost Aware Cumulative	Yes	[742]	2011	CSCLP 2011	14	3	9	738	n/a
Vilim11 Vilim11	P. Vilím	Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources	Yes	[809]	2011	CPAIOR 2011	16	28	6	773	n/a
Wolf11 Wolf11	A. Wolf	Constraint-Based Modeling and Scheduling of Clinical Pathways	Yes	[832]	2011	CSCLP 2011	17	5	19	786	n/a
ZibranR11 ZibranR11	Minhaz F. Zibran, Chanchal K. Roy	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach	Yes	[870]	2011	ICPC 2011	4	17	18	801	n/a
ZibranR11a ZibranR11a	Minhaz F. Zibran, Chanchal K. Roy	A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring	Yes	[871]	2011	SCAM 2011	10	26	27	802	n/a
Beck10 Beck10	J. Christopher Beck	Checking-Up on Branch-and-Check	Yes	[85]	2010	CP 2010	15	19	11	448	n/a
BertholdHLMS10 BertholdHLMS10	T. Berthold, S. Heinz, Marco E. Lübbecke, Rolf H. Möhring, J. Schulz	A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling	Yes	[122]	2010	CPAIOR 2010	5	28	10	468	n/a
CobanH10 CobanH10	E. Coban, John N. Hooker	Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition	Yes	[203]	2010	CPAIOR 2010	5	9	9	507	n/a
Davenport10 Davenport10	Andrew J. Davenport	Integrated Maintenance Scheduling for Semiconductor Manufacturing	Yes	[218]	2010	CPAIOR 2010	5	9	2	513	n/a

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GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[339]	2010	CPAIOR 2010	15	13	20	570	n/a
LombardiM10 LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[522]	2010	CP 2010	15	1	11	656	n/a
MakMS10 MakMS10	K. Mak, J. Ma, W. Su	A constraint programming approach for production scheduling of multi-period virtual cellular manufacturing systems	Yes	[544]	2010	ICNC 2010	5	1	3	665	n/a
OddiRC10 OddiRC10	A. Oddi, R. Rasconi, A. Cesta	Project Scheduling as a Disjunctive Temporal Problem	Yes	[626]	2010	ECAI 2010	2	0	0	691	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	[723]	2010	CP 2010	15	13	14	728	n/a
SunLYL10 SunLYL10	Z. Sun, H. Li, M. Yao, N. Li	Scheduling Optimization Techniques for FlexRay Using Constraint-Programming	Yes	[751]	2010	GreenCom 2010	6	4	8	741	n/a
TanSD10 TanSD10	Y. Tan, S. Liu, D. Wang	A constraint programming-based branch and bound algorithm for job shop problems	Yes	[757]	2010	Chinese Control and Decision Conference 2010	6	1	11	744	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	[8]	2009	CPAIOR 2009	2	3	2	416	n/a
AronssonBK09 AronssonBK09	M. Aronsson, M. Bohlin, P. Kreuger	MILP formulations of cumulative constraints for railway scheduling - A comparative study	Yes	[39]	2009	ATMOS 2009	13	0	0	428	n/a
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[61]	2009	CP 2009	1	0	0	437	n/a
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[342]	2009	CP 2009	9	15	12	572	n/a
Laborie09 Laborie09	P. Laborie	IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems	Yes	[482]	2009	CPAIOR 2009	15	53	2	634	n/a
LombardiM09 LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations	Yes	[520]	2009	CP 2009	15	7	12	655	n/a
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[580]	2009	ICAPS 2009	8	9	0	675	n/a
RenT09 RenT09	H. Ren, L. Tang	An improved hybrid MILP/CP algorithm framework for the job-shop scheduling	Yes	[681]	2009	IEEE International Conference on Automation and Logistics 2009	5	2	12	712	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[692]	2009	ICROMA 2009	14	0	0	718	n/a
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[717]	2009	CP 2009	16	34	11	726	n/a
ThiruvadyBME09 ThiruvadyBME09	Dhananjay R. Thiruvady, C. Blum, B. Meyer, Andreas T. Ernst	Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling	Yes	[770]	2009	HM 2009	15	13	12	752	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	[807]	2009	CP 2009	15	25	4	771	n/a
Vilim09a Vilim09a	P. Vilím	Max Energy Filtering Algorithm for Discrete Cumulative Resources	Yes	[808]	2009	CPAIOR 2009	15	13	4	772	n/a
Wolf09 Wolf09	A. Wolf, G. Schrader	Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource	Yes	[835]	2009	INAP 2009	17	1	12	785	n/a
AchterbergBKW08 AchterbergBKW08	T. Achterberg, T. Berthold, T. Koch, K. Wolter	Constraint Integer Programming: A New Approach to Integrate CP and MIP	Yes	[7]	2008	CPAIOR 2008	15	80	25	415	n/a
BarlattCG08 BarlattCG08	A. Barlatt, Amy Mainville Cohn, Oleg Yu. Gusikhin	A Hybrid Approach for Solving Shift-Selection and Task-Sequencing Problems	Yes	[70]	2008	CPAIOR 2008	5	1	9	441	n/a
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[107]	2008	CPAIOR 2008	15	8	9	459	n/a

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BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[117]	2008	CPAIOR 2008	15	12	13	465	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	[118]	2008	CP 2008	15	7	23	466	n/a
DoRZ08 DoRZ08	Minh Binh Do, W. Ruml, R. Zhou	On-line Planning and Scheduling: An Application to Controlling Modular Printers	Yes	[242]	2008	AAAI 2008	5	0	0	523	n/a
DoomsH08 DoomsH08	G. Dooms, Pascal Van Hentenryck	Gap Reduction Techniques for Online Stochastic Project Scheduling	Yes	[244]	2008	CPAIOR 2008	16	1	2	524	n/a
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[392]	2008	CPAIOR 2008	5	13	3	589	n/a
Hunsberger08 Hunsberger08	L. Hunsberger	A Practical Temporal Constraint Management System for Real-Time Applications	Yes	[419]	2008	ECAI 2008	5	0	0	600	n/a
LauLN08 LauLN08	Hoong Chuin Lau, Kong Wei Lye, Viet Bang Nguyen	A Combinatorial Auction Framework for Solving Decentralized Scheduling Problems (Extended Abstract)	Yes	[491]	2008	CPAIOR 2008	5	0	4	638	n/a
MouraSCL08 MouraSCL08	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Planning and Scheduling the Operation of a Very Large Oil Pipeline Network	Yes	[586]	2008	CP 2008	16	11	10	678	n/a
MouraSCL08a MouraSCL08a	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem	Yes	[585]	2008	CSE 2008	8	5	14	679	n/a
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[658]	2008	ICAPS 2008	8	0	0	702	n/a
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[708]	2008	AAAI 2008	6	0	0	722	n/a
WatsonB08 WatsonB08	J. Watson, J. Christopher Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[825]	2008	CPAIOR 2008	15	14	17	779	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	[797]	2007	CPAIOR 2007	15	2	8	418	n/a
BeldiceanuP07 BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production	Yes	[109]	2007	CPAIOR 2007	15	4	7	460	n/a
DavenportKRSH07 DavenportKRSH07	Andrew J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou	An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing	Yes	[219]	2007	CP 2007	13	1	2	514	n/a
ElhouraniDM07 ElhouraniDM07	T. Elhourani, N. Denny, Michael M. Marefat	A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem	Yes	[256]	2007	AAAI 2007	6	0	0	528	n/a
GarganiR07 GarganiR07	A. Gargani, P. Refalo	An Efficient Model and Strategy for the Steel Mill Slab Design Problem	Yes	[301]	2007	CP 2007	13	17	5	549	n/a
HoeveGSL07 HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[800]	2007	AAAI 2007	6	0	0	593	n/a
KeriK07 KeriK07	A. Kéri, T. Kis	Computing Tight Time Windows for RCPSPWET with the Primal-Dual Method	Yes	[448]	2007	CPAIOR 2007	14	1	13	614	n/a
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[465]	2007	CPAIOR 2007	15	2	12	625	n/a
KrogtLPHJ07 KrogtLPHJ07	Roman van der Krogt, J. Little, K. Pulliam, S. Hanhilammi, Y. Jin	Scheduling for Cellular Manufacturing	Yes	[799]	2007	CP 2007	13	2	3	631	n/a
Limtanyakul07 Limtanyakul07	K. Limtanyakul	Scheduling of Tests on Vehicle Prototypes Using Constraint and Integer Programming	Yes	[509]	2007	GOR 2007	6	2	3	648	n/a
MonetteDD07 MonetteDD07	J. Monette, Y. Deville, P. Dupont	A Position-Based Propagator for the Open-Shop Problem	Yes	[579]	2007	CPAIOR 2007	14	0	12	674	n/a

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Rodriguez07b Rodriguez07b	J. Rodriguez	A study of the use of state resources in a constraint-based model for routing and scheduling trains	Yes	[690]	2007	ICROMA 2007	14	0	0	717	n/a
RossiTHP07 RossiTHP07	R. Rossi, A. Tarim, B. Hnich, Steven D. Prestwich	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost	Yes	[698]	2007	CPAIOR 2007	15	6	10	719	n/a
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[83]	2006	ICAPS 2006	10	0	0	447	n/a
BeniniBGM06 BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[116]	2006	CPAIOR 2006	15	18	10	464	n/a
GomesHS06 GomesHS06	Carla P. Gomes, Willem-Jan van Hoeve, B. Selman	Constraint Programming for Distributed Planning and Scheduling	Yes	[335]	2006	AAAI 2006	2	0	0	569	n/a
KhemmoudjPB06 KhemmoudjPB06	Mohand Ou Idir Khemmoudj, M. Porcheron, H. Bennaceur	When Constraint Programming and Local Search Solve the Scheduling Problem of Electricité de France Nuclear Power Plant Outages	Yes	[450]	2006	CP 2006	13	8	8	615	n/a
KovacsV06 KovacsV06	A. Kovács, J. Váncza	Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP	Yes	[471]	2006	CPAIOR 2006	13	2	7	629	n/a
LiuJ06 LiuJ06	Y. Liu, Y. Jiang	LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming	Yes	[516]	2006	PRICAI 2006	5	0	0	651	n/a
QuSN06 QuSN06	Y. Qu, J. Soininen, J. Nurmi	Using Constraint Programming to Achieve Optimal Prefetch Scheduling for Dependent Tasks on Run-Time Reconfigurable Devices	Yes	[675]	2006	SoC 2006	4	2	5	709	n/a
Wallace06 Wallace06	Mark G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[817]	2006	CSCLP 2006	32	1	35	776	n/a
AbrilSB05 AbrilSB05	M. Abril, Miguel A. Salido, F. Barber	Distributed Constraints for Large-Scale Scheduling Problems	Yes	[5]	2005	CP 2005	1	0	0	414	n/a
ArtiouchineB05 ArtiouchineB05	K. Artiouchine, P. Baptiste	Inter-distance Constraint: An Extension of the All-Different Constraint for Scheduling Equal Length Jobs	Yes	[47]	2005	CP 2005	15	3	11	431	n/a
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[98]	2005	IJCAI 2005	6	0	0	455	n/a
BeniniBGM05 BeniniBGM05	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[115]	2005	CP 2005	15	25	21	463	n/a
CambazardJ05 CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[169]	2005	CP 2005	5	6	8	490	n/a
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[174]	2005	CP 2005	1	0	0	493	n/a
ChuX05 ChuX05	Y. Chu, Q. Xia	A Hybrid Algorithm for a Class of Resource Constrained Scheduling Problems	Yes	[194]	2005	CPAIOR 2005	15	13	13	502	n/a
DilkinaDH05 DilkinaDH05	B. Dilkina, L. Duan, William S. Havens	Extending Systematic Local Search for Job Shop Scheduling Problems	Yes	[237]	2005	CP 2005	5	2	7	520	n/a
FortinZDF05 FortinZDF05	J. Fortin, P. Zielinski, D. Dubois, H. Fargier	Interval Analysis in Scheduling	Yes	[287]	2005	CP 2005	15	13	11	538	n/a
FrankK05 FrankK05	J. Frank, E. Kürklü	Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations	Yes	[292]	2005	CPAIOR 2005	18	4	4	543	n/a
Geske05 Geske05	U. Geske	Railway Scheduling with Declarative Constraint Programming	Yes	[318]	2005	INAP 2005	18	2	3	559	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[324]	2005	ICAPS 2005	9	0	0	564	n/a
HebrardTW05 HebrardTW05	E. Hebrard, P. Tyler, T. Walsh	Computing Super-Schedules	Yes	[378]	2005	CP 2005	1	0	3	583	n/a
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[403]	2005	CP 2005	14	30	10	595	n/a
Hooker05b Hooker05b	John N. Hooker	A Search-Infer-and-Relax Framework for Integrating Solution Methods	Yes	[404]	2005	CPAIOR 2005	15	7	19	596	n/a
Johnston05 Johnston05	Bradley J. Clement, Mark D. Johnston	The Deep Space Network Scheduling Problem	Yes	[201]	2005	AAAI 2005	7	0	0	604	n/a

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KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[468]	2005	CP 2005	1	2	3	626	n/a
MoffittPP05 MoffittPP05	Michael D. Moffitt, B. Peintner, Martha E. Pollack	Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints	Yes	[577]	2005	AAAI 2005	6	0	0	673	n/a
OddiPCC05 OddiPCC05	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems	No	[625]	2005	MISTA 2005	null	3	12	No	n/a
PolicellaWSO05 PolicellaWSO05	N. Policella, X. Wang, Stephen F. Smith, A. Oddi	Exploiting Temporal Flexibility to Obtain High Quality Schedules	Yes	[661]	2005	AAAI 2005	6	0	0	703	n/a
QuirogaZH05 QuirogaZH05	O. Quiroga, L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS	Yes	[676]	2005	ICRA 2005	6	2	7	710	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	[724]	2005	INAP 2005	15	6	4	729	n/a
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[806]	2005	CPAIOR 2005	14	5	8	770	n/a
Wolf05 Wolf05	A. Wolf	Better Propagation for Non-preemptive Single-Resource Constraint Problems	Yes	[831]	2005	CSCLP 2005	15	4	8	784	n/a
WolfS05 WolfS05	A. Wolf, G. Schrader	$O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application	Yes	[834]	2005	INAP 2005	14	6	6	787	n/a
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[837]	2005	CP 2005	1	0	0	789	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	[40]	2004	CPAIOR 2004	13	16	9	429	n/a
BarbulescuWH04 BarbulescuWH04	L. Barbulescu, L. Darrell Whitley, Adele E. Howe	Leap Before You Look: An Effective Strategy in an Oversubscribed Scheduling Problem	Yes	[69]	2004	AAAI 2004	6	0	0	440	n/a
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[97]	2004	ECAI 2004	5	0	0	454	n/a
CambazardHDJT04 CambazardHDJT04	H. Cambazard, P. Hladik, A. Déplanche, N. Jussien, Y. Trinquet	Decomposition and Learning for a Hard Real Time Task Allocation Problem	Yes	[168]	2004	CP 2004	15	33	13	489	n/a
DilkinaH04 DilkinaH04	Bistra N. Dilkina, William S. Havens	The U.S. National Football League Scheduling Problem	Yes	[238]	2004	AAAI 2004	6	0	0	521	n/a
GlobusCLP04 GlobusCLP04	A. Globus, J. Crawford, Jason D. Lohn, A. Pryor	A Comparison of Techniques for Scheduling Earth Observing Satellites	Yes	[323]	2004	AAAI 2004	8	0	0	563	n/a
HentenryckM04 HentenryckM04	Pascal Van Hentenryck, L. Michel	Scheduling Abstractions for Local Search	Yes	[391]	2004	CPAIOR 2004	16	12	14	588	n/a
Hooker04 Hooker04	John N. Hooker	A Hybrid Method for Planning and Scheduling	Yes	[401]	2004	CP 2004	12	39	9	594	n/a
KovacsV04 KovacsV04	A. Kovács, J. Váncza	Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling	Yes	[470]	2004	CP 2004	15	3	12	628	n/a
LimRX04 LimRX04	A. Lim, B. Rodrigues, Z. Xu	Solving the Crane Scheduling Problem Using Intelligent Search Schemes	Yes	[505]	2004	CP 2004	5	5	6	647	n/a
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[553]	2004	CPAIOR 2004	20	15	15	668	n/a
PerronSF04 PerronSF04	L. Perron, P. Shaw, V. Furnon	Propagation Guided Large Neighborhood Search	Yes	[651]	2004	CP 2004	14	34	8	700	n/a
Sadykov04 Sadykov04	R. Sadykov	A Hybrid Branch-And-Cut Algorithm for the One-Machine Scheduling Problem	Yes	[703]	2004	CPAIOR 2004	7	11	7	721	n/a
Vilim04 Vilim04	P. Vilím	O(n log n) Filtering Algorithms for Unary Resource Constraint	Yes	[805]	2004	CPAIOR 2004	13	22	5	769	n/a
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[810]	2004	CP 2004	15	13	4	774	n/a
VillaverdeP04 VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	No	[813]	2004	ISCA 2004	6	0	0	No	n/a
WolinskiKG04 WolinskiKG04	C. Wolinski, K. Kuchcinski, Maya B. Gokhale	A Constraints Programming Approach to Communication Scheduling on SoPC Architectures	Yes	[836]	2004	DSD 2004	8	0	9	788	n/a
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[95]	2003	ICAPS 2003	10	0	0	453	n/a
BourdaisGP03 BourdaisGP03	S. Bourdais, P. Galinier, G. Pesant	HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care	Yes	[153]	2003	CP 2003	15	29	5	485	n/a

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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	[215]	2003	CP 2003	5	21	3	512	n/a
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[291]	2003	ICAPS 2003	10	0	0	542	n/a
Kumar03 Kumar03	T. K. Satish Kumar	Incremental Computation of Resource-Envelopes in Producer-Consumer Models	Yes	[479]	2003	CP 2003	15	4	2	633	n/a
OddiPCC03 OddiPCC03	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Generating High Quality Schedules for a Spacecraft Memory Downlink Problem	Yes	[624]	2003	CP 2003	15	8	6	690	n/a
ValleMGT03 ValleMGT03	Carmelo Del Valle, Antonio A. Márquez, Rafael M. Gasca, M. Toro	On Selecting and Scheduling Assembly Plans Using Constraint Programming	Yes	[796]	2003	KES 2003	8	7	7	764	n/a
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[804]	2003	CP 2003	1	1	1	768	n/a
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[830]	2003	CP 2003	15	11	7	783	n/a
Bartak02 Bartak02	R. Barták	Visopt ShopFloor: On the Edge of Planning and Scheduling	Yes	[72]	2002	CP 2002	16	6	4	442	n/a
Bartak02a Bartak02a	R. Barták	Visopt ShopFloor: Going Beyond Traditional Scheduling	Yes	[71]	2002	ERCIM/CologNet 2002	15	1	9	443	n/a
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[105]	2002	CP 2002	17	33	9	458	n/a
BenoistGR02 BenoistGR02	T. Benoist, E. Gaudin, B. Rottembourg	Constraint Programming Contribution to Benders Decomposition: A Case Study	Yes	[120]	2002	CP 2002	15	13	11	467	n/a
ElkhyariGJ02 ElkhyariGJ02	A. Elkhyari, C. Guéret, N. Jussien	Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems	Yes	[258]	2002	CP 2002	6	1	6	529	n/a
ElkhyariGJ02a ElkhyariGJ02a	A. Elkhyari, C. Guéret, N. Jussien	Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools	Yes	[259]	2002	PATAT 2002	24	9	20	530	n/a
FukunagaHFAMN02 FukunagaHFAMN02	Alex S. Fukunaga, E. Hamilton, J. Fama, D. Andre, O. Matan, Illah R. Nourbakhsh	Staff Scheduling for Inbound Call Centers and Customer Contact Centers	Yes	[298]	2002	AAAI 2002	8	0	0	547	n/a
HookerY02 HookerY02	John N. Hooker, H. Yan	A Relaxation of the Cumulative Constraint	Yes	[415]	2002	CP 2002	5	8	7	598	n/a
KamarainenS02 KamarainenS02	O. Kamarainen, Hani El Sakkout	Local Probing Applied to Scheduling	Yes	[437]	2002	CP 2002	17	9	13	609	n/a
LimAHO02a LimAHO02a	A. Lim, Juay Chin Ang, W. Ho, W. Oon	UTTSExam: A University Examination Timetable Scheduler	Yes	[504]	2002	AAAI 2002	2	0	0	644	n/a
Muscettola02 Muscettola02	N. Muscettola	Computing the Envelope for Stepwise-Constant Resource Allocations	Yes	[593]	2002	CP 2002	16	14	4	683	n/a
Vilim02 Vilim02	P. Vilím	Batch Processing with Sequence Dependent Setup Times	Yes	[803]	2002	CP 2002	1	6	1	767	n/a
ZhuS02 ZhuS02	Kenny Qili Zhu, Andrew E. Santosa	A Meeting Scheduling System Based on Open Constraint Programming	Yes	[868]	2002	CAiSE 2002	5	0	5	800	n/a
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[104]	2001	CP 2001	15	34	0	457	n/a
EreminW01 EreminW01	A. Eremin, Mark G. Wallace	Hybrid Benders Decomposition Algorithms in Constraint Logic Programming	Yes	[262]	2001	CP 2001	15	27	7	531	n/a
Thorsteinsson01 Thorsteinsson01	Erlendur S. Thorsteinsson	Branch-and-Check: A Hybrid Framework Integrating Mixed Integer Programming and Constraint Logic Programming	Yes	[773]	2001	CP 2001	15	67	12	754	n/a
VanczaM01 VanczaM01	J. Váncza, A. Márkus	A Constraint Engine for Manufacturing Process Planning	Yes	[801]	2001	CP 2001	15	2	19	765	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	[802]	2001	CP 2001	15	11	6	766	n/a
AngelsmarkJ00 AngelsmarkJ00	O. Angelsmark, P. Jonsson	Some Observations on Durations, Scheduling and Allen's Algebra	Yes	[26]	2000	CP 2000	5	1	9	421	n/a

Table 2: Works from bibtex (Total 411)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CestaOS00 CestaOS00	A. Cesta, A. Oddi, Stephen F. Smith	Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems	Yes	[190]	2000	AAAI 2000	6	0	0	498	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[283]	2000	AIPS 2000	10	0	0	536	n/a
Junker00 Junker00	U. Junker	Preference-Based Search for Scheduling	Yes	[431]	2000	AAAI 2000	6	0	0	606	n/a
Refalo00 Refalo00	P. Refalo	Linear Formulation of Constraint Programming Models and Hybrid Solvers	Yes	[680]	2000	CP 2000	15	35	11	711	n/a
TsurutaS00 TsurutaS00	T. Tsuruta, T. Shintani	Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm	No	[791]	2000	ECAI 2000	5	0	0	No	n/a
WallaceF00 WallaceF00	Richard J. Wallace, Eugene C. Freuder	Dispatchability Conditions for Schedules with Consumable Resources	No	[819]	2000	ECAI 2000	7	0	0	No	n/a
AbdennadherS99 AbdennadherS99	S. Abdennadher, H. Schlenker	Nurse Scheduling using Constraint Logic Programming	Yes	[2]	1999	AAAI 1999	6	0	0	413	n/a
BeckF99 BeckF99	J. Christopher Beck, Mark S. Fox	Scheduling Alternative Activities	Yes	[92]	1999	AAAI 1999	8	0	0	452	n/a
ChunCTY99 ChunCTY99	Andy Hon Wai Chun, Steve Ho Chuen Chan, Francis Ming Fai Tsang, Dennis Wai Ming Yeung	HKIA SAS: A Constraint-Based Airport Stand Allocation System Developed with Software Components	Yes	[195]	1999	AAAI 1999	8	0	0	503	n/a
DorndorfPH99 DorndorfPH99	U. Dorndorf, E. Pesch, Toàn Phan Huy	Recent Developments in Scheduling	No	[246]	1999	Operations Research Proceedings 1999	null	0	34	No	n/a
JoLLH99 JoLLH99	G. Jo, K. Lee, H. Lee, S. Hyun	Ramp Activity Expert System for Scheduling and Co-ordination at an Airport	Yes	[428]	1999	AAAI 1999	6	0	0	603	n/a
KorbaaYG99 KorbaaYG99	O. Korbaa, P. Yim, J. Gentina	Solving transient scheduling problem for cyclic production using timed Petri nets and constraint programming	Yes	[461]	1999	ECC 1999	8	1	0	622	n/a
Simonis99 Simonis99	H. Simonis	Building Industrial Applications with Constraint Programming	Yes	[738]	1999	CCL'99 1999	39	5	18	736	n/a
WatsonBHW99 WatsonBHW99	J. Watson, L. Barbulescu, Adele E. Howe, L. Darrell Whitley	Algorithm Performance and Problem Structure for Flow-shop Scheduling	Yes	[824]	1999	AAAI 1999	8	0	0	780	n/a
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[189]	1998	CP 1998	1	5	0	499	n/a
FrostD98 FrostD98	D. Frost, R. Dechter	Optimizing with Constraints: A Case Study in Scheduling Maintenance of Electric Power Units	Yes	[297]	1998	CP 1998	1	10	2	546	n/a
GruianK98 GruianK98	F. Gruian, K. Kuchcinski	Operation Binding and Scheduling for Low Power Using Constraint Logic Programming	Yes	[348]	1998	EUROMICRO 1998	8	5	10	575	n/a
PembertonG98 PembertonG98	Joseph C. Pemberton, Flavius Galiber III	A constraint-based approach to satellite scheduling	Yes	[646]	1998	DIMACS 1998	14	26	0	698	n/a
RodosekW98 RodosekW98	R. Rodosek, Mark G. Wallace	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems	Yes	[687]	1998	CP 1998	15	19	10	716	n/a
SakkoutRW98 SakkoutRW98	Hani El Sakkout, T. Richards, M. Wallace	Minimal Perturbance in Dynamic Scheduling	No	[705]	1998	ECAI 1998	5	0	0	No	n/a
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[65]	1997	CP 1997	15	8	10	439	n/a
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[87]	1997	CP 1997	15	3	12	449	n/a
BeckDSF97 BeckDSF97	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Beyond Contention: Extending Texture-Based Scheduling Heuristics	Yes	[88]	1997	AAAI 1997	8	0	0	450	n/a
BeckDSF97a BeckDSF97a	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Texture-Based Heuristics for Scheduling Revisited	Yes	[89]	1997	AAAI 1997	8	0	0	451	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	[151]	1997	PACT 1997	18	0	0	No	n/a

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Caseau97 Caseau97	Y. Caseau	Using Constraint Propagation for Complex Scheduling Problems: Managing Size, Complex Resources and Travel	Yes	[181]	1997	CP 1997	4	0	0	494	n/a
GetoorOFC97 GetoorOFC97	L. Getoor, G. Ottosson, Markus P. J. Fromherz, B. Carlson	Effective Redundant Constraints for Online Scheduling	Yes	[319]	1997	AAAI 1997	6	0	0	560	n/a
LeeKLKKYHP97 LeeKLKKYHP97	Kyoung Jun Lee, Hyun Woo Kim, Jae Kyu Lee, Tae Hwan Kim, Chang Gon Kim, Myoung Kyun Yoon, Eui Jun Hwang, Hyun Jeong Park	Case and Constraint-Based Apartment Construction Project Planning System: FASTrak-APT	Yes	[494]	1997	AAAI 1997	6	0	0	639	n/a
MorgadoM97 MorgadoM97	Ernesto M. Morgado, João P. Martins	CREWS NS: Scheduling Train Crew in The Netherlands	Yes	[583]	1997	AAAI 1997	10	0	0	676	n/a
MurphyRFSS97 MurphyRFSS97	K. Murphy, E. Ralston, D. Friedlander, R. Swab, P. Steege	The Scheduling of Rail at Union Pacific Railroad	Yes	[589]	1997	AAAI 1997	10	0	0	682	n/a
MurthyRAW97 MurthyRAW97	Seshashayee S. Murthy, J. Rachlin, R. Akkiraju, Frederick Y. Wu	Agent-Based Cooperative Scheduling	No	[591]	1997	AAAI 1997	6	0	0	No	n/a
OddiS97 OddiS97	A. Oddi, Stephen F. Smith	Stochastic Procedures for Generating Feasible Schedules	Yes	[627]	1997	AAAI 1997	7	0	0	692	n/a
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[643]	1997	PACT 1997	20	0	0	No	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	[162]	1996	ISMIS 1996	10	1	9	487	n/a
Colombani96 Colombani96	Y. Colombani	Constraint Programming: an Efficient and Practical Approach to Solving the Job-Shop Problem	Yes	[208]	1996	CP 1996	15	4	5	510	n/a
PapeB96 PapeB96	Claude Le Pape, P. Baptiste	Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case	No	[642]	1996	ECAI 1996	5	0	0	No	n/a
RoweJCA96 RoweJCA96	J. Rowe, K. Jewers, A. Codd, A. Alcock	Intelligent Retail Logistics Scheduling	Yes	[699]	1996	AAAI 1996	9	0	0	720	n/a
Schaerf96 Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	No	[707]	1996	ECAI 1996	5	0	0	No	n/a
StidsenKM96 StidsenKM96	Thomas R. Stidsen, L. V. Kragelund, O. Mateescu	Jobshop Scheduling in a Shipyard	No	[747]	1996	ECAI 1996	8	0	0	No	n/a
Zhou96 Zhou96	J. Zhou	A Constraint Program for Solving the Job-Shop Problem	Yes	[865]	1996	CP 1996	15	10	7	798	n/a
Goltz95 Goltz95	H. Goltz	Reducing Domains for Search in CLP(FD) and Its Application to Job-Shop Scheduling	Yes	[333]	1995	CP 1995	14	7	7	568	n/a
Puget95 Puget95	J. Puget	Applications of Constraint Programming	Yes	[670]	1995	CP 1995	4	6	2	708	n/a
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[737]	1995	CP 1995	4	7	3	734	n/a
Simonis95a Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[736]	1995	CONTESSA 1995	21	1	12	735	n/a
SimonisC95 SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[741]	1995	CP 1995	14	17	8	737	n/a
Touraivane95 Touraivane95	Touraïvane	Constraint Programming and Industrial Applications	Yes	[780]	1995	CP 1995	3	2	1	757	n/a
CrawfordB94 CrawfordB94	James M. Crawford, Andrew B. Baker	Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems	Yes	[210]	1994	AAAI 1994	6	0	0	511	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	[429]	1994	ILPS 1994	1	0	0	No	n/a
Muscettola94 Muscettola94	N. Muscettola	On the Utility of Bottleneck Reasoning for Scheduling	Yes	[592]	1994	AAAI 1994	6	0	0	684	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[620]	1994	ECAI 1994	5	0	0	689	n/a
NuijtenA94a NuijtenA94a	W. P. M. Nuijten, Emile H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	No	[619]	1994	ECAI 1994	5	0	0	No	n/a
Rodosek94 Rodosek94	R. Rodosek	Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective	No	[686]	1994	ECAI 1994	5	0	0	No	n/a

Table 2: Works from bibtex (Total 411)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[815]	1994	Constraint Programming 1994	19	0	0	No	n/a
YeGMH94 YeGMH94	P. Ye, D. Glass, Michael F. McTear, John G. Hughes	Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm	No	[840]	1994	ECAI 1994	5	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	[841]	1994	AAAI 1994	6	0	0	791	n/a
SmithC93 SmithC93	Stephen F. Smith, C. Cheng	Slack-Based Heuristics for Constraint Satisfaction Scheduling	Yes	[744]	1993	AAAI 1993	6	0	0	739	n/a
BaptisteLV92 BaptisteLV92	P. Baptiste, B. Legeard, C. Varnier	Hoist scheduling problem: an approach based on constraint logic programming	Yes	[68]	1992	ICRA 1992	6	13	6	438	n/a
DincbasS91 DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[240]	1991	ASTAIR 1991	13	0	0	522	n/a
ErtlK91 ErtlK91	M. Anton Ertl, A. Krall	Optimal Instruction Scheduling using Constraint Logic Programming	Yes	[263]	1991	PLILP 1991	12	14	14	532	n/a
Hamscher91 Hamscher91	W. Hamscher	ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals	Yes	[366]	1991	AAAI 1991	6	0	0	579	n/a
EskeyZ90 EskeyZ90	M. Eskey, M. Zweben	Learning Search Control for Constraint-Based Scheduling	Yes	[265]	1990	AAAI 1990	8	0	0	533	n/a
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[289]	1990	ECAI 1990	14	0	0	540	n/a
MintonJPL90 MintonJPL90	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Solving Large-Scale Constraint-Satisfaction and Scheduling Problems Using a Heuristic Repair Method	Yes	[575]	1990	AAAI 1990	8	0	0	672	n/a
Valdes87 Valdes87	Raúl E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[795]	1987	AAAI 1987	5	0	0	763	n/a
Rit86 Rit86	J. Rit	Propagating Temporal Constraints for Scheduling	Yes	[685]	1986	AAAI 1986	6	0	0	715	n/a
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[288]	1982	AAAI 1982	4	0	0	539	n/a

2.2 Extracted Concepts

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AalianPG23 [1]	16	preemptive, transportation, constraint programming, order, scheduling, preempt, machine, make-span, activity, flow-shop, CP, resource		cycle, cumulative, noOverlap, endBeforeStart, alwaysIn		CPO, Cplex	steel cable	mining industry	real-world	large neighborhood search, genetic algorithm	4	805
AbdennadherS99 [2]	6	task, CSP, constraint satisfaction, CLP, distributed, constraint programming, scheduling, order, constraint logic programming		Cardinality constraint, Arithmetic constraint	Prolog, Lisp	CHIP	nurse		real-life		352	n/a
AbrilSB05 [5]	1	distributed, scheduling, multi-agent, CP, order, CSP					railway				275	n/a
AchterbergBKW08 [7]	15	CLP, machine, CP, scheduling, constraint logic programming, task, constraint programming, order		circuit		OPL, SCIP, Cplex	semiconductor		benchmark	GRASP	239	n/a
Acuna-AgostMFG09 [8]	2	re-scheduling, order, CP, scheduling, transportation, constraint programming					railway		Roadef		225	n/a
AgussurjaKL18 [16]	8	precedence, CP, activity, re-scheduling, bi-objective, scheduling, order, transportation, constraint satisfaction, constraint programming, resource, Benders Decomposition, Logic-Based Benders Decomposition	Resource-constrained Project Scheduling Problem, RCPSP	cumulative		Cplex	evacuation, aircraft, crew-scheduling, train schedule		real-world	lazy clause generation	78	n/a
AkkerDH07 [797]	15	unavailability, due-date, cmax, CP, machine, lateness, constraint programming, resource, order, completion-time, constraint satisfaction, release-date, job, sequence dependent setup, preempt, no-wait, planned maintenance, scheduling, precedence, make-span, preemptive	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP, single machine	cumulative		Cplex				column generation, simulated annealing	254	n/a
AlesioNBG14 [236]	18	COP, preemptive, completion-time, CP, task, make-span, open-shop, order, preempt, periodic, scheduling, resource, job-shop, distributed, constraint optimization, job, activity, constraint programming		alldifferent		OPL, Cplex	automotive		benchmark	meta heuristic, genetic algorithm	150	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AmadiniGM16 [25]	7	precedence, make-span, scheduling, resource, CSP, distributed, constraint programming, COP, CP, task	Resource-constrained Project Scheduling Problem, RCPSP	cumulative		Choco Solver, MiniZinc, Gurobi, Gecode, OR-Tools			real-life, benchmark, github	lazy clause generation	109	871
AngelsmarkJ00 [26]	5	resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop									345	n/a
AntunesABD18 [27]	8	earliness, scheduling, machine, periodic, activity, due-date, re-scheduling, CP, Benders Decomposition, COP, order, lateness, Logic-Based Benders Decomposition, stochastic, task, constraint programming		BinPacking constraint, bin-packing		Cplex	workforce scheduling, maintenance scheduling	electricity industry	real-world, industry partner, industrial partner	column generation, large neighborhood search, genetic algorithm, meta heuristic	79	n/a
AntuoriHHEN20 [29]	16	job-shop, constraint programming, Pareto, release-date, resource, periodic, job, order, completion-time, tardiness, stochastic, due-date, task, precedence, CP, scheduling, machine		cycle, Channeling constraint, alldifferent, circuit, Element constraint		Choco Solver	torpedo		random instance, generated instance, gitlab, benchmark, industrial instance	reinforcement learning, machine learning, neural network, large neighborhood search	49	845
AntuoriHHEN21 [30]	16	transportation, job-shop, constraint programming, release-date, resource, job, order, tardiness, CSP, stochastic, due-date, task, precedence, CP, scheduling, machine		cycle	C++, Java	Choco Solver, Gecode	car manufacturing, drone, automotive	automotive industry	gitlab, supplementary material	reinforcement learning, deep learning, machine learning, neural network, GRASP, large neighborhood search	36	834
ArbaouiY18 [33]	10	order, job, constraint programming, scheduling, setup-time, machine, make-span, cmax, sequence dependent setup, unavailability, resource, no-wait, completion-time, CP	single machine, parallel machine	noOverlap, cumulative, Pulse constraint, alternative constraint	C++	Cplex			benchmark	mat heuristic, genetic algorithm, meta heuristic	80	n/a
ArmstrongGOS21 [36]	18	job-shop, sequence dependent setup, multi-objective, cmax, transportation, scheduling, make-span, preempt, setup-time, constraint programming, machine, flow-shop, CP, job, order, preemptive, constraint logic programming, completion-time, resource, precedence, task	HFF, HFS, HFFTT	alternative constraint, bin-packing, cycle, table constraint, circuit, diffn, cumulative	Java, Prolog	MiniZinc, Chuffed, Gecode, CHIP, CPO, SICStus, Cplex	robot	packaging industry	industry partner, instance generator, zenodo, supplementary material, real-world, industrial partner, benchmark	meta heuristic, genetic algorithm, energetic reasoning, ant colony, memetic algorithm	37	835

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ArmstrongGOS22 [37]	13	cmax, no-wait, transportation, scheduling, make-span, constraint programming, machine, flow-shop, CP, job, re-scheduling, order, explanation, completion-time, resource, task	HFF, parallel machine, HFS, HFFTT	noOverlap, cumulative	Prolog	OPL, SICStus			real-world, benchmark	GRASP, meta heuristic, mat heuristic, IGT, NEH	19	820
AronssonBK09 [39]	13	job-shop, transportation, CLP, job, order, CP, task, constraint programming		cumulative	Prolog	Cplex, CHIP	railway		real-world, real-life	sweep	226	n/a
ArtiguesBF04 [40]	13	batch process, cmax, completion-time, scheduling, machine, job, make-span, setup-time, preempt, order, CP, resource, one-machine scheduling, constraint programming, preemptive, release-date, precedence, sequence dependent setup, job-shop		Disjunctive constraint, disjunctive	C++	Ilog Solver, Ilog Scheduler			benchmark	edge-finding, meta heuristic, Lagrangian relaxation	301	n/a
ArtiguesHQT21 [43]	8	preemptive, scheduling, release-date, machine, job, order, resource, preempt, CP	Resource-constrained Project Scheduling Problem, RCPSP	cumulative		Cplex	wildfire, evacuation				38	n/a
ArtiouchineB05 [47]	15	release-date, activity, machine, re-scheduling, scheduling, order, make-span, preempt, CP, completion-time, resource, job, open-shop, preemptive, job-shop, CSP, precedence	parallel machine, single machine	Disjunctive constraint, disjunctive, cumulative		Ilog Scheduler	aircraft		generated instance, random instance	not-last, not-first, edge-finding	276	n/a
Astrand0F21 [49]	18	task, constraint programming, precedence, make-span, order, machine, CP, open-shop, job, activity, scheduling, resource, job-shop	Partial Order Schedule	disjunctive, cycle, Disjunctive constraint		Gecode	farming, forestry, agriculture, drone, robot, satellite	potash industry, mineral industry, mining industry	benchmark, real-world, generated instance, real-life	large neighborhood search, genetic algorithm	39	836
AstrandJZ18 [50]	9	task, constraint programming, multi-objective, make-span, order, machine, CP, periodic, activity, scheduling, resource, CSP	single machine	disjunctive, cycle, cumulative		Gecode	hoist, robot	potash industry		time-tabling	81	n/a
BadicaBIL19 [54]	11	completion-time, CP, constraint logic programming, order, machine, multi-agent, scheduling, resource, distributed, activity, constraint programming, make-span, CLP		Arithmetic constraint, cycle		Gecode, ECLiPSe	business process		github		62	856

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BajestaniB11 [55]	8	scheduling, machine, transportation, tardiness, make-span, single-machine scheduling, inventory, due-date, job, re-scheduling, CP, Benders Decomposition, stochastic, breakdown, constraint programming, order, Logic-Based Benders Decomposition, resource, periodic	single machine, JSSP	circuit, cycle, Cardinality constraint, cumulative		Ilog Solver, Cplex	railway, maintenance scheduling, aircraft				196	n/a
Balduccini11 [58]	13	CP, resource, CSP, constraint programming, precedence, CLP, tardiness, constraint satisfaction, scheduling, job, re-scheduling, order		cumulative, disjunctive		CHIP			benchmark		197	n/a
Baptiste09 [61]	1	scheduling, CP									227	n/a
BaptisteLV92 [68]	6										402	n/a
BaptisteP97 [65]	15	preempt, CP, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, Disjunctive constraint, disjunctive	C++	Claire, CHIP			benchmark	edge-finding, edge-finder	366	n/a
BarbulescuWH04 [69]	6	stochastic, CP, resource, job, job-shop, explanation, constraint satisfaction, task, distributed, scheduling, order		cycle			robot, satellite			genetic algorithm	302	n/a
BarlattCG08 [70]	5	setup-time, CP, task, machine, scheduling, resource, job-shop, transportation, job, flow-shop					automotive, pipeline		real-world		240	n/a
Bartak02 [72]	16	activity, job-shop, CP, earliness, constraint logic programming, continuous-process, CSP, order, make-span, machine, job, resource, lateness, precedence, CLP, scheduling, constraint programming, constraint satisfaction, task		Disjunctive constraint, cumulative, disjunctive	Prolog	SICStus	dairies		real-life	edge-finding, time-tabling	327	n/a
Bartak02a [71]	15	earliness, CLP, CSP, CP, machine, re-scheduling, constraint programming, job-shop, resource, order, activity, constraint satisfaction, scheduling, make-span, task, job, precedence, tardiness		Disjunctive constraint, cumulative, disjunctive		Ilog Scheduler	dairies		benchmark, real-life	time-tabling, edge-finding	328	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BartakV15 [77]	12	CP, machine, lateness, re-scheduling, job-shop, resource, order, activity, constraint satisfaction, setup-time, breakdown, scheduling, make-span, reactive scheduling, job, explanation, precedence							real-world, real-life	sweep	130	n/a
BartoliniBBLM14 [78]	16	tardiness, CP, make-span, scheduling, resource, task, job, explanation, constraint programming, activity, machine		cumulative, alternative constraint			high performance computing, super-computer			large neighborhood search	151	n/a
BarzegaranZP20 [81]	9	resource, re-scheduling, constraint satisfaction, task, distributed, machine, scheduling, order, constraint programming, CP			Java	OR-Tools	robot, automotive			meta heuristic	50	846
Beck06 [83]	10	due-date, order, explanation, CP, tardiness, flow-shop, resource, job, scheduling, machine, job-shop, constraint programming, constraint satisfaction, make-span				Ilog Scheduler			benchmark	machine learning, meta heuristic	267	n/a
Beck10 [85]	15	due-date, order, single-machine scheduling, CP, release-date, activity, resource, job, Benders Decomposition, scheduling, machine, constraint programming, constraint logic programming, make-span, Logic-Based Benders Decomposition	single machine	cumulative, bin-packing		Ilog Solver, Cplex					214	n/a
BeckDF97 [87]	15	release-date, job-shop, constraint satisfaction, CSP, activity, CP, make-span, explanation, resource, inventory, precedence, due-date, re-scheduling, order, scheduling, machine, job, task	single machine	cycle, cumulative			robot		benchmark, real-world	edge-finding	367	n/a
BeckDSF97 [88]	8	CSP, CP, re-scheduling, inventory, job-shop, resource, constraint optimization, order, activity, constraint satisfaction, release-date, scheduling, make-span, distributed, task, job, due-date, precedence		cumulative, disjunctive			robot		benchmark, real-world	edge-finding	368	n/a
BeckDSF97a [89]	8	constraint satisfaction, resource, job-shop, activity, explanation, precedence, CP, order, constraint optimization, job, CSP, release-date, scheduling, machine, make-span, due-date	single machine				robot		benchmark, real-world	edge-finding	369	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BeckF99 [92]	8	job-shop, explanation, task, CSP, machine, activity, resource, constraint satisfaction, job, order, scheduling, CP		disjunctive, cumulative, Disjunctive constraint			robot		real-world	not-last, not-first, edge-finding	353	n/a
BeckPS03 [95]	10	activity, CP, make-span, explanation, earliness, flow-time, resource, precedence, due-date, re-scheduling, order, tardiness, scheduling, completion-time, machine, job, task, release-date, transportation, constraint programming, job-shop, constraint satisfaction, stochastic, setup-time	RCPSP			Ilog Scheduler	robot		real-world, benchmark	meta heuristic	318	n/a
BeckW04 [97]	5	job-shop, one-machine scheduling, stochastic, make-span, machine, activity, distributed, flow-shop, resource, job, order, scheduling, CP	single machine			Ilog Scheduler				genetic algorithm, time-tabling, edge-finding	303	n/a
BeckW05 [98]	6	job-shop, explanation, stochastic, make-span, activity, flow-shop, resource, constraint satisfaction, job, order, scheduling, CP		Balance constraint		Ilog Scheduler				edge-finder	277	n/a
BehrensLM19 [102]	7	resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization			Python	OR-Tools, MiniZinc	robot		github, real-world		63	857
BeldiceanuC01 [104]	15	distributed, CP, scheduling, job-shop, resource, job, order		cumulative, alldifferent	Prolog	CHIP, SICStus			benchmark	sweep	340	n/a
BeldiceanuC02 [105]	17	task, CP, activity, producer/consumer, scheduling, machine, CLP, resource, order	single machine	Cumulatives constraint, cumulative	Prolog	CHIP, SICStus	crew-scheduling		random instance, benchmark, real-life	sweep	329	n/a
BeldiceanuCP08 [107]	15	resource, task, scheduling, order, constraint programming, CP		disjunctive, geost, cumulative	Prolog	CHIP, SICStus, OPL	perfect-square, rectangle-packing		benchmark	edge-finding, sweep	241	n/a
BeldiceanuP07 [109]	15	preempt, task, preemptive, CP, scheduling, release-date, constraint programming, resource, order, due-date		disjunctive, cumulative						sweep	255	n/a
BenderWS21 [111]	16	activity, explanation, CP, resource, job, constraint programming, setup-time, order, scheduling, preempt, task, machine, make-span, distributed, preemptive	RCPSP	noOverlap	Python		agriculture			meta heuristic	40	837

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BenediktSMVH18 [114]	10	single-machine scheduling, multi-objective, scheduling, order, preempt, constraint programming, CP, job, job-shop, resource, machine	single machine, parallel machine	noOverlap		Gurobi	energy-price		generated instance, github, random instance	machine learning, column generation	82	864
BeniniBGM05 [115]	15	CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, tardiness, periodic, scheduling, resource, due-date, distributed, job, activity, constraint programming, completion-time	parallel machine	circuit, cumulative, cycle		Cplex, ECLiPSe	automotive, pipeline			genetic algorithm, simulated annealing	278	n/a
BeniniBGM06 [116]	15	setup-time, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, tardiness, scheduling, resource, distributed, activity, constraint programming		cumulative, cycle		Cplex, Ilog Solver, ECLiPSe	automotive, pipeline		real-life	column generation	268	n/a
BeniniLMMR08 [117]	15	order, release-date, precedence, Logic-Based Benders Decomposition, resource, task, scheduling, machine, tardiness, make-span, activity, explanation, CP, Benders Decomposition, stochastic, breakdown, constraint programming	SCC, single machine	circuit		Ilog Scheduler, Cplex				column generation	242	n/a
BeniniLMR08 [118]	15	CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, preempt, tardiness, periodic, scheduling, resource, CSP, distributed, activity, constraint programming, release-date, preemptive	SCC	circuit		Cplex, Ilog Scheduler	medical, pipeline		benchmark	simulated annealing	243	n/a
BenoistGR02 [120]	15	activity, constraint programming, multi-objective, CLP, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, stochastic, constraint satisfaction, order, machine, scheduling, resource, transportation				Choco Solver, Claire, CHIP	workforce scheduling		benchmark, real-life	time-tabling	330	n/a
BertholdHLMS10 [122]	5	constraint programming, scheduling, order, preempt, CP, completion-time, resource, job, explanation, precedence	psplib, RCPSP	disjunctive, cumulative		SCIP, Cplex, Z3					215	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BessiereHMQW14 [123]	16	constraint satisfaction, resource, task, scheduling, order, setup-time, constraint programming, machine, CP, job		BufferedResource, Element constraint, cycle, Cardinality constraint, alldifferent		Choco Solver	satellite	textile industry	benchmark, real-life		152	n/a
BillautHL12 [125]	15	job-shop, setup-time, stochastic, constraint programming, precedence, release-date, flow-shop, multi-objective, reactive scheduling, make-span, order, completion-time, machine, CP, cmax, tardiness, due-date, open-shop, job, scheduling, resource	single machine	cycle		Mistral, Cplex			random instance		182	n/a
Bit-Monnot23 [126]	8	task, precedence, scheduling, machine, make-span, activity, explanation, constraint satisfaction, distributed, job, CP, open-shop, constraint programming, order, job-shop, resource, CSP	OSP, Partial Order Schedule, Open Shop Scheduling Problem	Disjunctive constraint, cycle, cumulative, disjunctive		MiniZinc, Mistral, OR-Tools, CPO			benchmark, real-world, github	particle swarm, lazy clause generation, large neighborhood search, genetic algorithm	5	806
BofillCSV17 [135]	9	precedence, make-span, order, machine, preempt, cmax, scheduling, resource, activity, constraint programming, preemptive, CP	psplib, Resource-constrained Project Scheduling Problem, RCPSP	cumulative		SCIP, Z3			benchmark	energetic reasoning, lazy clause generation	96	n/a
BofillEGPSV14 [136]	16	CP, CSP, scheduling, task, machine, order, constraint satisfaction		Channeling constraint		Gecode, MiniZinc, SCIP, Cplex	meeting scheduling		industrial instance	lazy clause generation, time-tabling	153	n/a
BofillGSV15 [137]	9	constraint programming, CLP, CP, order, machine, scheduling, CSP		Cardinality constraint, Channeling constraint		Cplex	meeting scheduling, high school timetabling		industrial instance	time-tabling	131	n/a
BogaerdtW19 [798]	16	scheduling, job-shop, job, completion-time, setup-time, CP, single-machine scheduling, precedence, order, machine, tardiness	parallel machine, single machine	noOverlap	C	OPL, Cplex	railway		benchmark		64	858
BonfiettiLBM11 [139]	15	precedence, task, activity, machine, scheduling, order, make-span, cyclic scheduling, constraint programming, CP, resource, job, periodic, job-shop	RCPSP	cycle, cumulative		Ilog Solver	hoist, robot		benchmark, generated instance, industrial instance		198	n/a
BonfiettiLBM12 [140]	16	precedence, activity, distributed, machine, scheduling, order, make-span, cyclic scheduling, CP, resource, job, periodic, job-shop	RCPSP	cycle, cumulative		Ilog Solver	hoist, robot		benchmark	time-tabling	183	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BonfiettiLM13 [142]	5	scheduling, cyclic scheduling, job-shop, constraint programming, resource, periodic, job, order, make-span, precedence, CP, activity, CSP	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, cycle		Cplex					167	n/a
BonfiettiLM14 [143]	16	scheduling, machine, job-shop, resource, job, order, reactive scheduling, open-shop, stochastic, distributed, make-span, task, precedence, explanation, CP, activity, CSP	Partial Order Schedule, RCPSP, psplib	cumulative					benchmark, real-world	large neighborhood search	154	n/a
BonfiettiM12 [144]	3	task, cyclic scheduling, scheduling, machine, activity, job, CP, constraint programming, precedence, job-shop, resource, periodic	RCPSP	cumulative			hoist		industrial instance		184	n/a
BonfiettiZLM16 [145]	17	resource, periodic, precedence, activity, scheduling, order, make-span, cyclic scheduling, constraint programming, CP	RCPSP	cumulative, cycle, disjunctive		OR-Tools	automotive	automotive industry, control system industry	generated instance, github, industrial instance, benchmark, real-world	edge-finder, sweep	110	872
BonninMNE24 [146]	12	job, activity, flow-time, constraint programming, COP, precedence, release-date, flow-shop, make-span, preemptive, completion-time, CP, task, single-machine scheduling, open-shop, order, machine, preempt, scheduling, explanation, resource, job-shop	single machine	noOverlap, Flowtime constraint, Completion constraint, disjunctive, cumulative, Disjunctive constraint	C++	Cplex	patient, COVID, vaccine		benchmark, real-life	edge-finding, particle swarm, sweep, time-tabling	1	n/a
BoothNB16 [147]	17	distributed, constraint programming, resource, Benders Decomposition, order, activity, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, task, machine, precedence, CSP, CP, re-scheduling		noOverlap, disjunctive, cumulative	C++	Cplex	robot, medical		real-world	large neighborhood search	111	n/a
BoudreaultSLQ22 [152]	16	constraint programming, transportation, distributed, COP, order, explanation, cmax, precedence, activity, machine, CP, make-span, scheduling, multi-objective, resource, preempt, task	psplib, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, Cumulatives constraint, Disjunctive constraint, cumulative		Chuffed, MiniZinc, OPL, OR-Tools	offshore	repair industry, ship repair industry	gitlab, github, real-world, supplementary material, benchmark, generated instance, real-life, industrial partner	large neighborhood search, meta heuristic, edge-finding, lazy clause generation, not-first, not-last, energetic reasoning	20	821

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BourdaisGP03 [153]	15	scheduling, order, CP, resource, task, constraint programming, CLP, constraint satisfaction		Cardinality constraint	C++	OPL, CHIP, Ilog Solver	nurse, physician, patient		real-life, real-world, benchmark	column generation	319	n/a
BridiLBBM16 [159]	2	task, constraint programming, make-span, order, machine, periodic, distributed, job, activity, scheduling, resource									112	n/a
BrusoniCLMMT96 [162]	10	constraint logic programming, due-date, CSP, resource, precedence, task, job-shop, COP, constraint satisfaction, no-wait, constraint optimization, CLP, scheduling, order, activity, distributed, job		disjunctive, Disjunctive constraint	Prolog		railway, train schedule				379	n/a
BurtLPS15 [164]	17	task, bi-objective, job, unavailability, machine, stochastic, precedence, tardiness, constraint programming, completion-time, CP, job-shop, resource, Benders Decomposition, order, periodic, single-machine scheduling, scheduling, make-span	parallel machine, single machine	cumulative, cycle		Cplex, Gurobi, Gecode, MiniZinc			benchmark, industry partner, real-world	quadratic programming, MIQP, MINLP	132	n/a
CambazardHDJT04 [168]	15	machine, CP, preemptive, scheduling, completion-time, periodic, Logic-Based Benders Decomposition, resource, preempt, Benders Decomposition, task, constraint programming, distributed, order, constraint logic programming, explanation, precedence, constraint satisfaction	parallel machine	Cardinality constraint, Element constraint, Channeling constraint	Java		aircraft, robot, automotive		benchmark	simulated annealing, genetic algorithm	304	n/a
CambazardJ05 [169]	5	scheduling, explanation, CP, Benders Decomposition, constraint logic programming, task, constraint programming, Logic-Based Benders Decomposition, CSP				Choco Solver					279	n/a
CappartS17 [171]	16	multi-objective, re-scheduling, scheduling, task, machine, constraint satisfaction, job-shop, completion-time, COP, CP, resource, breakdown, activity, explanation, job, constraint programming, precedence, order	TMS	cumulative, span constraint, noOverlap, alternative constraint		OPL	train schedule, railway		bitbucket, real-life, random instance	large neighborhood search	97	867
CappartTSR18 [172]	17	Logic-Based Benders Decomposition, resource, periodic, CSP, activity, Pareto, scheduling, transportation, setup-time, producer/consumer, CP, Benders Decomposition, multi-objective, constraint programming, order	Partial Order Schedule	cumulative, noOverlap, circuit, disjunctive		MiniZinc, Cplex, CPO, OPL	medical, patient		bitbucket, real-life, CSPlib	column generation, large neighborhood search	83	865

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
CarchraeBF05 [174]	1	task, scheduling, make-span, order, CP	Partial Order Schedule								280	n/a
Caseau97 [181]	4	preempt, make-span, job, resource, preemptive, order, scheduling, task, constraint programming, job-shop, CP		cumulative			robot		benchmark	edge-finding	371	n/a
CatusseCBL16 [183]	7	release-date, due-date, scheduling, machine, job, COP, order, CP, resource, stochastic, task, constraint programming	parallel machine, single machine	disjunctive	Julia	OPL	telescope, astronomy			column generation, large neighborhood search, meta heuristic	113	n/a
CauwelaertDMS16 [184]	16	batch process, order, setup-time, precedence, activity, machine, sequence dependent setup, CP, preemptive, make-span, scheduling, completion-time, resource, preempt, task, job, job-shop, constraint programming		cumulative, disjunctive	Java		container terminal		real-life, bit-bucket, benchmark	not-first, not-last, edge-finding	114	873
CauwelaertLS15 [185]	10	CSP, task, scheduling, order, constraint programming, CP, resource	RCPSP, Resource-constrained Project Scheduling Problem, psplib	bin-packing, table constraint, cumulative, disjunctive, Cumulatives constraint, GCC constraint					benchmark, bit-bucket	time-tabling, energetic reasoning	133	874
CestaOS00 [190]	6	job, scheduling, precedence, make-span, CSP, CP, re-scheduling, stochastic, job-shop, resource, order, activity, constraint satisfaction	JSSP, TCSP	disjunctive, cycle	Lisp		robot		benchmark	edge-finding	346	n/a
CestaOS98 [189]	1	job, scheduling, CSP, CP, resource					robot				360	n/a
ChapadosJR11 [191]	6	task, scheduling, activity, CP, constraint programming, order		cycle, cumulative		OPL		retail industry		column generation, time-tabling	199	n/a
ChuGNSW13 [193]	7	distributed, resource, job, constraint satisfaction, scheduling, precedence, task, CP, machine, constraint programming, order, CSP		Cardinality constraint, disjunctive, cumulative, alldifferent		CHIP				not-last, edge-finding, not-first	168	n/a
ChuX05 [194]	15	scheduling, machine, constraint programming, order, one-machine scheduling, completion-time, constraint logic programming, Logic-Based Benders Decomposition, due-date, explanation, single-machine scheduling, CP, release-date, resource, job, Benders Decomposition	single machine	cumulative, disjunctive, Disjunctive constraint		ECLiPSe				MINLP	281	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ChunCTY99 [195]	8	constraint satisfaction, scheduling, task, reactive scheduling, explanation, CLP, CSP, CP, machine, distributed, constraint programming, resource, transportation, order	TMS	cycle	C++	Ilog Solver	aircraft				354	n/a
ChunS14 [196]	8	constraint programming, transportation, CSP, task, resource, order, re-scheduling, constraint satisfaction, job, scheduling, constraint logic programming	TMS		Java	OPL	railway		real-world	sweep	155	n/a
CireCH13 [198]	7	tardiness, scheduling, constraint programming, Benders Decomposition, constraint satisfaction, task, stochastic, CP, Logic-Based Benders Decomposition, explanation, constraint logic programming, precedence, order, make-span, machine, job, resource		circuit, cumulative		OPL, SCIP, Cplex					169	882
ClercqPBJ11 [202]	16	order, scheduling, resource, due-date, distributed, activity, release-date, completion-time, CP, precedence		cumulative, alldifferent, SoftCumulative, Cumulatives constraint, SoftCumulativeSum, Cardinality constraint	Java	Choco Solver, CHIP			benchmark	time-tabling, edge-finding, sweep, energetic reasoning	200	n/a
CobanH10 [203]	5	CP, make-span, distributed, re-scheduling, preemptive, order, scheduling, job, tardiness, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, preempt		circuit, disjunctive		OPL, Cplex					216	n/a
CohenHB17 [205]	17	machine, constraint programming, CP, order, activity, constraint satisfaction, scheduling, task, COP		noOverlap, alternative constraint		Cplex, OPL	music festival			time-tabling, support vector regression, machine learning, simulated annealing	98	n/a
ColT19 [207]	17	scheduling, machine, job-shop, constraint programming, order, constraint satisfaction, make-span, CP, earliness, precedence, resource, job	JSSP	noOverlap, disjunctive	Java	OR-Tools, CPO, MiniZinc			benchmark, github, real-world	machine learning, genetic algorithm, large neighborhood search	65	859

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Colombani96 [208]	15	job, scheduling, resource, due-date, job-shop, task, activity, stochastic, constraint programming, precedence, release-date, CLP, preempt, CP, constraint satisfaction, order, machine		disjunctive		CHIP				simulated annealing	380	n/a
CrawfordB94 [210]	6	order, machine, scheduling, resource, job-shop, distributed, job, task					operating room				392	n/a
DannaP03 [215]	5	constraint programming, job-shop, activity, CP, explanation, earliness, resource, order, tardiness, scheduling, machine, job		disjunctive		Ilog Solver, Ilog Scheduler, Cplex			benchmark	genetic algorithm, large neighborhood search	320	n/a
Davenport10 [218]	5	resource, release-date, completion-time, earliness, constraint programming, order, CP, planned maintenance, tardiness, periodic, scheduling, due-date				Cplex	semiconductor maintenance scheduling				217	n/a
DavenportKRSH07 [219]	13	activity, machine, preempt, job-shop, CP, resource, inventory, order, job, setup-time, make to order, precedence, constraint programming, sequence dependent setup, constraint satisfaction, scheduling		disjunctive, bin-packing	C++	Cplex, CHIP		steel industry		large neighborhood search	256	n/a
DejemeppeCS15 [228]	16	setup-time, constraint programming, resource, preempt, completion-time, tardiness, CP, make-span, task, precedence, preemptive, activity, job-shop, sequence dependent setup, scheduling, release-date, machine, job, order	single machine	disjunctive, cumulative, cycle			container terminal		bitbucket, real-world, generated instance, benchmark	not-last, genetic algorithm, not-first, edge-finding, ant colony, Lagrangian relaxation	134	875
DejemeppeD14 [229]	9	bi-objective, precedence, job-shop, resource, Pareto, scheduling, make-span, activity, setup-time, job, CP, constraint optimization, multi-objective, COP, constraint programming, order		cumulative			patient, medical		bitbucket	large neighborhood search	156	880

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
DemirovicS18 [232]	18	scheduling, CP, order, resource, task, constraint programming, precedence, activity		cumulative, disjunctive, Disjunctive constraint		Gurobi, MiniZinc	high school timetabling		benchmark, real-world	time-tabling, large neighborhood search, meta heuristic, mat heuristic, simulated annealing, column generation	84	n/a
DerrienP14 [234]	9	resource, constraint programming, order, scheduling, make-span, constraint satisfaction, activity, CP	CuSP, psplib	cumulative	Java	Choco Solver			random instance	sweep, edge-finding, energetic reasoning	157	n/a
DerrienPZ14 [235]	9	job, activity, constraint programming, precedence, make-span, CP, re-scheduling, order, machine, scheduling, resource	RCPSP, CuSP	Cumulatives constraint, cumulative, Balance constraint		Choco Solver, CHIP			benchmark, real-world, random instance	sweep, large neighborhood search	158	n/a
DilkinaDH05 [237]	5	stochastic, COP, precedence, make-span, CP, order, machine, job, scheduling, CSP, job-shop, constraint optimization				OPL				systematic local search, simulated annealing	282	n/a
DilkinaH04 [238]	6	resource, explanation, constraint programming, CSP, stochastic, constraint optimization, multi-agent, scheduling, constraint satisfaction		circuit	Java				real-life	systematic local search, simulated annealing	305	n/a
DincbasS91 [240]	13	resource, re-scheduling, constraint programming, constraint logic programming, scheduling, task, online scheduling				CHIP	aircraft				403	n/a
DoRZ08 [242]	5	order scheduling, distributed, resource, job, stochastic, scheduling, machine, order, make-span					robot		real-world, industrial partner		244	n/a
DoomsH08 [244]	16	stochastic, activity, CP, explanation, resource, order, scheduling, completion-time, machine, job, online scheduling, job-shop, task	RCPSP					service industry			245	n/a
DoulabiRP14 [248]	9	due-date, activity, scheduling, resource, task, constraint programming, order, CP		Cardinality constraint, bin-packing, Element constraint		Cplex	medical, patient, nurse, operating room, surgery			column generation	159	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EdisO11 [251]	7	job, scheduling, constraint logic programming, CP, Logic-Based Benders Decomposition, constraint programming, tardiness, due-date, completion-time, lateness, earliness, Benders Decomposition, task, resource, make-span, flow-time, machine, activity, preempt	parallel machine	bin-packing, noOverlap, cumulative		OPL, Cplex				meta heuristic, genetic algorithm, Lagrangian relaxation	201	n/a
EfthymiouY23 [254]	16	make-span, explanation, job, re-scheduling, CP, setup-time, order, job-shop, CSP, task, constraint programming, scheduling, machine	JSSP, CHSP	cumulative, disjunctive, cycle	Python	OR-Tools, OPL	hoist, pipeline, electroplating, satellite		generated instance, random instance, industrial instance, benchmark, real-life	neural network, meta heuristic, deep learning, reinforcement learning, machine learning	6	807
ElhouraniDM07 [256]	6	constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity		cycle		OPL					257	n/a
ElkhyariGJ02 [258]	6	precedence, scheduling, machine, CLP, make-span, activity, explanation, constraint satisfaction, due-date, re-scheduling, CP, breakdown, preempt, resource, task, constraint programming	Resource-constrained Project Scheduling Problem, RCPSP	table constraint, cumulative, disjunctive							331	n/a
ElkhyariGJ02a [259]	24	order, online scheduling, open-shop, CSP, breakdown, due-date, task, precedence, explanation, CP, activity, re-scheduling, scheduling, CLP, constraint satisfaction, constraint programming, resource, constraint logic programming	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative, Disjunctive constraint, disjunctive, Arithmetic constraint		OPL	high school timetabling		benchmark, real-life	genetic algorithm, time-tabling	332	n/a
EreminW01 [262]	15	explanation, scheduling, CP, constraint programming, resource, transportation, Benders Decomposition, order, Logic-Based Benders Decomposition, task, constraint logic programming		cumulative, cycle		ECLiPSe, Cplex, CHIP	crew-scheduling		real-world, industrial partner, benchmark	Lagrangian relaxation, column generation	341	n/a
ErtlK91 [263]	12	task, resource, order, machine, setup-time, constraint satisfaction, scheduling, constraint logic programming		cycle	Prolog		pipeline		benchmark, real-world		404	n/a
EskeyZ90 [265]	8	CSP, activity, explanation, machine, resource, re-scheduling, order, scheduling, constraint satisfaction, job, task, job-shop		cumulative	C				real-world	machine learning	406	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EvenSH15 [268]	18	transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task		Disjunctive constraint, cumulative, disjunctive		OPL, Choco Solver	evacuation, emergency service		real-life, real-world	column generation, sweep, mat heuristic, ant colony	135	n/a
FalqueALM24 [276]	9	CP, task, constraint satisfaction, order, periodic, scheduling, resource, CSP, transportation, constraint optimization, job, constraint programming, COP		table constraint, alldifferent	Python, C , Java	Choco Solver, OPL, MiniZinc	COVID, aircraft		github, real-world, gitlab, supplementary material	column generation, large neighborhood search, lazy clause generation	2	803
FocacciLN00 [283]	10	Pareto, setup-time, CP, task, constraint satisfaction, constraint programming, precedence, sequence dependent setup, make-span, open-shop, order, CLP, machine, preempt, cmax, scheduling, resource, due-date, job-shop, distributed, job, activity		Disjunctive constraint, disjunctive					real-world	edge-finding	347	n/a
FontaineMH16 [285]	11	constraint satisfaction, scheduling, machine, job, CP, Benders Decomposition, make-span, explanation, order, Logic-Based Benders Decomposition, job-shop, resource, task, constraint programming, completion-time, precedence, CLP	parallel machine	disjunctive		MiniZinc, Gurobi, CHIP			benchmark	column generation, large neighborhood search, meta heuristic, machine learning	115	n/a
FortinZDF05 [287]	15	resource, task, activity, stochastic, precedence, temporal constraint reasoning, make-span, CP, order, scheduling	psplib								283	n/a
FoxAS82 [288]	4	job, order, scheduling, distributed, precedence, job-shop, due-date, re-scheduling, tardiness, machine, task, resource					robot				411	n/a
FoxS90 [289]	14	CLP, lateness, CSP, earliness, tardiness, activity, flow-time, precedence, re-scheduling, resource, job, setup-time, reactive scheduling, stochastic, scheduling, machine, job-shop, task, order, constraint satisfaction, unavailability, completion-time, make-span, flow-shop, due-date, COP	single machine	disjunctive, Disjunctive constraint		CHIP	telescope, robot		real-world	simulated annealing	407	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
FrankDT16 [290]	9	scheduling, task, explanation, re-scheduling, constraint programming, order, cyclic scheduling, CP, resource, job, setup-time		disjunctive, geost, noOverlap		Cplex	satellite, robot, offshore				116	n/a
FrankK03 [291]	10	stochastic, order, scheduling					astronomy, aircraft, telescope		benchmark		321	n/a
FrankK05 [292]	18	stochastic, periodic, CP, explanation, due-date, order, job, resource, precedence, scheduling, task		cycle			astronomy, satellite, aircraft, telescope		benchmark		284	n/a
FrimodigS19 [294]	17	order, machine, job, scheduling, resource, job-shop, stochastic, constraint programming, CP, Benders Decomposition, task, constraint satisfaction		cumulative, bin-packing, regular expression, Regular constraint	Python	Cplex, MiniZinc, Gecode	medical, patient, physician, nurse, radiation therapy, surgery		benchmark, real-world	large neighborhood search	66	860
FrohnerTR19 [296]	9	constraint optimization, constraint satisfaction, constraint programming, multi-objective, order, CP, scheduling, CSP, distributed			Java, Python	MiniZinc, Gecode, Gurobi	nurse		benchmark, real-world	ant colony, meta heuristic	67	n/a
FrostD98 [297]	1	scheduling, constraint satisfaction, CSP, CP, order					maintenance scheduling	power industry			361	n/a
FukunagaHFAMN02 [298]	8	constraint satisfaction, machine, scheduling, periodic, activity, resource, task, distributed, order				OPL	robot, meeting scheduling		real-world	simulated annealing	333	n/a
GalleguillosKSB19 [299]	18	resource, order, job, constraint programming, re-scheduling, machine, distributed, activity, make-span, stochastic, scheduling, CP	Resource-constrained Project Scheduling Problem, JSSP	alternative constraint, cumulative	Python	OR-Tools	datacenter, supercomputer, high performance computing			large neighborhood search, neural network, machine learning	68	861
GarganiR07 [301]	13	machine, resource, CP, inventory, order, constraint programming, CSP		Element constraint, bin-packing, Channeling constraint	C++	OPL	steel mill	steel industry	real-life, CSPlib	large neighborhood search, column generation	258	n/a
GayHLS15 [304]	9	CP, resource, precedence, order, make-span, scheduling, constraint programming, constraint satisfaction, task, CSP, activity	OSP, psplib, RCPSP	cumulative, disjunctive					bitbucket, benchmark	edge-finding, time-tabling	136	876
GayHS15 [305]	9	task, preemptive, resource, order, scheduling, CP, precedence, constraint programming, preempt		cumulative, table constraint, Cumulatives constraint, disjunctive		Choco Solver, OR-Tools, Gecode			bitbucket	time-tabling, sweep	137	877

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GayHS15a [306]	16	preemptive, order, machine, scheduling, constraint programming, task, manpower, CP, preempt, resource	psplib, RCPSP	cumulative, disjunctive, Cumulatives constraint	Java				real-world, benchmark, bitbucket	not-first, not-last, edge-finding, time-tabling, energetic reasoning, sweep	138	878
GaySS14 [307]	15	machine, activity, setup-time, continuous-process, resource, job, order, scheduling, CP, precedence, manpower, job-shop, constraint programming, completion-time, make-span, CSP	Partial Order Schedule	cycle, disjunctive, cumulative			steel mill		real-life, CSPlib	Lagrangian relaxation, meta heuristic, ant colony, large neighborhood search, sweep	161	n/a
GeibingerKKMMW21 [310	10	CP, scheduling, distributed, constraint programming		Cardinality constraint		MiniZinc, OR-Tools, Gurobi, Cplex, Gecode	medical, patient, nurse, physician, COVID	pharmaceutica industry	real-world		41	838
GeibingerMM19 [312]	16	precedence, CP, activity, re-scheduling, scheduling, constraint programming, release-date, resource, job, order, completion-time, due-date, multi-objective, make-span, task	RCPSP, Resource-constrained Project Scheduling Problem	Pulse constraint, alternative constraint, cumulative, endBeforeStart, noOverlap	Java	Cplex, CPO, Gecode, MiniZinc	automotive		real-world, generated instance, benchmark, real-life, industrial partner	time-tabling	69	n/a
GeibingerMM21 [313]	9	precedence, CP, activity, scheduling, machine, CLP, constraint programming, release-date, resource, constraint logic programming, job, order, completion-time, tardiness, due-date, task	RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		Chuffed, Cplex, CPO	nurse, train schedule, operating room		real-world, generated instance, github, benchmark, real-life	simulated annealing, large neighborhood search, lazy clause generation, time-tabling, machine learning	42	839
GeitzGSSW22 [314]	18	constraint satisfaction, sequence dependent setup, job, scheduling, resource, job-shop, transportation, setup-time, task, constraint programming, lateness, COP, precedence, batch process, make-span, preemptive, order, CLP, completion-time, machine, preempt, CP, producer/consumer	single machine, JSSP, RCPSP	cumulative		OPL	robot		real-world, real-life, github	meta heuristic, machine learning, sweep, simulated annealing, not-last, lazy clause generation	21	822

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GelainPRVW17 [315]	16	order, CP, resource, CSP, constraint optimization, constraint programming, CLP, constraint satisfaction, scheduling					meeting scheduling		CSPlib, real-life, benchmark		99	n/a
Geske05 [318]	18	re-scheduling, task, resource, CSP, lateness, machine, activity, distributed, constraint satisfaction, job, order, scheduling, CP, CLP, job-shop, constraint programming		cumulative	Prolog	SICStus, CHIP	train schedule, railway	railway industry	real-life	genetic algorithm	285	n/a
GetoorOFC97 [319]	6	order, machine, scheduling, resource, CSP, job-shop, constraint optimization, online scheduling, job, activity, constraint programming, precedence, flow-shop, make-span, constraint logic programming, task, constraint satisfaction		span constraint	Prolog	SICStus	robot		benchmark		372	n/a
GilesH16 [321]	16	transportation, constraint programming, constraint satisfaction, task, setup-time, activity, CP, constraint optimization, resource, inventory, order, scheduling		disjunctive, cumulative		Cplex	pipeline	chemical industry, processing industry, petro-chemical industry, chemical processing industry			117	n/a
GingrasQ16 [322]	7	scheduling, task, make-span, resource, constraint programming, completion-time, precedence, CP, order	psplib, RCPSP, CuSP	disjunctive, cumulative		Choco Solver			benchmark	sweep, edge-finder, edge-finding, energetic reasoning	118	n/a
GlobusCLP04 [323]	8	job, resource, job-shop, task, stochastic, flow-shop, order, CP, scheduling		cycle			earth observation, telescope, satellite, deep space, robot		real-world	genetic algorithm, sweep, simulated annealing	306	n/a
GodardLN05 [324]	9	order, tardiness, scheduling, machine, make-span, constraint satisfaction, job-shop, activity, completion-time, earliness, CP, resource, job, constraint programming, precedence	Resource-constrained Project Scheduling Problem, JSSP	cumulative, disjunctive, table constraint		Ilog Solver, Ilog Scheduler			benchmark	large neighborhood search	286	n/a
GodetLHS20 [326]	8	job, release-date, scheduling, task, machine, make-span, resource, constraint programming, completion-time, CP, setup-time, order, cmax	single machine, PMSP, parallel machine	alldifferent, bin-packing, Disjunctive constraint, cumulative, disjunctive		Chuffed, CHIP, Choco Solver	satellite		real-life, benchmark, generated instance, github	not-last, lazy clause generation, timetabling, large neighborhood search	51	847

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GokGSTO20 [328]	17	multi-agent, CP, stochastic, constraint programming, order, activity, distributed, task, job-shop, resource, bi-objective, job, setup-time, scheduling, precedence, tardiness	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, circuit, disjunctive	Python	Gecode, Z3, Gurobi, MiniZinc	aircraft		Roadef, real-world	large neighborhood search, GRASP, genetic algorithm, mat heuristic	52	n/a
GoldwaserS17 [331]	16	constraint programming, order, Logic-Based Benders Decomposition, resource, scheduling, machine, transportation, due-date, CP, Benders Decomposition, constraint optimization		cumulative, disjunctive	Python	Gurobi, Gecode	torpedo	steel industry	github, instance generator, generated instance	column generation, lazy clause generation, simulated annealing	100	868
Goltz95 [333]	14	task, resource, machine, job, order, scheduling, constraint logic programming, precedence, CLP, job-shop, due-date, completion-time		cumulative, disjunctive	Prolog	CHIP			benchmark	edge-finding	386	n/a
GomesHS06 [335]	2	multi-agent, CP, constraint programming, order, scheduling, distributed, task				Ilog Solver			real-life		269	n/a
GrimesH10 [339]	15	constraint logic programming, job, flow-shop, setup-time, no-wait, scheduling, precedence, make-span, sequence dependent setup, CSP, batch process, cmax, CP, machine, constraint programming, job-shop, open-shop, CLP, order, constraint satisfaction, task, resource	Open Shop Scheduling Problem	disjunctive, cumulative, cycle, Disjunctive constraint				steel industry	benchmark	genetic algorithm, meta heuristic, simulated annealing, timetabling, edge-finding	218	n/a
GrimesH11 [340]	17	job, flow-shop, no-wait, scheduling, precedence, make-span, tardiness, earliness, CSP, due-date, cmax, CP, machine, constraint programming, job-shop, open-shop, order, completion-time, constraint satisfaction, release-date, task, resource	RCPSP	disjunctive, cumulative, Disjunctive constraint		Cplex, Ilog Solver, OPL, Ilog Scheduler			benchmark	genetic algorithm, meta heuristic, lazy clause generation, large neighborhood search, memetic algorithm, edge-finding	202	n/a
GrimesHM09 [342]	9	make-span, constraint satisfaction, resource, job-shop, CP, open-shop, order, job, constraint programming, CSP, precedence, scheduling, task, machine	OSP, Open Shop Scheduling Problem	disjunctive, Balance constraint, Disjunctive constraint	Java	Mistral, Ilog Scheduler, Choco Solver			benchmark	edge-finding, not-last, meta heuristic, particle swarm	228	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GroleazNS20 [346]	17	job, scheduling, explanation, resource, due-date, CSP, job-shop, setup-time, inventory, constraint programming, precedence, release-date, preemptive, machine, preempt, CP, tardiness, order	Resource-constrained Project Scheduling Problem, GCSP	noOverlap, circuit, cycle, cumulative		CPO, OR-Tools		food industry	industrial instance, benchmark	mat heuristic, ant colony, large neighborhood search, meta heuristic	53	848
GroleazNS20a [345]	9	multi-objective, order, release-date, precedence, resource, preemptive, scheduling, machine, transportation, tardiness, setup-time, preempt, inventory, due-date, distributed, job, CP	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	cumulative, cycle, noOverlap		Cplex, CPO		food industry	industrial partner, benchmark	swarm intelligence, machine learning, ant colony, genetic algorithm, meta heuristic, GRASP	54	849
GruianK98 [348]	8	CSP, CP, re-scheduling, CLP, order, activity, task, resource, constraint logic programming, scheduling		cumulative, cycle, diffn, circuit		OPL, CHIP	pipeline, aircraft		benchmark	genetic algorithm, meta heuristic	362	n/a
GuSS13 [349]	7	CP, activity, precedence, resource, scheduling, net present value, machine, constraint programming, order, make-span, distributed, explanation, single-machine scheduling	Resource-constrained Project Scheduling Problem, single machine	cumulative					benchmark	Lagrangian relaxation, edge-finding, lazy clause generation, timetabling, meta heuristic, edge-finder, genetic algorithm	170	883
GuSW12 [351]	15	CP, activity, precedence, resource, job, scheduling, net present value, cmax, order, make-span, preempt, preemptive	Resource-constrained Project Scheduling Problem	cumulative	C++				benchmark	Lagrangian relaxation, lazy clause generation, ant colony	185	n/a
HamdiL13 [365]	7	due-date, order, tardiness, scheduling, Benders Decomposition, completion-time, flow-shop, job, task, constraint programming, CP, Logic-Based Benders Decomposition, preempt, make-span, single-machine scheduling, machine, resource, release-date	single machine, parallel machine	cumulative, circuit, disjunctive, noOverlap		OPL			real-life		171	n/a
Hamscher91 [366]	6	machine, order, CP, inventory	TMS		Lisp						405	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HanenKP21 [367]	17	due-date, machine, precedence, tardiness, preemptive, completion-time, cmax, CP, lateness, constraint programming, job-shop, resource, order, preempt, release-date, scheduling, make-span, task, job	RCPSP, CuSP, parallel machine, Resource-constrained Project Scheduling Problem	cumulative	Python	Claire	pipeline		Roadef, generated instance, random instance	energetic reasoning	43	840
He0GLW18 [375]	18	CP, distributed, precedence, re-scheduling, order, scheduling, multi-objective, machine, transportation, multi-agent			Python	Gurobi	energy-price, real-time pricing		real-world, bitbucket	quadratic programming	85	866
HebrardALLCMR22 [376]	7	order, scheduling, activity, CP		cumulative	Julia	Claire	deep space			sweep	22	n/a
HebrardTW05 [378]	1	scheduling, job-shop, job, constraint programming, CP, constraint satisfaction, order, machine									287	n/a
HechingH16 [380]	11	COP, scheduling, manpower, constraint satisfaction, Logic-Based Benders Decomposition, CP, order, re-scheduling, job, constraint programming, Benders Decomposition, stochastic, task		circuit, noOverlap		OPL, Cplex	patient, medical		real-world	mat heuristic	119	n/a
HeinzB12 [382]	17	Benders Decomposition, Logic-Based Benders Decomposition, constraint satisfaction, activity, CP, explanation, single-machine scheduling, earliness, resource, COP, precedence, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, constraint programming	single machine	Channeling constraint, cycle, cumulative, alternative constraint, IloAlternative		OPL, Ilog Scheduler, SCIP, Ilog Solver, Cplex				GRASP	186	n/a
HeinzKB13 [383]	16	CP, machine, explanation, constraint programming, Benders Decomposition, order, release-date, Logic-Based Benders Decomposition, job-shop, resource, job, scheduling, tardiness	single machine	cumulative, Channeling constraint		SCIP, Cplex, OPL				meta heuristic	172	n/a
HeinzS11 [385]	10	preempt, CP, explanation, resource, order, scheduling, completion-time, machine, job	psplib, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, disjunctive		SCIP, Cplex			benchmark	time-tabling, energetic reasoning	203	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HentenryckM04 [391]	16	resource, job, completion-time, tardiness, open-shop, due-date, make-span, task, precedence, CP, activity, scheduling, machine, order, constraint satisfaction, job-shop, constraint programming		cumulative, disjunctive, cycle					benchmark	meta heuristic	307	n/a
HentenryckM08 [392]	5	CSP, CP, order, constraint programming		bin-packing			steel mill		CSPlib	large neighborhood search	246	n/a
HermenierDL11 [393]	15	task, precedence, producer/consumer, machine, order, constraint programming, distributed, resource, periodic, completion-time, explanation, CP, no-wait, scheduling		bin-packing, disjunctive, cumulative, cycle, table constraint, alldifferent		Choco Solver	datacenter			meta heuristic	204	n/a
HillTV21 [396]	19	CSP, activity, CP, single-machine scheduling, bi-objective, preempt, net present value, preemptive, order, make-span, machine, job, resource, release-date, precedence, scheduling, constraint programming, flow-shop, task	psplib, Resource-constrained Project Scheduling Problem, RCPSP, single machine	cycle, cumulative, alternative constraint					real-world	genetic algorithm, machine learning, lazy clause generation	44	841
HoYCLLCLC18 [398]	6	task, stochastic, constraint programming, order, machine, re-scheduling, sustainability, distributed, job, scheduling, resource			C		medical, patient, nurse		real-world		86	n/a
HoeveGSL07 [800]	6	multi-agent, scheduling, distributed, job-shop, CP, resource, re-scheduling, job, constraint programming, precedence, task, machine, order		disjunctive		Cplex, Ilog Scheduler			benchmark	edge-finding	259	n/a
Hooker04 [401]	12	constraint satisfaction, machine, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, distributed, resource, precedence, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	308	n/a
Hooker05a [403]	14	CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex				MINLP	288	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker05b [404]	15	CP, constraint programming, Benders Decomposition, order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming		circuit						meta heuristic, simulated annealing, GRASP	289	n/a
Hooker17 [409]	14	job, constraint programming, CP, resource, due-date, order, tardiness, scheduling		circuit					benchmark, random instance		101	n/a
HookerY02 [415]	5	CLP, CP, machine, constraint programming, resource, Benders Decomposition, order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, constraint logic programming, job	RCPSP	cumulative, disjunctive							334	n/a
HoundjiSWD14 [417]	16	CP, constraint programming, order, precedence, resource, scheduling, machine, transportation, inventory, due-date	single machine	circuit, Cardinality constraint, Element constraint, GCC constraint					bitbucket, generated instance		162	881
Hunsberger08 [419]	5	distributed, CP, order, task, scheduling, multi-agent		cycle	Lisp				real-world		247	n/a
IfrimOS12 [421]	16	order, periodic, scheduling, task, job, due-date, CP, machine, re-scheduling, stochastic, distributed, sustainability, resource		disjunctive			energy-price, datacenter		real-life	machine learning, genetic algorithm, neural network	187	n/a
JelinekB16 [427]	10	order, constraint logic programming, scheduling, task, constraint satisfaction, completion-time		cumulative, table constraint	Prolog	OPL, SICStus			real-life		120	n/a
JoLLH99 [428]	6	CSP, breakdown, task, resource, order, reactive scheduling, machine, activity, job-shop, explanation, re-scheduling, constraint satisfaction, job, scheduling, constraint logic programming		cycle	Prolog	Ilog Solver, CHIP	aircraft				356	n/a
Johnston05 [201]	7	order, re-scheduling, scheduling, Pareto, task, machine, resource, periodic, activity, CP, stochastic			C++	OPL	astronomy, deep space, satellite, telescope			Lagrangian relaxation	290	n/a
JungblutK22 [430]	4	constraint programming, make-span, preempt, CP, order, distributed, machine, scheduling, resource, task		circuit		MiniZinc			benchmark, real-world, github		23	823
Junker00 [431]	6	job-shop, CSP, activity, CP, make-span, resource, precedence, due-date, order, scheduling, constraint satisfaction, job, task, release-date	TMS			Ilog Scheduler				edge-finder	348	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
JuvinHHL23 [433]	16	job, CSP, scheduling, task, machine, make-span, cmax, preempt, constraint satisfaction, resource, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, flow-shop, constraint programming, completion-time, precedence, CP, Benders Decomposition, setup-time, order	JSSP, parallel machine	disjunctive, Disjunctive constraint, PreemptiveNoOverlap, noOverlap, endBeforeStart, AllDiffPrec constraint, alldifferent, cumulative	C++	CPO, Mistral			github, benchmark, supplementary material	edge-finding, genetic algorithm, not-last, not-first	7	808
JuvinHL23 [435]	16	precedence, tardiness, completion-time, cmax, CP, machine, stochastic, constraint programming, job-shop, order, setup-time, breakdown, scheduling, make-span, task, job, flow-shop		endBeforeStart, noOverlap		Cplex, CPO			real-world		8	809
KamarainenS02 [437]	17	preemptive, CP, earliness, activity, CSP, scheduling, machine, precedence, transportation, job-shop, resource, constraint logic programming, job, order, constraint satisfaction, constraint programming, preempt	KRFP			ECLiPSe			real-world, benchmark	genetic algorithm, simulated annealing, meta heuristic	335	n/a
KameugneFGOQ18 [440]	17	CP, completion-time, resource, task, CSP, cmax, constraint satisfaction, precedence, make-span, constraint programming, scheduling, order	RCPSP, CuSP, Resource-constrained Project Scheduling Problem	cumulative, Disjunctive constraint, disjunctive	Java	CHIP, Choco Solver			real-world, benchmark	energetic reasoning, time-tabling, sweep, not-last, not-first	87	n/a
KameugneFND23 [441]	17	constraint programming, cmax, preempt, make-span, task, completion-time, explanation, CP, scheduling, CLP, precedence, machine, resource, order	Resource-constrained Project Scheduling Problem, RCPSP, psplib, CuSP	Disjunctive constraint, Cumulatives constraint, disjunctive, cumulative	Java	Choco Solver, CHIP			benchmark	sweep, energetic reasoning, not-last, edge-finding, lazy clause generation, not-first, edge-finder, time-tabling	9	810
KameugneFSN11 [443]	15	completion-time, preemptive, explanation, CP, scheduling, CLP, precedence, job-shop, release-date, resource, job, order, constraint satisfaction, preempt, make-span, task	RCPSP, psplib, CuSP	disjunctive, cumulative		Gecode			benchmark	edge-finding, not-first, time-tabling, not-last	205	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KelarevaTK13 [446]	17	re-scheduling, CP, Benders Decomposition, multi-objective, setup-time, order, resource, net present value, task, constraint programming, precedence, scheduling, transportation, tardiness, make-span, activity, explanation, inventory	Resource-constrained Project Scheduling Problem, Liner Shipping Fleet Repositioning Problem, LSFRP, BPCTOP, Bulk Port Cargo Throughput Optimisation Problem	alldifferent		Cplex, SCIP, MiniZinc	earth observation, satellite, shipping line		real-world	lazy clause generation	173	884
KeriK07 [448]	14	activity, resource, job, order, scheduling, CP, precedence, cmax, job-shop, due-date, earliness, tardiness, temporal constraint reasoning, make-span	Resource-constrained Project Scheduling Problem, RCPSP	cycle	C++					edge-finding	260	n/a
KhemmoudjPB06 [450]	13	constraint programming, resource, order, CSP, distributed, unavailability, stock level, CP, scheduling		cycle, cumulative	C++	CHIP			real-world	meta heuristic	270	n/a
KimCMLLP23 [451]	16	tardiness, earliness, scheduling, machine, make-span, distributed, job-shop, due-date, CP, open-shop, transportation, job, constraint programming, precedence, setup-time, order	parallel machine, SCC	noOverlap	Python	Gurobi, OR-Tools		steel industry	real-world, zenodo, benchmark	mat heuristic, meta heuristic, genetic algorithm, Lagrangian relaxation, large neighborhood search	10	811
KinsellaS0OS16 [452]	6	inventory, scheduling, order, constraint programming, CP, re-scheduling, periodic, task		cycle		SCIP	energy-price, pipeline		real-life, real-world		121	n/a
KlankeBYE21 [454]	16	make-span, order, completion-time, machine, CP, producer/consumer, re-scheduling, due-date, job, activity, scheduling, resource, job-shop, constraint logic programming, task, constraint programming, batch process		circuit, cumulative, noOverlap, disjunctive	Python	OR-Tools, Cplex, CHIP, Gurobi		processing industry, food-processing industry	real-life, random instance, benchmark		45	842

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KletzanderM17 [455]	15	CP, scheduling, transportation, machine, resource, order	parallel machine				torpedo	steel industry		genetic algorithm, neural network, simulated annealing, meta heuristic	102	n/a
KletzanderM20 [456]	10	CP, bi-objective, scheduling, transportation, resource, order, multi-objective					crew-scheduling		real-world, generated instance, benchmark, instance generator, real-life	genetic algorithm, GRASP, time-tabling, simulated annealing, column generation, meta heuristic	55	n/a
KletzanderMH21 [457]	9	Pareto, CSP, multi-objective, transportation, scheduling, order, bi-objective, CP, resource			Java	Cplex	crew-scheduling		real-life, real-world, benchmark	GRASP, simulated annealing, meta heuristic, time-tabling, column generation, genetic algorithm	46	n/a
KorbaaYG99 [461]	8	constraint logic programming, scheduling, make-span, constraint satisfaction, periodic, job-shop, flow-shop, cyclic scheduling, resource, transportation, job, constraint programming, CSP, task, machine, order		cycle, circuit	Prolog	Ilog Solver, OZ, CHIP	robot, hoist				357	n/a
KoschB14 [463]	16	job-shop, CP, Logic-Based Benders Decomposition, explanation, batch process, due-date, order, make-span, machine, job, distributed, resource, lateness, release-date, multi-agent, cmax, scheduling, constraint programming, Benders Decomposition, completion-time	RCPSP, single machine	cumulative, disjunctive, bin-packing	Java	Choco Solver, Cplex	semiconductor		benchmark	meta heuristic, column generation	163	n/a
KotaryFH22 [464]	8	job-shop, constraint programming, precedence, CP, stochastic, order, job, scheduling, task, machine, make-span, constraint satisfaction, resource		Disjunctive constraint, disjunctive, cycle		Z3	pipeline		github, benchmark	deep learning, neural network, machine learning, Lagrangian relaxation	24	824

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KovacsB07 [465]	15	order, activity, preempt, release-date, single-machine scheduling, scheduling, make-span, job, preemptive, due-date, flow-shop, machine, tardiness, constraint programming, earliness, completion-time, CP, job-shop, resource	single machine, parallel machine	cumulative, Completion constraint	C++	Ilog Solver			benchmark	column generation	261	n/a
KovacsEKV05 [468]	1	setup-time, CP, precedence, scheduling, resource, job-shop, job, constraint programming	Resource-constrained Project Scheduling Problem						real-life		291	n/a
KovacsTKSG21 [472]	17	precedence, job-shop, tardiness, planned maintenance, due-date, scheduling, flow-shop, machine, job, re-scheduling, unavailability, breakdown, preempt, order, inventory, distributed, CP, resource, constraint optimization, task, constraint programming, preemptive, release-date	RCPSP, single machine	cumulative		OR-Tools, Cplex, Gurobi			github, real-world, supplementary material, benchmark	neural network, meta heuristic, reinforcement learning, machine learning	47	843
KovacsV04 [470]	15	constraint satisfaction, scheduling, make-span, task, job, machine, precedence, constraint programming, CSP, CP, job-shop, resource, order	single machine, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		Ilog Scheduler			industrial partner, benchmark, real-life	edge-finding	309	n/a
KovacsV06 [471]	13	setup-time, scheduling, make-span, task, job, machine, precedence, tardiness, constraint programming, earliness, CP, job-shop, resource, order	single machine, RCPSP	cumulative		Ilog Scheduler	automotive	energy industry	generated instance, industrial partner, benchmark		271	n/a
KreterSS15 [473]	17	order, scheduling, task, unavailability, machine, make-span, periodic, preempt, resource, preemptive, activity, explanation, completion-time, CP	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	cumulative, Calendar constraint, diffn, Element constraint		MiniZinc, Chuffed, Cplex, CHIP			benchmark	lazy clause generation	139	n/a
KrogtLPHJ07 [799]	13	resource, due-date, job-shop, inventory, job, activity, constraint programming, CP, constraint logic programming, precedence, order, machine, scheduling		circuit	Prolog	OPL	semiconductor aircraft	semiconductor industry	real-world		262	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KucukY19 [480]	5	multi-objective, constraint programming, task, stochastic, setup-time, CP, distributed, resource, sequence dependent setup, order, scheduling		disjunctive, noOverlap, cycle		Cplex	earth observation, satellite		benchmark, generated instance	ant colony, time-tabling, genetic algorithm, column generation, simulated annealing, large neighborhood search, meta heuristic	70	n/a
Kumar03 [479]	15	order, scheduling, CP, producer/consumer, activity, resource		cycle						max-flow, bi-partite matching	322	n/a
Laborie09 [482]	15	task, job, sequence dependent setup, due-date, preempt, precedence, tardiness, earliness, preemptive, CP, machine, inventory, constraint programming, job-shop, resource, order, activity, setup-time, breakdown, release-date, scheduling		noOverlap, cumulative, disjunctive, endBeforeStart, alternative constraint	C	CPO, OPL	satellite, aircraft		benchmark, real-world	genetic algorithm, large neighborhood search	229	n/a
Laborie18a [483]	9	job, constraint programming, release-date, scheduling, task, machine, COP, resource, Logic-Based Benders Decomposition, due-date, precedence, CP, Benders Decomposition		cumulative, alternative constraint		Ilog Scheduler, OPL, CPO			real-life, benchmark, real-world	large neighborhood search, energetic reasoning	88	n/a
LacknerMMWW21 [486]	18	flow-shop, CP, scheduling, machine, lateness, batch process, constraint programming, release-date, job, order, tardiness, earliness, setup-time, due-date, make-span, task	single machine, parallel machine, OSP	cumulative, endBeforeStart, noOverlap, Element constraint		Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	semiconductor oven scheduling	manufacturing industry, electronics industry, steel industry	random instance, supplementary material, benchmark, instance generator, real-life, industrial partner	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm	48	844
LahimerLH11 [488]	14	completion-time, machine, preempt, CP, cmax, job, scheduling, explanation, resource, task, constraint programming, precedence, make-span, preemptive, order	parallel machine, Resource-constrained Project Scheduling Problem, RCPSP	Disjunctive constraint, disjunctive	C++	Ilog Scheduler			benchmark	energetic reasoning, ant colony, genetic algorithm, memetic algorithm	206	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LauLN08 [491]	5	job, order, scheduling, CP, job-shop, resource, transportation, machine, distributed, inventory, flow-shop							real-world, benchmark	Lagrangian relaxation	248	n/a
LeeKLKKYHP97 [494]	6	make-span, activity, due-date, job, CP, breakdown, manpower, order, resource, task, precedence, scheduling		cycle	C++	OPL	robot		real-world		373	n/a
LetortBC12 [497]	16	constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource	psplib	cumulative, geost, Cumulatives constraint, bin-packing	Java, Prolog	Choco Solver, CHIP, SICStus	datacenter		benchmark, random instance, Roadef	meta heuristic, sweep, edge-finding	188	n/a
LetortCB13 [498]	16	constraint programming, precedence, CP, order, scheduling, task, machine, make-span, resource	psplib, RCPSP	Disjunctive constraint, cumulative, disjunctive, bin-packing	Java, Prolog	Choco Solver, SICStus			benchmark, random instance, Roadef	energetic reasoning, meta heuristic, sweep, edge-finding	174	885
LiFJZLL22 [502]	6	tardiness, task, flow-time, batch process, flow-shop, machine, stochastic, constraint programming, order, completion-time, multi-objective, buffer-capacity, CP, blocking constraint, distributed, job-shop, transportation, job, setup-time, no-wait, scheduling, make-span	single machine	Blocking constraint		OPL	robot		benchmark	machine learning, genetic algorithm, memetic algorithm, meta heuristic	25	825
LiLZDZW24 [501]	9	CP, machine, distributed, constraint programming, transportation, order, scheduling, make-span, task, job, flow-shop			Python				benchmark, github, real-life	neural network, reinforcement learning, NEH, meta heuristic, machine learning, deep learning	3	804
LimAHO02a [504]	2	scheduling, task, re-scheduling, stochastic, CSP, order, constraint satisfaction							real-life	genetic algorithm, time-tabling	336	n/a
LimBTBB15 [508]	15	scheduling, tardiness, earliness, multi-agent, machine, re-scheduling, stochastic, constraint programming, order, CP, job-shop, job				OPL	meeting scheduling, HVAC		benchmark	meta heuristic, time-tabling, large neighborhood search, MINLP	140	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LimHTB16 [506]	18	machine, online scheduling, multi-agent, constraint programming, constraint satisfaction, stochastic, activity, CP, distributed, re-scheduling, order, scheduling		cumulative		OPL	HVAC, meeting scheduling, energy-price, real-time pricing		real-world	large neighborhood search, meta heuristic	122	n/a
LimRX04 [505]	5	scheduling, CP, constraint programming, preempt, completion-time, transportation, preemptive, stochastic, machine, job, order					container terminal		generated instance	simulated annealing	310	n/a
Limtanyakul07 [509]	6	make-span, task, CP, scheduling, due-date, precedence, release-date, machine, resource, job, order, constraint programming		cumulative		OPL	robot	automobile industry	real-life	energetic reasoning	263	n/a
LipovetzkyBPS14 [511]	9	precedence, CP, transportation, make-span, scheduling, resource, Benders Decomposition, task, breakdown, constraint programming, order		disjunctive		Cplex	crew-scheduling		real-world, industrial partner, industry partner, benchmark, generated instance, real-life		164	n/a
LiuCGM17 [515]	17	order, scheduling, machine, task, transportation, cmax, constraint programming, constraint satisfaction, constraint optimization, CSP, activity, CP, explanation, COP		Element constraint	Python	OR-Tools, OPL, MiniZinc		tourism industry	github	simulated annealing, column generation	103	869
LiuJ06 [516]	5	task, order, make-span, resource, multi-objective, scheduling		disjunctive, Disjunctive constraint, cycle							272	n/a
LiuLH19 [512]	9	CSP, resource, constraint satisfaction, order, constraint optimization, scheduling, CP, constraint programming		Channeling constraint		Choco Solver			benchmark, CSPlib	time-tabling, meta heuristic	71	n/a
LombardiBM15 [518]	16	stochastic, constraint programming, order, job-shop, resource, CSP, task, completion-time, precedence, scheduling, machine, make-span, activity, distributed, job, CP	JSSP, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP, psplib						benchmark, real-world	large neighborhood search	142	n/a
LombardiBMB11 [519]	17	order, stochastic, resource, periodic, completion-time, CSP, cyclic scheduling, make-span, task, precedence, CP, activity, scheduling, machine	RCPSP	cycle, cumulative	C++		hoist		benchmark, real-life, industrial instance		207	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LombardiM09 [520]	15	precedence, make-span, order, preempt, CP, activity, scheduling, resource, preemptive, completion-time, task, stochastic	Resource-constrained Project Scheduling Problem, RCPSP	Balance constraint		Ilog Solver			real-world, instance generator		230	n/a
LombardiM10 [522]	15	precedence, make-span, order, CP, CSP, activity, scheduling, resource, completion-time, task, stochastic	Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, Disjunctive constraint, disjunctive		Ilog Solver			real-world, benchmark		219	n/a
LombardiM13 [525]	2	precedence, make-span, order, CP, CSP, activity, scheduling, resource, task	psplib, Resource-constrained Project Scheduling Problem, RCPSP								175	n/a
LouieVNB14 [531]	7	resource, periodic, activity, order, job, scheduling, task, machine		cycle		OPL	patient, robot				165	n/a
LozanoCDS12 [532]	17	machine, scheduling, resource, distributed, constraint programming, COP, precedence, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, order		cumulative, cycle		CHIP, OPL, Gecode	pipeline, rectangle-packing		benchmark	sweep	189	n/a
LudwigKRBMS14 [535]	6	task, precedence, scheduling, transportation, resource, periodic, order		cycle		OZ	automotive, robot		real-world	sweep	166	n/a
LuoB22 [539]	17	scheduling, re-scheduling, job, Benders Decomposition, machine, batch process, job-shop, constraint programming, order, constraint satisfaction, constraint logic programming, CP, resource, CSP		AlwaysConstant, diffn, Element constraint, cumulative, bin-packing, alwaysIn	Python	Cplex, CHIP	super-computer, rectangle-packing, railway	forging industry, metal industry	real-life, industry partner, real-world, generated instance, github, industrial instance		26	826
LuoVLBM16 [538]	4	job-shop, resource, order, activity, scheduling, task, job, machine, explanation, precedence					nurse			time-tabling	123	n/a
Madi-WambaB16 [542]	16	task, explanation, CP, scheduling, CLP, sustainability, precedence, constraint satisfaction, constraint programming, resource, job, order		TaskIntersection constraint, cumulative	Java	CHIP, Choco Solver			real-world, random instance, generated instance, benchmark		124	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Madi-WambaLOBM17 [543]	8	scheduling, constraint satisfaction, order, CSP, precedence, CP, job, distributed, machine, task, re-scheduling, activity, resource, constraint programming		Cumulatives constraint, Element constraint, bin-packing, cumulative	Prolog	SICStus	datacenter		real-world	sweep	104	n/a
MakMS10 [544]	5	constraint satisfaction, job, scheduling, CP, constraint programming, due-date, transportation, CSP, inventory, task, resource, order, machine, activity, precedence		cycle						genetic algorithm	220	n/a
MalapertCGJLR13 [547]	2	constraint programming, flow-shop, CSP, order, cmax, open-shop, precedence, constraint satisfaction, machine, CP, preemptive, make-span, scheduling, resource, preempt, task, job, job-shop	single machine, Open Shop Scheduling Problem	disjunctive, cumulative	Java	Choco Solver			benchmark, real-life	meta heuristic, genetic algorithm, ant colony, particle swarm	176	n/a
MalapertN19 [549]	17	bi-objective, sequence dependent setup, order, machine, breakdown, cmax, scheduling, resource, job, flow-time, constraint programming, COP, make-span, completion-time, setup-time, CP, task, single-machine scheduling	PMSP, PTC, parallel machine, single machine	cumulative, noOverlap, alternative constraint, alwaysIn		Cplex, CPO	semiconductor		generated instance, industrial instance, benchmark, Roadef		72	n/a
MaraveliasG04 [553]	20					OZ					311	n/a
Mehdizadeh-Somarin23 [559]	14	make-span, preempt, unavailability, completion-time, CP, reactive scheduling, bi-objective, scheduling, job, setup-time, order, stochastic, job-shop, re-scheduling, flow-shop, periodic, multi-agent, tardiness, preemptive, constraint programming, cmax, precedence, sustainability, online scheduling, machine, single-machine scheduling, task	parallel machine, JSSP, single machine		Python	Cplex	COVID, robot		random instance	simulated annealing, machine learning, reinforcement learning, genetic algorithm, meta heuristic	11	812
MelgarejoLS15 [15]	17	scheduling, machine, order, setup-time, constraint programming, resource, one-machine scheduling, job, tardiness, CP, task, precedence, transportation	single machine	Disjunctive constraint, table constraint, alldifferent, noOverlap, circuit, disjunctive		Cplex			real-world, benchmark	ant colony, simulated annealing, meta heuristic, large neighborhood search	143	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Mercier-AubinGQ20 [569]	13	order, CSP, Logic-Based Benders Decomposition, job, constraint programming, sequence dependent setup, tardiness, machine, activity, due-date, constraint satisfaction, task, setup-time, earliness, scheduling, Benders Decomposition, make-span, preemptive, resource, precedence, completion-time, preempt, CP, job-shop	RCPSP	circuit, cumulative, disjunctive, cycle	C++, Python	OPL, MiniZinc		manufacturing industry, textile industry	industrial partner, industrial instance	large neighborhood search, genetic algorithm, lazy clause generation	56	850
MintonJPL90 [575]	8	re-scheduling, CSP, explanation, resource, task, stochastic, constraint satisfaction, order, machine, scheduling		cycle	Lisp		robot, astronomy, telescope		benchmark, real-world	neural network, simulated annealing, machine learning	408	n/a
MoffittPP05 [577]	6	order, machine, cmax, scheduling, resource, CSP, activity, make-span, CLP, constraint satisfaction	Temporal Constraint Satisfaction Problem	cycle, disjunctive			meeting scheduling				292	n/a
MonetteDD07 [579]	14	machine, job, scheduling, resource, job-shop, constraint programming, precedence, make-span, preemptive, CLP, completion-time, preempt, CP, no preempt, task, constraint satisfaction, open-shop, order	Open Shop Scheduling Problem, OSP	disjunctive		Gecode			benchmark	not-last, not-first, edge-finding	264	n/a
MonetteDH09 [580]	8	machine, tardiness, job, scheduling, resource, due-date, job-shop, activity, constraint programming, precedence, release-date, make-span, preemptive, completion-time, preempt, earliness, CP, task, order, distributed		disjunctive, cycle, cumulative					benchmark	large neighborhood search, not-last	231	n/a
MorgadoM97 [583]	10	order, scheduling, manpower, task, machine, constraint satisfaction, distributed, job-shop, activity, explanation, CP, resource, transportation, re-scheduling, job	TMS		Lisp, C++	OPL	railway, robot, crew-scheduling				374	n/a
MossigeGSMC17 [584]	18	net present value, job, order, completion-time, distributed, preempt, make-span, task, preemptive, explanation, CP, activity, CSP, scheduling, machine, constraint optimization, precedence, job-shop, constraint programming, resource	FJS, Resource-constrained Project Scheduling Problem, RCPSP, single machine	Cumulatives constraint, cumulative, cycle, disjunctive	Prolog	SICStus, CHIP	robot, rectangle-packing		benchmark, industrial partner, real-world, random instance, CSPlib, generated instance	meta heuristic, genetic algorithm, lazy clause generation	105	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MouraSCL08 [586]	16	resource, transportation, constraint programming, precedence, order, scheduling, preempt, distributed, preemptive, activity, CP, inventory		table constraint, Element constraint, Channeling constraint, disjunctive, cycle	C++	Ilog Scheduler, Ilog Solver	pipeline			max-flow, genetic algorithm	249	n/a
MouraSCL08a [585]	8	scheduling, resource, transportation, inventory, constraint satisfaction, constraint programming, reactive scheduling, order, CLP, CP, re-scheduling, due-date, distributed		disjunctive, Channeling constraint, cumulative	C++	Ilog Scheduler, Ilog Solver	pipeline		benchmark, real-world	genetic algorithm, MINLP, meta heuristic	250	n/a
MurinR19 [588]	16	transportation, scheduling, constraint programming, Benders Decomposition, completion-time, task, setup-time, activity, job-shop, CP, Logic-Based Benders Decomposition, make-span, resource, precedence, order, machine, job	JSPT	alternative constraint, noOverlap, endBeforeStart		Cplex, OPL	robot, patient		github, benchmark, real-life	large neighborhood search, genetic algorithm, meta heuristic	73	862
MurphyMB15 [590]	17	activity, constraint programming, stochastic, order, re-scheduling, constraint optimization, scheduling, task, machine, constraint satisfaction, periodic, CP, resource		cycle, circuit, Disjunctive constraint, cumulative, disjunctive	Java	Choco Solver	meeting scheduling		real-world		144	n/a
MurphyRFSS97 [589]	10	scheduling, machine, activity, inventory, constraint satisfaction, due-date, order, resource, task		bin-packing, cycle			train schedule			genetic algorithm	375	n/a
Muscettola02 [593]	16	activity, job, CP, order, job-shop, resource, cmax, stochastic, precedence, scheduling		cycle, Balance constraint						max-flow, edge-finding	337	n/a
Muscettola94 [592]	6	activity, constraint satisfaction, due-date, job, CP, order, job-shop, resource, stochastic, precedence, scheduling		cycle		OPL	robot		benchmark		394	n/a
MusliuSS18 [594]	17	distributed, activity, CP, constraint programming, cyclic scheduling, order, scheduling, manpower, task, machine		Regular constraint, cycle, Cardinality constraint		Gurobi, Gecode, MiniZinc	operating room, nurse, workforce scheduling		generated instance, benchmark, real-life	column generation	89	n/a
NattafM20 [608]	16	constraint programming, order, completion-time, resource, bi-objective, job, setup-time, scheduling, make-span, COP, flow-time, CP, machine	PTC, single machine, PMSP, parallel machine	noOverlap, cumulative		CPO, Cplex	semiconductor		industrial instance, benchmark		57	851
NishikawaSTT18 [611]	6	precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task		alternative constraint, endBeforeStart		Cplex	robot, pipeline		real-world, benchmark	genetic algorithm	90	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NishikawaSTT18a [612]	6	CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity		endBeforeStart, alternative constraint		Cplex	robot, nurse, pipeline		benchmark, real-life, real-world	genetic algorithm	91	n/a
NuijtenA94 [620]	5	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, CPO				time-tabling	395	n/a
OddiPCC03 [624]	15	distributed, resource, constraint satisfaction, preempt, single-machine scheduling, scheduling, precedence, task, CSP, CP, machine, constraint programming, order, completion-time, activity, periodic	single machine	cycle	Java		earth observation, satellite		benchmark	meta heuristic	323	n/a
OddiRC10 [626]	2	resource, precedence, order, scheduling, completion-time, constraint satisfaction, CSP, activity, CP, make-span	Resource-constrained Project Scheduling Problem, RCPSP	disjunctive					benchmark		221	n/a
OddiS97 [627]	7	CSP, resource, make-span, activity, precedence, job-shop, job, order, release-date, scheduling, CP, stochastic, due-date		cycle	Lisp		robot				377	n/a
OuelletQ13 [632]	16	scheduling, task, make-span, preempt, resource, preemptive, completion-time, precedence, CP, order, constraint programming	RCPSP, Resource-constrained Project Scheduling Problem, CuSP, psplib	Cumulatives constraint, cumulative, disjunctive		Choco Solver			benchmark	sweep, edge-finding, not-last, edge-finder, energetic reasoning, time-tabling, not-first	177	n/a
OuelletQ18 [633]	18	scheduling, task, make-span, resource, explanation, completion-time, precedence, CP, order	RCPSP, psplib	Cumulatives constraint, cumulative, disjunctive	Java	Choco Solver			benchmark, Roadef	edge-finding, not-last, energetic reasoning, time-tabling, not-first	92	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
OuelletQ22 [634]	17	scheduling, task, preempt, resource, activity, completion-time, CP, order, constraint programming		GCC constraint, Cardinality constraint, Cumulatives constraint, cumulative, disjunctive, SoftCumulative	Java	MiniZinc, Choco Solver	nurse		github, benchmark, random instance	sweep, edge-finding, not-last, lazy clause generation, energetic reasoning, time-tabling, not-first	27	827
OujanaAYB22 [635]	6	CP, tardiness, make to order, buffer-capacity, sequence dependent setup, open-shop, order, distributed, job, scheduling, resource, due-date, job-shop, setup-time, task, constraint programming, precedence, flow-shop, batch process, multi-objective, make-span, completion-time, machine, preempt	HFF, PMSP, parallel machine, FJS	span constraint, noOverlap, disjunctive		CPO, OPL	robot, COVID	steel industry, food industry	real-world, real-life, industrial instance, benchmark	meta heuristic, genetic algorithm, particle swarm	28	828
ParkUJR19 [645]	8	machine, tardiness, completion-time, cmax, CP, lateness, stochastic, no preempt, distributed, constraint programming, job-shop, resource, open-shop, order, preempt, scheduling, make-span, task, flow-time, job, due-date, flow-shop	parallel machine, single machine	endBeforeStart, noOverlap, cycle				trade industry	real-world	meta heuristic	74	n/a
PembertonG98 [646]	14	preemptive, scheduling, machine, periodic, activity, preempt, constraint satisfaction, job, stochastic, order, job-shop, resource, CSP, task		geost, cycle		Ilog Solver, OPL	robot, telescope, satellite				363	n/a
PerezGSL23 [649]	7	inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP		table constraint, cumulative		OPL	container terminal, nurse, operating room, steel mill		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	12	813
PerronSF04 [651]	14	resource, job, constraint programming, CSP, order, tardiness, scheduling, constraint satisfaction, job-shop, COP, earliness, CP	RCPSP			Cplex				evolutionary computing, large neighborhood search, reinforcement learning	312	n/a
PesantRR15 [653]	16	activity, constraint programming, CP, order, transportation, scheduling, constraint satisfaction		table constraint, cumulative, Cardinality constraint, Regular constraint		Ilog Solver, Gecode, Gurobi	meeting scheduling			lazy clause generation	145	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PoderB08 [658]	8	resource, release-date, due-date, preemptive, order, scheduling, task, CP, preempt, producer/consumer, activity		cumulative		CHIP				sweep	251	n/a
PolicellaWSO05 [661]	6	preempt, due-date, constraint programming, CP, resource, preemptive, precedence, release-date, producer/consumer, activity, distributed, scheduling, order	psplib, Partial Order Schedule	cumulative		Cplex	robot		real-world, benchmark		294	n/a
PopovicCGNC22 [663]	15	order, completion-time, stochastic, make-span, sustainability, task, CP, activity, bi-objective, scheduling, machine, transportation, constraint programming, resource, periodic	TMS	cumulative, noOverlap, alwaysIn, Balance constraint	C++, Prolog	SICStus, Cplex, CHIP	pipeline, maintenance scheduling	electricity industry		machine learning	29	829
PovedaAA23 [665]	21	unavailability, make-span, resource, preemptive, job-shop, activity, CP, job, constraint programming, precedence, Benders Decomposition, release-date, task, order, scheduling, preempt	RCPSP, Resource-constrained Project Scheduling Problem	Calendar constraint, cumulative, disjunctive	Python	Cplex, CPO, MiniZinc, Chuffed	aircraft, automotive		industrial instance, real-world, github, benchmark, real-life	simulated annealing, lazy clause generation, meta heuristic, genetic algorithm, large neighborhood search, GRASP	13	814
Pralet17 [666]	19	setup-time, activity, job-shop, CP, resource, precedence, due-date, order, make-span, machine, job, sequence dependent setup, scheduling, constraint programming, constraint satisfaction	JSSP, psplib, Resource-constrained Project Scheduling Problem, RCPSP	cycle, cumulative, disjunctive		CPO, Cplex, CHIP	satellite		benchmark	genetic algorithm, meta heuristic, large neighborhood search	106	n/a
PraletLJ15 [667]	16	job-shop, activity, constraint programming, precedence, CP, order, job, scheduling, task, make-span, due-date, tardiness, resource	JSSP	alternative constraint, Regular constraint, noOverlap, cycle		CPO, Cplex	earth observation, satellite			large neighborhood search	146	n/a
Puget95 [670]	4	task, transportation, CSP, activity, resource, job, order, scheduling, CP, manpower, CLP, job-shop, constraint programming, explanation		disjunctive		OPL	maintenance scheduling		benchmark		387	n/a
QuSN06 [675]	4	CSP, scheduling, precedence, constraint programming, task, CP, distributed, resource		circuit	Prolog	SICStus					273	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
QuirogaZH05 [676]	6	machine, breakdown, tardiness, scheduling, resource, due-date, inventory, activity, flow-time, constraint programming, release-date, completion-time, earliness, CP, task, constraint satisfaction, precedence, flow-shop, multi-objective, make-span, order				Ilog Solver, ECLiPSe, Ilog Scheduler, OPL	robot				295	n/a
Refalo00 [680]	15	transportation, constraint programming, constraint satisfaction, CP, order, CLP		Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit		CHIP, Ilog Solver, Cplex	hoist			quadratic programming	349	n/a
RenT09 [681]	5	CP, due-date, explanation, CLP, scheduling, job, setup-time, machine, batch process, job-shop, constraint programming, order, constraint logic programming			C++	Cplex, Ilog Scheduler	pipeline		real-world		232	n/a
RendlPHPR12 [682]	17	job, scheduling, CSP, transportation, constraint programming, COP, machine, CP, periodic, re-scheduling, order			Java		nurse, medical, patient		benchmark, real-world, CSPlib	genetic algorithm, simulated annealing, memetic algorithm, large neighborhood search, meta heuristic	190	n/a
RiahiNS018 [683]	9	no-wait, flow-shop, completion-time, CP, order, job, scheduling, setup-time, machine, make-span, tardiness, buffer-capacity, sequence dependent setup, blocking constraint, distributed		Blocking constraint			high performance computing	cutting industry, painting industry	real-life, benchmark, real-world	NEH, memetic algorithm, ant colony, GRASP, genetic algorithm, simulated annealing, meta heuristic	93	n/a
Rit86 [685]	6	activity, scheduling, resource, job, order, precedence, task, job-shop		Disjunctive constraint, disjunctive							410	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
RodosekW98 [687]	15	order, scheduling, task, machine, make-span, constraint satisfaction, constraint logic programming, CP, resource, transportation, activity, job, constraint programming, cyclic scheduling, CLP		disjunctive, cycle, circuit, Disjunctive constraint	Prolog	OPL, ECLiPSe, Cplex, CHIP	electroplating, hoist		benchmark		364	n/a
Rodriguez07b [690]	14	re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Z3, Ilog Solver	train schedule, railway	railway industry		edge-finding	265	n/a
RodriguezS09 [692]	14	blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Ilog Solver	train schedule, railway			edge-finding	233	n/a
RossiTHP07 [698]	15	CP, stochastic, inventory, order, constraint programming, scheduling, resource, periodic, distributed, stock level		cumulative, cycle		Choco Solver, OPL					266	n/a
RoweJCA96 [699]	9	distributed, task, resource, job, stock level, scheduling, CP, machine, order, activity, periodic		cycle			business process	manufacturing industry	real-world, benchmark		382	n/a
Sadykov04 [703]	7	CLP, completion-time, CP, machine, lateness, constraint programming, one-machine scheduling, release-date, scheduling, task, job, due-date, preempt, precedence	parallel machine, single machine	disjunctive						edge-finding, column generation, genetic algorithm	313	n/a
SchausD08 [708]	6	order, task, preempt, precedence, preemptive, CSP, CP, constraint programming		IloPack, bin-packing, cycle, Reified constraint, Element constraint		Ilog Solver, OPL			real-life, benchmark	large neighborhood search	252	n/a
SchuttCSW12 [714]	17	preempt, CP, order, scheduling, explanation, resource, net present value, activity, constraint programming, precedence, make-span, preemptive	Resource-constrained Project Scheduling Problem	cumulative		CHIP			benchmark	lazy clause generation	191	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SchuttFS13 [716]	17	job, scheduling, task, CLP, machine, make-span, net present value, constraint satisfaction, resource, job-shop, activity, explanation, constraint programming, completion-time, precedence, CP, order	FJS, RCPSP	disjunctive, Disjunctive constraint, span constraint, alternative constraint, cumulative		MiniZinc			benchmark	lazy clause generation, energetic reasoning, timetabling, large neighborhood search	178	n/a
SchuttFS13a [715]	17	scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, CLP, completion-time, machine, preempt, CP, constraint satisfaction, order	psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, circuit, cumulative		SCIP, CHIP			benchmark	not-last, lazy clause generation, energetic reasoning, edge-finding	179	886
SchuttFSW09 [717]	16	scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, machine, preempt, CP, periodic, open-shop, order, job	psplib, Resource-constrained Project Scheduling Problem	Disjunctive constraint, disjunctive, cumulative		ECLiPSe, CHIP, SICStus			benchmark, real-world	lazy clause generation, edge-finder	234	n/a
SchuttS16 [722]	17	order, activity, constraint satisfaction, preempt, manpower, scheduling, make-span, producer/consumer, preemptive, net present value, machine, explanation, precedence, inventory, constraint programming, CP, resource	RCPSP, Resource-constrained Project Scheduling Problem	Cumulatives constraint, cumulative, Balance constraint		Chuffed, MiniZinc, OPL, Ilog Scheduler			benchmark	lazy clause generation	125	n/a
SchuttW10 [723]	15	order, activity, preempt, release-date, scheduling, make-span, task, preemptive, due-date, explanation, constraint programming, CP, resource	CuSP, RCPSP, psplib	disjunctive, Disjunctive constraint, cumulative	Java	CHIP	rectangle-packing		benchmark	edge-finding, lazy clause generation, not-first, not-last	222	n/a
SchuttWS05 [724]	15	preemptive, due-date, constraint programming, CP, order, release-date, scheduling, task, machine, preempt, resource		cumulative, disjunctive		CHIP, OPL			benchmark	not-last	296	n/a
SenderovichBB19 [725]	9	resource, order, job, cmax, precedence, constraint programming, preemptive, constraint satisfaction, scheduling, completion-time, activity, machine, preempt, stochastic, task, job-shop, CP, make-span		endBeforeStart, cumulative		Cplex	nurse, robot, business process, medical, patient		github, benchmark, real-world	meta heuristic	75	863

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SerraNM12 [726]	17	preempt, explanation, precedence, preemptive, unavailability, CP, machine, inventory, constraint programming, resource, order, activity, constraint satisfaction, release-date, scheduling, COP		cumulative, alwaysIn, cycle		Cplex, OPL			benchmark, real-world	GRASP, meta heuristic	192	n/a
SialaAH15 [733]	10	cmax, CP, constraint programming, job-shop, resource, open-shop, order, constraint satisfaction, setup-time, scheduling, make-span, task, job, machine, explanation, precedence, tardiness, earliness	RCPSP, Resource-constrained Project Scheduling Problem, JSSP	disjunctive, Disjunctive constraint, cumulative		Mistral			github, benchmark	large neighborhood search, edge-finding, lazy clause generation, conflict-driven clause learning	147	879
SimoninAHL12 [734]	15	CP, resource, task, constraint programming, preemptive, precedence, periodic, activity, scheduling, preempt, order		disjunctive, span constraint, cycle, cumulative		CHIP	satellite			sweep	193	887
Simonis95 [737]	4	CLP, resource, transportation, order, scheduling, task, producer/consumer, constraint logic programming, machine, precedence		diffn, circuit, Among constraint, cumulative, cycle	Prolog	CHIP	aircraft	food industry			388	n/a
Simonis95a [736]	21	job, constraint programming, precedence, CLP, order, constraint logic programming, scheduling, manpower, task, machine, constraint satisfaction, distributed, stock level, due-date, explanation, CP, inventory, producer/consumer, resource		cycle, circuit, cumulative, diffn	Prolog, C++	CHIP, OPL	pipeline, aircraft, business process	drawing industry, chemical industry	benchmark, real-life		389	n/a
Simonis99 [738]	39	CLP, CP, stochastic, inventory, constraint programming, resource, transportation, order, activity, constraint satisfaction, scheduling, task, producer/consumer, constraint logic programming, job, due-date, manpower, machine, stock level, explanation, precedence		diffn, circuit, disjunctive, Disjunctive constraint, cumulative, alldifferent, cycle	C++, Prolog	OPL, SICStus, CHIP, ECLiPSe	aircraft, pipeline, maintenance scheduling, business process, nurse	process industry, chemical industry, food industry	benchmark, real-world, real-life	bi-partite matching, meta heuristic	358	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SimonisC95 [741]	14	transportation, job, constraint programming, continuous-process, CLP, order, constraint logic programming, scheduling, manpower, task, machine, constraint satisfaction, stock level, job-shop, due-date, flow-shop, CP, inventory, batch process, producer/consumer, resource		cumulative, diffn	Prolog	CHIP	pipeline, maintenance scheduling, aircraft	food industry	real-life		390	n/a
SimonisH11 [742]	14	preemptive, CLP, order, scheduling, preempt, manpower, task, CP, producer/consumer, resource		Element constraint, cumulative, CumulativeCost, Cumulatives constraint		Choco Solver, CHIP, Cplex			real-life, real-world	sweep, edge-finding	209	n/a
SmithC93 [744]	6	order, tardiness, scheduling, machine, job, stochastic, job-shop, CSP, CP, resource, precedence, due-date, re-scheduling	single machine		Lisp		telescope, robot		benchmark		401	n/a
SquillaciPR23 [746]	17	constraint programming, distributed, multi-objective, periodic, task, CP, activity, scheduling, multi-agent, resource, order	Earth Observation Scheduling Problem, EOSP, OSP	noOverlap	Python	Cplex	satellite, earth orbit, earth observation		github, benchmark	meta heuristic, neural network, GRASP, large neighborhood search, simulated annealing, column generation	14	815
SunLYL10 [751]	6	order, distributed, scheduling, constraint programming, task, periodic, CP		cycle		Cplex, OPL	automotive			simulated annealing	223	n/a
SvancaraB22 [753]	8	constraint satisfaction, constraint programming, batch process, make-span, order, CP, multi-agent, activity, scheduling, resource, task		alternative constraint, noOverlap			train schedule, railway		benchmark, real-world	reinforcement learning, time-tabling	30	n/a
SzerediS16 [754]	10	task, machine, net present value, preempt, make-span, resource, preemptive, activity, explanation, CP, order, constraint programming, precedence, scheduling	psplib, RCPSP, Resource-constrained Project Scheduling Problem	cumulative, Element constraint		MiniZinc, SCIP, Chuffed, Cplex, Gecode			benchmark	lazy clause generation	126	n/a
TanSD10 [757]	6	completion-time, preemptive, resource, make-span, order, machine, precedence, cmax, job-shop, preempt, constraint satisfaction, job, scheduling, CP, constraint programming		cumulative, cycle, disjunctive		Ilog Scheduler		process industry	benchmark, generated instance	edge-finding	224	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TanT18 [756]	12	flow-shop, single-machine scheduling, release-date, scheduling, precedence, re-scheduling, job, setup-time, constraint satisfaction, Benders Decomposition, machine, cmax, job-shop, constraint programming, task, completion-time, constraint logic programming, CP, make-span, Logic-Based Benders Decomposition	single machine, parallel machine	Disjunctive constraint, disjunctive		Cplex	medical, operating room, patient, robot		benchmark	genetic algorithm, meta heuristic	94	n/a
TangB20 [759]	16	job, scheduling, CP, Logic-Based Benders Decomposition, constraint programming, tardiness, due-date, Benders Decomposition, flow-shop, resource, make-span, order, batch process, machine, two-stage scheduling, precedence	2BPHFSP, single machine, HFS	bin-packing, alwaysIn, Cardinality constraint, Element constraint, GCC constraint, span constraint, cycle, endBeforeStart	Java	CPO, Cplex	semiconductor	manufacturing industry	real-world	simulated annealing	58	852
TardivoDFMP23 [761]	18	CP, activity, CSP, scheduling, constraint optimization, task, precedence, resource, order, constraint satisfaction, constraint programming, preempt, make-span	CuSP, RCPSP, psplib	disjunctive, cumulative, Cumulatives constraint	C++	CHIP, Gecode, MiniZinc			bitbucket, real-world, benchmark, github	lazy clause generation, not-first, edge-finding, time-tabling, sweep, energetic reasoning, not-last	15	816
TasselGS23 [762]	9	job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic	JSSP	cumulative, disjunctive, noOverlap	Java	Choco Solver			industrial instance, real-world, github, benchmark, supplementary material	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic	16	817
Teppan22 [765]	8	cmax, scheduling, constraint programming, flow-shop, task, setup-time, job-shop, CP, make-span, preempt, distributed, resource, order, CLP, completion-time, machine, job	JSSP, parallel machine, PTC, FJS	noOverlap, endBeforeStart	Java	OR-Tools, OPL			benchmark, real-life	genetic algorithm	31	830

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Tesch16 [768]	27	resource, make-span, order, precedence, job, scheduling, CP, constraint programming, completion-time	CuSP, psplib, RCPSP	cumulative, disjunctive	C++	OPL			Roadef	large neighborhood search, not-first, sweep, edge-finding, energetic reasoning, not-last, time-tabling	127	n/a
Tesch18 [769]	17	task, resource, make-span, single-machine scheduling, order, machine, precedence, preempt, job, release-date, scheduling, CP, constraint programming, due-date, completion-time, preemptive, lateness	Resource-constrained Project Scheduling Problem, CuSP, psplib, RCPSP, single machine	cumulative					Roadef	sweep, edge-finding, energetic reasoning, not-last, time-tabling	95	n/a
ThiruvadyBME09 [770]	15	due-date, stochastic, CP, resource, open-shop, make-span, setup-time, tardiness, constraint programming, machine, single-machine scheduling, job, scheduling, order	single machine	cumulative	C++	Gecode				meta heuristic, ant colony	235	n/a
ThomasKS20 [772]	18	order, transportation, constraint programming, CSP, scheduling, resource, activity, CP		cumulative	C , Java	CPO, OR-Tools, OPL, Cplex	medical, patient		benchmark, bitbucket, CSPlib, generated instance	large neighborhood search	59	853
Thorsteinsson01 [773]	15	order, Benders Decomposition, constraint logic programming, job, CLP, precedence, constraint programming, due-date, constraint satisfaction, scheduling, machine, task, CP, Logic-Based Benders Decomposition	parallel machine	alldifferent, cumulative, Arithmetic constraint, circuit		OPL					342	n/a
Tom19 [775]	6	task, tardiness, job-shop, re-scheduling, activity, scheduling, multi-objective, constraint programming, constraint satisfaction, single-machine scheduling, resource, job, make-span, machine, transportation	single machine		Java	OPL			real-world	simulated annealing, genetic algorithm	76	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TouatBT22 [779]	8	job, unavailability, due-date, flow-shop, planned maintenance, machine, precedence, tardiness, constraint programming, earliness, completion-time, multi-objective, CP, no preempt, distributed, job-shop, resource, order, activity, preempt, release-date, periodic, single-machine scheduling, scheduling, make-span, task	RCPSP, single machine	noOverlap		Cplex, OPL	robot, satellite, container terminal		generated instance, benchmark	time-tabling, meta heuristic	32	831
Touraivane95 [780]	3	CLP, scheduling, CP, order, constraint logic programming, task, constraint programming			Prolog		crew-scheduling		real-life		391	n/a
TranB12 [782]	6	setup-time, constraint programming, due-date, release-date, scheduling, CP, Logic-Based Benders Decomposition, tardiness, completion-time, Benders Decomposition, resource, make-span, single-machine scheduling, sequence dependent setup, job, order, machine, distributed, precedence, cmax	PMSP, single machine, parallel machine	circuit, cycle	C++	Cplex			benchmark	column generation, meta heuristic, simulated annealing, ant colony	194	n/a
TranDRFWOVB16 [783]	9	CP, activity, re-scheduling, scheduling, machine, constraint satisfaction, job-shop, constraint programming, resource, constraint logic programming, job, order, COP, stochastic, task, precedence		cycle	Python	OPL	aircraft			simulated annealing, neural network, deep learning, meta heuristic	128	n/a
TranTDB13 [785]	9	resource, job, setup-time, scheduling, make-span, task, flow-time, flow-shop, cmax, CP, machine, re-scheduling, stochastic, order, periodic, distributed	parallel machine	cycle	C++	Cplex			real-world	ant colony	180	n/a
TranVNB17a [787]	5	scheduling, task, machine, CP, resource, transportation, activity, constraint programming, setup-time, order, multi-objective		alternative constraint, cumulative		Cplex	robot, medical		real-world		107	n/a
TranWDRFOVB16 [788]	9	COP, scheduling, task, precedence, activity, job-shop, machine, job, order, single-machine scheduling, stochastic	single machine	cumulative, cycle	Python	Ilog Scheduler, OPL	robot, satellite		benchmark	neural network, deep learning, simulated annealing, meta heuristic	129	n/a
Valdes87 [795]	5	precedence, order, constraint satisfaction, task		circuit, disjunctive, cycle							409	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ValleMGT03 [796]	8	machine, order, scheduling, make-span, resource, job-shop, CP, transportation, job, constraint programming, CSP, precedence, task				Ilog Solver	robot		real-life	edge-finder	324	n/a
VanczaM01 [801]	15	machine, constraint programming, multi-objective, CP, resource, order, constraint satisfaction, Pareto, scheduling, precedence, task		cycle, disjunctive, Disjunctive constraint			robot		real-life, real-world	genetic algorithm	343	n/a
VerfaillieL01 [802]	15	stochastic, task, CP, open-shop, CSP, scheduling, job-shop, constraint programming, job, order	Open Shop Scheduling Problem	cycle		Cplex, OPL	earth observation, satellite			genetic algorithm, simulated annealing	344	n/a
Vilim02 [803]	1	resource, sequence dependent setup, batch process, activity, setup-time, scheduling, CP, precedence, constraint programming		cumulative, disjunctive						edge-finding	338	n/a
Vilim03 [804]	1	job-shop, constraint satisfaction, job, open-shop, order, scheduling, CP, constraint programming, explanation, CSP		cumulative, disjunctive						edge-finding, not-last	325	n/a
Vilim04 [805]	13	task, resource, sequence dependent setup, batch process, machine, activity, setup-time, job-shop, job, order, scheduling, CP, precedence, constraint programming, completion-time		cumulative, disjunctive					benchmark	sweep, edge-finding, not-last	314	n/a
Vilim05 [806]	14	task, resource, make-span, machine, activity, job-shop, preempt, constraint satisfaction, job, open-shop, order, scheduling, CP, precedence, explanation, completion-time, CSP, preemptive		cumulative, disjunctive	C++				benchmark	not-last	297	n/a
Vilim09 [807]	15	resource, activity, job-shop, preempt, job, order, scheduling, CP, precedence, completion-time, preemptive		cumulative, cycle		CPO				not-first, energetic reasoning, edge-finding, not-last	236	n/a
Vilim09a [808]	15	preemptive, order, scheduling, completion-time, task, constraint programming, preempt, activity, CP, resource		cycle, cumulative		Ilog Scheduler				edge-finding, energetic reasoning, not-last	237	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Vilim11 [809]	16	task, resource, machine, activity, manpower, preempt, order, scheduling, CP, precedence, constraint programming, completion-time, preemptive	psplib, RCPSP	cumulative, cycle, disjunctive					benchmark	large neighborhood search, sweep, energetic reasoning, edge-finding, not-last, time-tabling	210	n/a
VilimBC04 [810]	15	scheduling, make-span, job, machine, precedence, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity		disjunctive, cumulative					benchmark, real-life	edge-finding, not-first, not-last	315	n/a
VilimLS15 [812]	17	machine, explanation, precedence, earliness, CSP, completion-time, cmax, CP, constraint programming, job-shop, resource, order, activity, constraint satisfaction, periodic, scheduling, make-span, task, job	Resource-constrained Project Scheduling Problem, psplib, RCPSP	disjunctive, noOverlap, cumulative		Cplex, CPO	rectangle-packing		benchmark	time-tabling, large neighborhood search, machine learning, genetic algorithm	148	n/a
Wallace06 [817]	32	constraint satisfaction, Logic-Based Benders Decomposition, task, resource, constraint logic programming, job, explanation, scheduling, tardiness, earliness, CSP, CP, machine, constraint programming, job-shop, transportation, CLP, Benders Decomposition, order, cyclic scheduling		Channeling constraint, circuit, cycle		CHIP, ECLiPSe, Z3, Cplex, OPL	workforce scheduling, hoist		real-world, benchmark, Roadef	column generation, genetic algorithm, meta heuristic, Lagrangian relaxation, simulated annealing, ant colony	274	n/a
WangB20 [820]	8	unavailability, scheduling, CP, task, resource, job, order, machine, distributed, constraint programming	Fixed Job Scheduling, FJS	AllDiff constraint, WeightAllDiff, alldifferent, MinWeightAllDiff		Gurobi	aircraft		github	genetic algorithm	60	854
WangB23 [821]	8	unavailability, scheduling, CP, transportation, CSP, task, resource, job, order, constraint programming	Fixed Job Scheduling, FJS	Channeling constraint, WeightAllDiff, alldifferent, MinWeightAllDiff		Gurobi	crew-scheduling, operating room, aircraft		random instance, real-world	genetic algorithm, lazy clause generation	17	818
WatsonB08 [825]	15	job-shop, resource, order, constraint satisfaction, periodic, scheduling, make-span, job, machine, explanation, constraint programming, completion-time, cmax, CP		disjunctive	C++	Ilog Scheduler			real-world, benchmark	meta heuristic, simulated annealing	253	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
WatsonBHW99 [824]	8	make-span, preemptive, preempt, CP, order, machine, job, scheduling, job-shop, stochastic, precedence, flow-shop		circuit					real-world, benchmark	NEH, genetic algorithm	359	n/a
WessenCS20 [827]	10	completion-time, precedence, CP, order, job, constraint programming, scheduling, task, make-span, multi-agent, job-shop		circuit		Gecode	robot		real-world		61	855
WinterMMW22 [829]	18	setup-time, task, Pareto, constraint programming, bi-objective, precedence, release-date, completion-time, machine, CP, tardiness, order, distributed, job, scheduling, resource, due-date	parallel machine, PMSP	noOverlap, alternative constraint		CPO, Gurobi, Cplex	farming	manufacturing industry, agricultural industry	supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner	genetic algorithm, simulated annealing, quadratic programming, large neighborhood search, MIQP, meta heuristic, mat heuristic	33	832
Wolf03 [830]	15	machine, job-shop, constraint programming, task, order, preempt, preemptive, completion-time, CP, make-span, activity, resource, job, CLP, scheduling		cumulative, Disjunctive constraint, disjunctive	Java		pipeline		benchmark	genetic algorithm, sweep, not-last, edge-finding, not-first	326	n/a
Wolf05 [831]	15	machine, job-shop, constraint programming, task, order, preempt, preemptive, completion-time, CP, make-span, activity, resource, job, CLP, scheduling, precedence		cumulative	Java	Ilog Scheduler			benchmark	sweep, not-last, edge-finding, not-first	298	n/a
Wolf09 [835]	17	machine, job-shop, constraint programming, task, order, preempt, preemptive, CP, COP, resource, job, explanation, constraint optimization, CLP, scheduling		WeightedSum, Weighted-TaskSum	Java	CHIP, SICStus, OPL	operating room, patient, surgery		real-life	sweep, not-last, edge-finding, not-first	238	n/a
Wolf11 [832]	17	inventory, machine, producer/consumer, constraint programming, task, order, preempt, preemptive, CP, activity, transportation, distributed, resource, constraint optimization, CLP, scheduling, sequence dependent setup, setup-time	single machine	cumulative, alternative constraint, Element constraint, Cumulatives constraint	Java	CHIP, OPL	medical, physician, operating room, patient, nurse, surgery			ant colony	211	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
WolfS05 [834]	14	completion-time, preemptive, activity, task, resource, order, scheduling, distributed, CP, CLP, constraint programming, preempt		cumulative		CHIP			real-world	sweep, energetic reasoning, not-last	299	n/a
WolinskiKG04 [836]	8	distributed, resource, CSP, precedence, scheduling, machine, CP, order	SCC	Diff2 constraint, cycle	Java		pipeline				317	n/a
WuBB05 [837]	1	resource, job, release-date, scheduling, stochastic, CP, make-span				Ilog Scheduler			benchmark		300	n/a
YangSS19 [839]	10	constraint programming, preempt, activity, CP, explanation, resource, preemptive, order, scheduling, completion-time, machine, task		cumulative, disjunctive	Prolog	Choco Solver, OR-Tools, SICStus, Gecode, CHIP, OPL	evacuation, rectangle-packing		generated instance	energetic reasoning, not-last, edge-finding, lazy clause generation	77	n/a
YoshikawaKNW94 [841]	6	scheduling, order, job, CSP, task					high school timetabling		real-world	genetic algorithm, simulated annealing, time-tabling	400	n/a
YoungFS17 [843]	10	preemptive, CP, resource, order, activity, preempt, scheduling, make-span, task, machine, explanation, precedence, constraint programming	psplib, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		Chuffed, MiniZinc			benchmark, github, instance generator	lazy clause generation, column generation, time-tabling, Lagrangian relaxation	108	870
YuraszeckMC23 [846]	6	job, order, constraint programming, stochastic, cmax, distributed, preempt, CP, open-shop, scheduling, due-date, make-span, precedence, preemptive, job-shop, flow-time, release-date, machine	OSSP, JSSP	noOverlap					benchmark, github	meta heuristic, ant colony	18	819
ZampelliVSDR13 [850]	17	lateness, transportation, task, setup-time, activity, tardiness, distributed, constraint programming, scheduling, order, preempt, stochastic, CP, completion-time, resource, preemptive		cycle, cumulative		SCIP	container terminal	maritime industry	real-world, industrial partner, random instance, industrial instance	meta heuristic, Lagrangian relaxation, large neighborhood search	181	n/a
ZhangBB22 [860]	9	constraint satisfaction, preempt, scheduling, precedence, make-span, task, COP, cmax, CP, machine, lateness, constraint programming, order, completion-time, distributed, one-machine scheduling, job-shop, resource, job	single machine	disjunctive, span constraint, cycle, Disjunctive constraint	Python	OPL, Gurobi, CPO			generated instance, benchmark	meta heuristic, large neighborhood search, quadratic programming	34	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZhangJZL22 [859]	6	resource, transportation, job, constraint programming, precedence, stochastic, setup-time, single-machine scheduling, order, multi-objective, tardiness, scheduling, task, machine, make-span, due-date, flow-shop, completion-time, CP	single machine, parallel machine, HFS	cumulative, noOverlap, endBeforeStart, alternative constraint			semiconductor		benchmark	memetic algorithm, machine learning, meta heuristic, genetic algorithm	35	833
ZhangLS12 [863]	4	cmax, CP, constraint programming, order, CSP, constraint satisfaction, scheduling								ant colony, time-tabling	195	n/a
Zhou96 [865]	15	job-shop, due-date, constraint programming, task, order, completion-time, constraint logic programming, precedence, job, CLP, release-date, scheduling, constraint satisfaction, machine		Disjunctive constraint, disjunctive	Prolog	Z3				edge-finding	385	n/a
ZhouGL15 [867]	5	distributed, resource, re-scheduling, order, scheduling, completion-time, machine, job, online scheduling, transportation, cmax, tardiness, constraint programming, job-shop, flow-shop, constraint satisfaction, task, stochastic, CSP, setup-time, CP, make-span	HFF, FJS, HFS, parallel machine	cumulative		Gecode, CHIP, OR-Tools	railway		real-world	genetic algorithm, meta heuristic, GRASP, particle swarm, NEH	149	n/a
ZhuS02 [868]	5	activity, distributed, resource, CLP, scheduling, constraint programming, constraint logic programming, CP					meeting scheduling				339	n/a
ZibranR11 [870]	4	CP, constraint programming, order, activity, constraint satisfaction, scheduling			Java	Cplex, OPL				simulated annealing, genetic algorithm, meta heuristic	212	n/a
ZibranR11a [871]	10	distributed, activity, CP, order, constraint programming, scheduling, constraint satisfaction, resource				Cplex, OPL				meta heuristic, time-tabling, genetic algorithm, simulated annealing	213	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 [276]	Check-In Desk Scheduling Optimisation at CDG International Airport	github, real-world, gitlab, supplementary material	0					2	535
LiLZDZW24 LiLZDZW24 [501]	Learning to Optimize Permutation Flow Shop Scheduling via Graph-Based Imitation Learning	benchmark, github, real-life	0					3	643
AalianPG23 AalianPG23 [1]	Optimization of Short-Term Underground Mine Planning Using Constraint Programming	real-world	1	n		n		4	412
Bit-Monnot23 Bit-Monnot23 [126]	Enhancing Hybrid CP-SAT Search for Disjunctive Scheduling	benchmark, real-world, github	1	y		y	-	5	471
EfthymiouY23 EfthymiouY23 [254]	Predicting the Optimal Period for Cyclic Hoist Scheduling Problems	generated instance, random instance, industrial instance, benchmark, real-life	3	n		n	-	6	527
JuvinHHL23 JuvinHHL23 [433]	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	github, benchmark, supplementary material	6	ref		y		7	607
JuvinHL23 JuvinHL23 [435]	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	real-world	0	ref		n	-	8	608
KameugneFND23 KameugneFND23 [441]	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density	benchmark	5	BL PSPlib		n	-	9	611
KimCMLLP23 KimCMLLP23 [451]	Iterated Greedy Constraint Programming for Scheduling Steelmaking Continuous Casting	real-world, zenodo, benchmark	0	y		n	-	10	616
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23 [559]	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	random instance	0	n		n	-	11	669
PerezGSL23 PerezGSL23 [649]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	real-world, generated instance	0	n		n	-	12	699
PovedaAA23 PovedaAA23 [665]	Partially Preemptive Multi Skill/Mode Resource-Constrained Project Scheduling with Generalized Precedence Relations and Calendars	industrial instance, real-world, github, benchmark, real-life	4	y		y		13	705
SquillaciPR23 SquillaciPR23 [746]	Scheduling Complex Observation Requests for a Constellation of Satellites: Large Neighborhood Search Approaches	github, benchmark	2	y		n	-	14	740
TardivoDFMP23 TardivoDFMP23 [761]	Constraint Propagation on GPU: A Case Study for the Cumulative Constraint	bitbucket, real-world, benchmark, github	9	PSPLib BL Pack		y	-	15	747
TasselGS23 TasselGS23 [762]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	industrial instance, real-world, github, benchmark, supplementary material	0	ref		y	-	16	748

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
WangB23 WangB23 [821]	Dynamic All-Different and Maximal Cliques Constraints for Fixed Job Scheduling	random instance, real-world	0	(y)		n	[820]	17	778
YuraszeckMC23 YuraszeckMC23 [846]	A competitive constraint programming approach for the group shop scheduling problem	benchmark, github	0	ref		n	-	18	793
ArmstrongGOS22 ArmstrongGOS22 [37]	A Two-Phase Hybrid Approach for the Hybrid Flexible Flowshop with Transportation Times	real-world, benchmark	0	(y)		-	[36]	19	427
BoudreaultSLQ22 BoudreaultSLQ22 [152]	A Constraint Programming Approach to Ship Refit Project Scheduling	gitlab, github, real-world, supplementary material, benchmark, generated instance, real-life, industrial partner	9			y	-	20	484
GeitzGSSW22 GeitzGSSW22 [314]	Solving the Extended Job Shop Scheduling Problem with AGVs - Classical and Quantum Approaches	real-world, real-life, github	8	y		n	-	21	557
JungblutK22 JungblutK22 [430]	Optimal Schedules for High-Level Programming Environments on FPGAs with Constraint Programming	benchmark, real-world, github	0	y		y	-	23	605
KotaryFH22 KotaryFH22 [464]	Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method	github, benchmark	0					24	624
LiFJZLL22 LiFJZLL22 [502]	Constraint Programming for a Novel Integrated Optimization of Blocking Job Shop Scheduling and Variable-Speed Transfer Robot Assignment	benchmark	0	ref		n	-	25	642
LuoB22 LuoB22 [539]	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	real-life, industry partner, real-world, generated instance, github, industrial instance	2	n		n	-	26	661
OuelletQ22 OuelletQ22 [634]	A MinCumulative Resource Constraint	github, benchmark, random instance	1	y		y	-	27	695
OujanaAYB22 OujanaAYB22 [635]	Solving a realistic hybrid and flexible flow shop scheduling problem through constraint programming: industrial case in a packaging company	real-world, real-life, industrial instance, benchmark	0	n		n	-	28	696
PopovicCGNC22 PopovicCGNC22 [663]	Scheduling the Equipment Maintenance of an Electric Power Transmission Network Using Constraint Programming		0	n		n	-	29	704
Teppan22 Teppan22 [765]	Types of Flexible Job Shop Scheduling: A Constraint Programming Experiment	benchmark, real-life	0	ref		n	-	31	749
TouatBT22 TouatBT22 [779]	A Constraint Programming Model for the Scheduling Problem with Flexible Maintenance under Human Resource Constraints	generated instance, benchmark	0	n		n	-	32	756
WinterMMW22 WinterMMW22 [829]	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	supplementary material, zenodo, industrial partner, benchmark, real-life, industry partner	0	y		y	-	33	782
ZhangJZL22 ZhangJZL22 [859]	Constraint Programming for Modeling and Solving a Hybrid Flow Shop Scheduling Problem	benchmark	0	ref		n	-	35	796

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
AntuoriHHEN21 AntuoriHHEN21 [30]	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	gitlab, supplementary material	1	y		y		36	424
ArmstrongGOS21 ArmstrongGOS21 [36]	The Hybrid Flexible Flowshop with Transportation Times	industry partner, instance generator, zenodo, supplementary material, real-world, industrial partner, benchmark	1	y		y	-	37	426
Astrand0F21 Astrand0F21 [49]	Short-Term Scheduling of Production Fleets in Underground Mines Using CP-Based LNS	benchmark, real-world, generated instance, real-life	0	ref generated		n	-	39	432
BenderWS21 BenderWS21 [111]	Applying Constraint Programming to the Multi-mode Scheduling Problem in Harvest Logistics		9	y		n	-	40	461
GeibingerKKMMW21 GeibingerKKMMW21 [310	Physician Scheduling During a Pandemic	real-world	3	y		n	-	41	554
GeibingerMM21 GeibingerMM21 [313]	Constraint Logic Programming for Real-World Test Laboratory Scheduling	real-world, generated instance, github, benchmark, real-life	0	y				42	556
HanenKP21 HanenKP21 [367]	Two Deadline Reduction Algorithms for Scheduling Dependent Tasks on Parallel Processors	Roadef, generated instance, random instance	1	ref		n	-	43	580
HillTV21 HillTV21 [396]	A Computational Study of Constraint Programming Approaches for Resource-Constrained Project Scheduling with Autonomous Learning Effects	real-world	0	PSPlib		n	-	44	591
KlankeBYE21 KlankeBYE21 [454]	Combining Constraint Programming and Temporal Decomposition Approaches - Scheduling of an Industrial Formulation Plant	real-life, random instance, benchmark	0	n		n	-	45	618
KovacsTKSG21 KovacsTKSG21 [472]	Utilizing Constraint Optimization for Industrial Machine Workload Balancing	github, real-world, supplementary material, benchmark	2	y		y	-	47	627
LacknerMMWW21 LacknerMMWW21 [486]	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	random instance, supplementary material, benchmark, instance generator, real-life, industrial partner	3	y		y		48	636
AntuoriHHEN20 AntuoriHHEN20 [29]	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing	random instance, generated instance, gitlab, benchmark, industrial instance	4					49	423

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
BarzegaranZP20 BarzegaranZP20 [81]	Quality-Of-Control-Aware Scheduling of Communication in TSN-Based Fog Computing Platforms Using Constraint Programming		5	n		n	-	50	446
GodetLHS20 GodetLHS20 [326]	Using Approximation within Constraint Programming to Solve the Parallel Machine Scheduling Problem with Additional Unit Resources	real-life, benchmark, generated instance, github	0	JSON		y	-	51	565
GroleazNS20 GroleazNS20 [346]	Solving the Group Cumulative Scheduling Problem with CPO and ACO	industrial instance, benchmark	0	-		-	[346]	53	573
GroleazNS20a GroleazNS20a [345]	ACO with automatic parameter selection for a scheduling problem with a group cumulative constraint	industrial partner, benchmark	0	y		n	-	54	574
Mercier-AubinGQ20 Mercier-AubinGQ20 [569]	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	industrial partner, industrial instance	1	a		a	-	56	671
NattafM20 NattafM20 [608]	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	industrial instance, benchmark	7	-		-	[549]	57	686
TangB20 TangB20 [759]	CP and Hybrid Models for Two-Stage Batching and Scheduling	real-world	0	n		n	-	58	746
ThomasKS20 ThomasKS20 [772]	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	benchmark, bitbucket, CSPlib, generated instance	3					59	753
WangB20 WangB20 [820]	Global Propagation of Transition Cost for Fixed Job Scheduling	github	0	y		n	-	60	777
WessenCS20 WessenCS20 [827]	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	real-world	10	n		n	-	61	781
BadicaBIL19 BadicaBIL19 [54]	Exploring the Space of Block Structured Scheduling Processes Using Constraint Logic Programming	github	0	dead		dead	-	62	434
BehrensLM19 BehrensLM19 [102]	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	github, real-world	0	y		y	-	63	456
BogaerdtW19 BogaerdtW19 [798]	Lower Bounds for Uniform Machine Scheduling Using Decision Diagrams	benchmark	4	n		n	-	64	475
ColT19 ColT19 [207]	Industrial Size Job Shop Scheduling Tackled by Present Day CP Solvers	benchmark, github, real-world	2	y		y	-	65	509
FrimodigS19 FrimodigS19 [294]	Models for Radiation Therapy Patient Scheduling	benchmark, real-world	1	n		n	-	66	544
GalleguillosKSB19 GalleguillosKSB19 [299]	Constraint Programming-Based Job Dispatching for Modern HPC Applications		5			y		68	548
MurinR19 MurinR19 [588]	Scheduling of Mobile Robots Using Constraint Programming	github, benchmark, real-life	3	y		y		73	680
SenderovichBB19 SenderovichBB19 [725]	Learning Scheduling Models from Event Data	github, benchmark, real-world	0					75	730
BenediktSMVH18 BenediktSMVH18 [114]	Energy-Aware Production Scheduling with Power-Saving Modes	generated instance, github, random instance	1	y		y	-	82	462
CappartTSR18 CappartTSR18 [172]	A Constraint Programming Approach for Solving Patient Transportation Problems	bitbucket, real-life, CSPlib	1					83	492

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
He0GLW18 He0GLW18 [375]	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	real-world, bitbucket	8	y		y	-	85	581
CappartS17 CappartS17 [171]	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables	bitbucket, real-life, random instance	1	y		n	-	97	491
GoldwaserS17 GoldwaserS17 [331]	Optimal Torpedo Scheduling	github, instance generator, generated instance	4	y		n	-	100	567
LiuCGM17 LiuCGM17 [515]	NightSplitter: A Scheduling Tool to Optimize (Sub)group Activities	github	11	n			-	103	650
YoungFS17 YoungFS17 [843]	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	benchmark, github, instance generator	6					108	792
AmadiniGM16 AmadiniGM16 [25]	Parallelizing Constraint Solvers for Hard RCPSP Instances	real-life, benchmark, github	3					109	420
BonfiettiZLM16 BonfiettiZLM16 [145]	The Multirate Resource Constraint	generated instance, github, industrial instance, benchmark, real-world	1					110	481
CauwelaertDMS16 CauwelaertDMS16 [184]	Efficient Filtering for the Unary Resource with Family-Based Transition Times	real-life, bitbucket, benchmark	2					114	496
CauwelaertLS15 CauwelaertLS15 [185]	Understanding the Potential of Propagators	benchmark, bitbucket	0					133	497
DejemeppeCS15 DejemeppeCS15 [228]	The Unary Resource with Transition Times	bitbucket, real-world, generated instance, benchmark	4					134	515
GayHLS15 GayHLS15 [304]	Conflict Ordering Search for Scheduling Problems	bitbucket, benchmark	0					136	550
GayHS15 GayHS15 [305]	Simple and Scalable Time-Table Filtering for the Cumulative Constraint	bitbucket	2					137	551
GayHS15a GayHS15a [306]	Time-Table Disjunctive Reasoning for the Cumulative Constraint	real-world, benchmark, bitbucket	0					138	552
SialaAH15 SialaAH15 [733]	Two Clause Learning Approaches for Disjunctive Scheduling	github, benchmark	5					147	732
DejemeppeD14 DejemeppeD14 [229]	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	bitbucket	0					156	516
HoundjiSWD14 HoundjiSWD14 [417]	The StockingCost Constraint	bitbucket, generated instance	0					162	599
CireCH13 CireCH13 [198]	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling		1	dead		n	-	169	505
GuSS13 GuSS13 [349]	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	benchmark	1	dead			-	170	576
KelarevaTK13 KelarevaTK13 [446]	CP Methods for Scheduling and Routing with Time-Dependent Task Costs	real-world	5	ref		-	-	173	613

Table 4: Manually Defined PAPER Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
LetortCB13 LetortCB13 [498]	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint	benchmark, random instance, Roadef	2	PSPlib		-	-	174	641
SchuttFS13a SchuttFS13a [715]	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	benchmark	5	PSPlib AT BL Pack KSD15D PackD		-	-	179	725
SimoninAHL12 SimoninAHL12 [734]	Scheduling Scientific Experiments on the Rosetta/Philae Mission		0	n		n	-	193	733

3 Journal Articles

3.1 Articles from bibtex

Table 5: Works from bibtex (Total 364)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ForbesHJST24 ForbesHJST24	M. Forbes, M. Harris, H. Jansen, F.A. van der Schoot, T. Taimre	Combining optimisation and simulation using logic-based Benders decomposition	Yes	[286]	2024	European Journal of Operational Research	15	0	26	1348	1576
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	[533]	2024	Journal of Marine Science and Engineering	36	0	0	1434	n/a
PrataAN23 PrataAN23	Bruno A. Prata, Levi R. Abreu, Marcelo S. Nagano	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis	Yes	[668]	2024	Results in Control and Optimization	17	0	0	1490	1577
abs-2402-00459 abs-2402-00459	S. Nguyen, Dhananjay R. Thiruvady, Y. Sun, M. Zhang	Genetic-based Constraint Programming for Resource Constrained Job Scheduling	Yes	[610]	2024	CoRR	21	0	0	1575	1578
AbreuNP23 AbreuNP23	Levi Ribeiro de Abreu, Marcelo Seido Nagano, Bruno A. Prata	A new two-stage constraint programming approach for open shop scheduling problem with machine blocking	Yes	[223]	2023	International Journal of Production Research	20	1	47	1255	1579
AbreuPNF23 AbreuPNF23	Levi R. Abreu, Bruno A. Prata, Marcelo S. Nagano, Jose M. Framinan	A constraint programming-based iterated greedy algorithm for the open shop with sequence-dependent processing times and makespan minimization	Yes	[4]	2023	Computers Operations Research	12	0	46	1256	n/a
Adelgren2023 Adelgren2023	N. Adelgren, Christos T. Maravelias	On the utility of production scheduling formulations including record keeping variables	Yes	[10]	2023	Computers Industrial Engineering	12	0	43	1257	1580
AfsarVPG23 AfsarVPG23	S. Afsar, Camino R. Vela, Juan José Palacios, I. González-Rodríguez	Mathematical models and benchmarking for the fuzzy job shop scheduling problem	Yes	[11]	2023	Computers Industrial Engineering	14	0	50	1258	1581
AkramNHRSA23 AkramNHRSA23	Bilal Omar Akram, Nor Kamariah Noordin, F. Hashim, Mohd Fadlee A. Rasid, Mustafa Ismael Salman, Abdulrahman M. Abdulghani	Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming	Yes	[18]	2023	IEEE Access	16	0	0	1260	1582
AlakaP23 AlakaP23	Hacı Mehmet Alakaş, M. Pınarbaşı	Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models	No	[21]	2023	Soft Computing	null	0	35	No	n/a
AlfieriGPS23 AlfieriGPS23	A. Alfieri, M. Garraffa, E. Pastore, F. Salassa	Permutation flowshop problems minimizing core waiting time and core idle time	Yes	[23]	2023	Computers Industrial Engineering	13	0	37	1262	n/a
Caballero23 Caballero23	Jordi Coll Caballero	Scheduling through logic-based tools	Yes	[167]	2023	Constraints An Int. J.	1	0	0	1313	1583
CzerniachowskaWZ23 CzerniachowskaWZ23	K. Czerniachowska, R. Wichniarek, K. Żywicki	Constraint Programming for Flexible Flow Shop Scheduling Problem with Repeated Jobs and Repeated Operations	Yes	[211]	2023	Advances in Science and Technology Research Journal	14	0	0	1326	n/a
FahimiQ23 FahimiQ23	H. Fahimi, C. Quimper	Overload-Checking and Edge-Finding for Robust Cumulative Scheduling	No	[273]	2023	INFORMS Journal on Computing	null	0	16	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	[279]	2023	Omega	15	7	60	1346	1584
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	[320]	2023	International Journal of Systems Science: Operations Logistics	null	0	104	No	n/a
GokPTGO23 GokPTGO23	Yagmur S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk	Constraint-based robust planning and scheduling of airport apron operations through simheuristics	Yes	[329]	2023	Annals of Operations Research	36	0	0	1354	1585
GuoZ23 GuoZ23	P. Guo, J. Zhu	Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut	Yes	[353]	2023	European Journal of Operational Research	29	0	112	1362	1586

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GurPAE23 GurPAE23	S. Gür, M. Pinarbasi, Haci Mehmet Alakas, T. Eren	Operating room scheduling with surgical team: a new approach with constraint programming and goal programming	Yes	[354]	2023	Central Eur. J. Oper. Res.	25	1	40	1364	1587
IsikYA23 IsikYA23	Eyüp Ensar Isik, Seyda Topaloglu Yildiz, Özge Satir Akpunar	Constraint programming models for the hybrid flow shop scheduling problem and its extensions	Yes	[422]	2023	Soft Comput.	28	0	127	1394	1588
JuvinHL23a JuvinHL23a	C. Juvin, L. Houssin, P. Lopez	Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem	Yes	[436]	2023	Computers Operations Research	17	0	40	1400	n/a
LacknerMMWW23 LacknerMMWW23	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Exact methods for the Oven Scheduling Problem	Yes	[487]	2023	Constraints An Int. J.	42	0	32	1419	1589
MarliereSPR23 MarliereSPR23	G. Marlière, Sonia Sobieraj Richard, P. Pellegrini, J. Rodriguez	A conditional time-intervals formulation of the real-time Railway Traffic Management Problem	Yes	[554]	2023	Control Engineering Practice	22	1	75	1439	n/a
MontemanniD23 MontemanniD23	R. Montemanni, M. Dell'Amico	Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming	Yes	[582]	2023	Algorithms	13	2	18	1453	1590
MontemanniD23a MontemanniD23a	R. Montemanni, M. Dell'Amico	Constraint programming models for the parallel drone scheduling vehicle routing problem	Yes	[581]	2023	EURO J. Comput. Optim.	20	0	14	1454	1591
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[598]	2023	SSRN Electronic Journal	32	0	46	1458	n/a
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	Yes	[596]	2023	Omega	15	4	64	1459	1592
NaderiRR23 NaderiRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[601]	2023	INFORMS Journal on Computing	27	2	50	1460	1593
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	[794]	2023	International Journal of Production Research	null	2	44	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	[648]	2023	Computers Operations Research	13	0	34	1484	n/a
ShaikhK23 ShaikhK23	Aftab Ahmed Shaikh, Abdullah Ayub Khan	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems	Yes	[727]	2023	Int. J. Electron. Secur. Digit. Forensics	12	0	0	1514	1594
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	[848]	2023	IEEE Access	11	0	0	1550	1595
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	[869]	2023	Omega	22	1	36	1562	n/a
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	[388]	2023	CoRR	42	0	0	1572	1596
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	[763]	2023	CoRR	9	0	0	1573	1597
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	[650]	2023	CoRR	20	0	0	1574	1598
AbreuN22 AbreuN22	Levi Ribeiro de Abreu, Marcelo Seido Nagano	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times	Yes	[222]	2022	Computers Industrial Engineering	20	10	56	1254	1599
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	[52]	2022	Computers Chemical Engineering	22	3	41	1270	n/a

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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	[154]	2022	International Journal of Production Research	19	4	44	1309	n/a
CampeauG22 CampeauG22	L. Campeau, M. Gamache	Short- and medium-term optimization of underground mine planning using constraint programming	Yes	[170]	2022	Constraints An Int. J.	18	0	22	1314	1600
CilKLO22 CilKLO22	Zeynel Abidin Cil, D. Kizilay, Z. Li, H. Öztop	Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm	No	[197]	2022	Expert Systems with Applications	1	5	44	No	n/a
ColT22 ColT22	Giacomo Da Col, Erich C. Teppan	Industrial-size job shop scheduling with constraint programming	Yes	[213]	2022	Operations Research Perspectives	19	3	55	1324	1601
ElciOH22 ElciOH22	Özgün Elçi, John N. Hooker	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition	Yes	[255]	2022	INFORMS Journal on Computing	21	2	34	1334	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	[260]	2022	Annals of Operations Research	30	0	52	1335	1602
EtminaniesfahaniGNMS22 Etminaniesfahani-haniGNMS22	A. Etminaniesfahani, H. Gu, Leila Moslemi Naeni, A. Salehipour	A Forward–Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem	Yes	[267]	2022	SN Computer Science	10	0	57	1338	n/a
FarsiTM22 FarsiTM22	A. Farsi, S. Ali Torabi, M. Mokhtarzadeh	Integrated surgery scheduling by constraint programming and meta-heuristics	Yes	[278]	2022	International Journal of Management Science and Engineering Management	14	5	47	1345	1603
FetgoD22 FetgoD22	Sévérine Betmbe Fetgo, Clémentin Tayou Djamégni	Horizontally Elastic Edge-Finder Algorithm for Cumulative Resource Constraint Revisited	Yes	[281]	2022	Oper. Res. Forum	32	0	20	1347	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	[387]	2022	Computers Industrial Engineering	16	5	25	1380	1604
HillBCGN22 HillBCGN22	A. Hill, Andrea J. Brickey, I. Cipriano, M. Goycoolea, A. Newman	Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining	No	[395]	2022	INFORMS Journal on Computing	null	0	53	No	n/a
JuvinHL22 JuvinHL22	C. Juvin, L. Houssin, P. Lopez	Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem	Yes	[434]	2022	SSRN Electronic Journal	32	0	29	1399	n/a
MartnezAJ22 MartnezAJ22	Karim Pérez Martínez, Y. Adulyasak, R. Jans	Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems	No	[557]	2022	INFORMS Journal on Computing	null	1	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	[564]	2022	Swarm and Evolutionary Computation	13	38	37	1445	n/a
MullerMKP22 MullerMKP22	D. Müller, Marcus Gerhard Müller, D. Kress, E. Pesch	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning	Yes	[587]	2022	European Journal of Operational Research	18	17	59	1455	1605
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[597]	2022	SSRN Electronic Journal	29	0	44	1456	n/a
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[595]	2022	Computers Operations Research	19	3	44	1457	n/a
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[599]	2022	INFORMS Journal on Optimization	null	5	49	No	n/a
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[631]	2022	Operational Research	29	0	0	1476	n/a

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PohlAK22 PohlAK22	M. Pohl, C. Artigues, R. Kolisch	Solving the time-discrete winter runway scheduling problem: A column generation and constraint programming approach	Yes	[660]	2022	European Journal of Operational Research	16	4	31	1487	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	[729]	2022	International Journal of Production Research	18	2	45	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	[748]	2022	Soft Comput.	38	5	86	1522	n/a
YunusogluY22 YunusogluY22	P. Yunusoglu, Seyda Topaloglu Yildiz	Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times	Yes	[845]	2022	International Journal of Production Research	18	20	58	1549	1606
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	[847]	2022	Mathematics	26	6	29	1551	1607
abs-2211-14492 abs-2211-14492	Y. Sun, S. Nguyen, Dhananjay R. Thiruvady, X. Li, Andreas T. Ernst, U. Aickelin	Enhancing Constraint Programming via Supervised Learning for Job Shop Scheduling	Yes	[750]	2022	CoRR	17	0	0	1571	n/a
AbohashimaEG21 AbohashimaEG21	H. Abohashima, Amr B. Eltawil, Mohamed S. Gheith	A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints	Yes	[3]	2021	IEEE Access	14	1	25	1252	1608
AbreuAPNM21 AbreuAPNM21	Levi Ribeiro de Abreu, Kennedy Anderson Guimarães Araújo, Bruno de Athayde Prata, Marcelo Seido Nagano, João Vitor Moccellin	A new variable neighbourhood search with a constraint programming search strategy for the open shop scheduling problem with operation repetitions	Yes	[221]	2021	Engineering Optimization	21	5	50	1253	n/a
Alaka21 Alaka21	Hacı Mehmet Alakaş	General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models	No	[20]	2021	Soft Computing	null	7	20	No	n/a
Bedhief21 Bedhief21	Asma Ouled Bedhief	Comparing Mixed-Integer Programming and Constraint Programming Models for the Hybrid Flow Shop Scheduling Problem with Dedicated Machines	Yes	[100]	2021	Journal Européen des Systèmes Automatisés	7	0	0	1290	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	[180]	2021	International Journal of Production Research	null	3	26	No	n/a
Edis21 Edis21	Emrah B. Edis	Constraint programming approaches to disassembly line balancing problem with sequencing decisions	Yes	[250]	2021	Computers Operations Research	20	13	48	1333	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	[277]	2021	Computers Operations Research	15	18	57	1344	n/a
HamP21 HamP21	A. Ham, M. Park	Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study	Yes	[361]	2021	IEEE Robotics and Automation Letters	8	13	26	1372	1609
HamPK21 HamPK21	A. Ham, M. Park, Kyung Min Kim	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming	Yes	[362]	2021	Mathematical Problems in Engineering	12	6	46	1373	1610
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	[418]	2021	Journal of Scheduling	22	0	37	1393	n/a
KoehlerBFFHPSSS21 KoehlerBFFHPSSS21	J. Koehler, J. Bürgler, U. Fontana, E. Fux, Florian 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	[458]	2021	Constraints An Int. J.	51	2	52	1406	1611
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	[565]	2021	IET Collaborative Intelligent Manufacturing	14	5	39	1446	n/a

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NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[600]	2021	Production and Operations Management	null	22	61	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	[640]	2021	J. Supercomput.	29	3	32	1481	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	[672]	2021	IEEE Trans Autom. Sci. Eng.	12	12	30	1493	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	[677]	2021	International Journal of Management Science and Engineering Management	null	4	44	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	[697]	2021	European Journal of Operational Research	14	15	44	1502	n/a
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[814]	2021	Computers Industrial Engineering	14	7	22	1541	1612
ZhangYW21 ZhangYW21	L. Zhang, C. Yu, T. N. Wong	A graph-based constraint programming approach for the integrated process planning and scheduling problem	Yes	[861]	2021	Computers Operations Research	10	6	35	1560	n/a
abs-2102-08778 abs-2102-08778	Giacomo Da Col, E. Teppan	Large-Scale Benchmarks for the Job Shop Scheduling Problem	Yes	[206]	2021	CoRR	10	0	0	1570	n/a
AlizdehS20 AlizdehS20	S. Alizdeh, S. Saeidi	Fuzzy project scheduling with critical path including risk and resource constraints using linear programming	No	[24]	2020	Int. J. Adv. Intell. Paradigms	14	1	0	No	n/a
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AstrandJZ20 AstrandJZ20	M. Åstrand, M. Johansson, A. Zanarini	Underground mine scheduling of mobile machines using Constraint Programming and Large Neighborhood Search	Yes	[51]	2020	Computers Operations Research	13	16	24	1269	n/a
BadicaBI20 BadicaBI20	A. Badica, C. Badica, M. Ivanovic	Block structured scheduling using constraint logic programming	Yes	[53]	2020	AI Commun.	17	2	28	1271	n/a
BalochG20 BalochG20	G. Baloch, F. Gzara	Strategic Network Design for Parcel Delivery with Drones Under Competition	No	[59]	2020	Transportation Science	null	25	46	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	[113]	2020	Constraints An Int. J.	19	1	18	1295	1613
CarlierPSJ20 CarlierPSJ20	J. Carlier, E. Pinson, A. Sahli, A. Jouglet	An O(n2) algorithm for time-bound adjustments for the cumulative scheduling problem	Yes	[175]	2020	European Journal of Operational Research	9	6	10	1316	n/a
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[187]	2020	Journal of Scheduling	19	2	21	1317	1614
FachiniA20 FachiniA20	Ramon Faganello Fachini, Vinícius Amaral Armentano	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows	Yes	[270]	2020	Computers Industrial Engineering	18	25	55	1340	1615
FallahiAC20 FallahiAC20	Abdellah El Fallahi, El Yaakoubi Anass, M. Cherkaoui	Tabu search and constraint programming-based approach for a real scheduling and routing problem	Yes	[275]	2020	International Journal of Applied Management Science	18	0	0	1343	1616

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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	[352]	2020	Engineering Optimization	null	8	31	No	n/a
Ham20 Ham20	A. Ham	Transfer-robot task scheduling in job shop	No	[359]	2020	International Journal of Production Research	null	15	27	No	n/a
Ham20a Ham20a	A. Ham	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center	Yes	[358]	2020	IEEE Transactions on Automation Science and Engineering	9	15	27	1369	n/a
HauderBRPA20 HauderBRPA20	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	Resource-constrained multi-project scheduling with activity and time flexibility	Yes	[374]	2020	Computers Industrial Engineering	14	14	46	1377	1617
KizilayC20 KizilayC20	D. Kizilay, Zeynel Abidin Cil	Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations	No	[453]	2020	Engineering Optimization	null	11	38	No	n/a
LunardiBLRV20 LunardiBLRV20	Willian T. Lunardi, Ernesto G. Birgin, P. Laborie, Débora P. Ronconi, H. Voos	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem	Yes	[536]	2020	Computers Operations Research	20	30	18	1435	1618
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	[560]	2020	European Journal of Operational Research	13	24	45	1442	1619
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	[566]	2020	Computers Industrial Engineering	13	100	62	1447	1620
MokhtarzadehTNF20 MokhtarzadehTNF20	M. Mokhtarzadeh, R. Tavakkoli-Moghaddam, Behdin Vahedi Nouri, A. Farsi	Scheduling of human-robot collaboration in assembly of printed circuit boards: a constraint programming approach	Yes	[578]	2020	Int. J. Comput. Integr. Manuf.	14	25	32	1452	n/a
PinarbasiA20 PinarbasiA20	M. Pınarbaşı, Hacı Mehmet Alakaş	Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models	No	[671]	2020	Engineering Optimization	null	7	32	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	[662]	2020	International Journal of Production Research	18	8	23	1488	1621
QinDCS20 QinDCS20	T. Qin, Y. Du, Jiang Hang 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	[673]	2020	European Journal of Operational Research	18	27	30	1491	n/a
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[694]	2020	International Journal of Production Economics	19	24	43	1500	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	[701]	2020	Oper. Res. Forum	33	2	38	1504	1622
WallaceY20 WallaceY20	Mark G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[818]	2020	Constraints An Int. J.	19	5	18	1543	1623
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
ZouZ20 ZouZ20	X. Zou, L. Zhang	A constraint programming approach for scheduling repetitive projects with atypical activities considering soft logic	Yes	[872]	2020	Automation in Construction	10	18	48	1563	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	[35]	2019	European Journal of Operational Research	10	12	24	1264	n/a

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ColT2019a ColT2019a	Giacomo Da Col, E. Teppan	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem	Yes	[212]	2019	Electronic Proceedings in Theoretical Computer Science	7	10	10	1323	1624
EdwardsBSE19 EdwardsBSE19	Steven J. Edwards, D. Baatar, K. Smith-Miles, Andreas T. Ernst	Symmetry breaking of identical projects in the high-multiplicity RCPSP/max	No	[253]	2019	Journal of the Operational Research Society	null	3	40	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	[264]	2019	Computers Chemical Engineering	10	17	18	1337	n/a
GurEA19 GurEA19	Şeyda Gür, T. Eren, Hacı Mehmet Alakaş	Surgical Operation Scheduling with Goal Programming and Constraint Programming: A Case Study	Yes	[873]	2019	Mathematics	24	19	30	1363	n/a
HechingHK19 HechingHK19	A. Heching, John N. Hooker, R. Kimura	A Logic-Based Benders Approach to Home Healthcare Delivery	No	[379]	2019	Transportation Science	null	35	29	No	n/a
HoundjiSW19 HoundjiSW19	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey	The item dependent stockingcost constraint	Yes	[416]	2019	Constraints An Int. J.	27	0	17	1392	1625
NattafDYW19 NattafDYW19	M. Nattaf, S. Dauzère-Pérès, C. Yugma, C. Wu	Parallel machine scheduling with time constraints on machine qualifications	Yes	[606]	2019	Computers Operations Research	16	14	21	1464	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	[607]	2019	Discret. Appl. Math.	16	5	12	1465	n/a
NishikawaSTT19 NishikawaSTT19	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	A Constraint Programming Approach to Scheduling of Malleable Tasks	Yes	[613]	2019	Int. J. Netw. Comput.	16	3	20	1466	n/a
Novas19 Novas19	Juan M. Novas	Production scheduling and lot streaming at flexible job-shops environments using constraint programming	Yes	[615]	2019	Computers Industrial Engineering	13	30	29	1468	n/a
SunTB19 SunTB19	D. Sun, L. Tang, R. Baldacci	A Benders decomposition-based framework for solving quay crane scheduling problems	Yes	[749]	2019	European Journal of Operational Research	12	31	29	1523	1626
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	[758]	2019	IEEE Transactions on Automation Science and Engineering	10	40	40	1525	1627
UnsalO19 UnsalO19	O. Unsal, C. Oguz	An exact algorithm for integrated planning of operations in dry bulk terminals	Yes	[793]	2019	Transportation Research Part E: Logistics and Transportation Review	19	44	27	1539	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	[823]	2019	International Journal of Production Research	null	11	42	No	n/a
WikarekS19 WikarekS19	J. Wikarek, P. Sitek	A Constraint-Based Declarative Programming Framework for Scheduling and Resource Allocation Problems	Yes	[828]	2019	Vietnam. J. Comput. Sci.	22	0	11	1546	n/a
YounespourAKE19 YounespourAKE19	M. Younespour, A. Atighehchian, K. Kianfar, Ehsan Tarkesh Esfahani	Using mixed integer programming and constraint programming for operating rooms scheduling with modified block strategy	Yes	[842]	2019	Operations research for health care	11	7	15	1548	n/a
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[103]	2019	CoRR	8	0	0	1566	1628
abs-1902-01193 abs-1902-01193	O. M. Alade, A. O. Amusat	Solving Nurse Scheduling Problem Using Constraint Programming Technique	Yes	[19]	2019	CoRR	9	0	0	1567	n/a
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[373]	2019	CoRR	62	0	0	1568	n/a

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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	[311]	2019	CoRR	16	0	0	1569	1629
BaptisteB18 BaptisteB18	P. Baptiste, N. Bonifas	Redundant cumulative constraints to compute preemptive bounds	Yes	[62]	2018	Discret. Appl. Math.	10	3	13	1275	n/a
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[149]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1307	n/a
BukchinR18 BukchinR18	Y. Bukchin, T. Raviv	Constraint programming for solving various assembly line balancing problems	Yes	[163]	2018	Omega	12	66	29	1312	n/a
CauwelaertLS18 CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[186]	2018	Constraints An Int. J.	36	2	39	1318	1630
FahimiOQ18 FahimiOQ18	H. Fahimi, Y. Ouellet, C. Quimper	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	Yes	[272]	2018	Constraints An Int. J.	22	2	20	1341	1631
GedikKEK18 GedikKEK18	R. Gedik, D. Kalathia, G. Egilmez, E. Kirac	A constraint programming approach for solving unrelated parallel machine scheduling problem	Yes	[308]	2018	Computers Industrial Engineering	11	43	22	1352	n/a
GokgurHO18 GokgurHO18	B. Gökgür, B. Hnich, S. Özpeynirci	Parallel machine scheduling with tool loading: a constraint programming approach	Yes	[330]	2018	International Journal of Production Research	17	31	43	1355	n/a
GoldwaserS18 GoldwaserS18	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[332]	2018	J. Artif. Intell. Res.	32	8	0	1356	1632
GombolayWS18 GombolayWS18	Matthew C. Gombolay, Ronald J. Wilcox, Julie A. Shah	Fast Scheduling of Robot Teams Performing Tasks With Temporospatial Constraints	Yes	[334]	2018	IEEE Transactions on Robotics	20	71	75	1357	n/a
Ham18 Ham18	Andy 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	[363]	2018	Transportation Research Part C: Emerging Technologies	14	164	14	1367	n/a
Ham18a Ham18a	A. Ham	Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP	Yes	[357]	2018	IEEE Transactions on Semiconductor Manufacturing	10	20	21	1368	n/a
KreterSSZ18 KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[475]	2018	European Journal of Operational Research	15	25	31	1412	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	[484]	2018	Constraints An Int. J.	41	148	35	1418	1633
PourDERB18 PourDERB18	Shahrzad M. Pour, John H. Drake, Lena Secher Ejlertsen, Kourosh Marjani Rasmussen, Edmund K. Burke	A hybrid Constraint Programming/Mixed Integer Programming framework for the preventive signaling maintenance crew scheduling problem	Yes	[664]	2018	European Journal of Operational Research	12	41	13	1489	n/a
ShinBBHO18 ShinBBHO18	Seung Yeob Shin, Y. Brun, H. Balasubramanian, Philip L. Henneman, Leon J. Osterweil	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling	Yes	[730]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9	31	1515	1634
TangLWSK18 TangLWSK18	Y. Tang, R. Liu, F. Wang, Q. Sun, Amr A. Kandil	Scheduling Optimization of Linear Schedule with Constraint Programming	Yes	[760]	2018	Comput. Aided Civ. Infrastructure Eng.	28	24	76	1526	n/a
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[784]	2018	Journal of Scheduling	17	8	26	1534	n/a
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	[862]	2018	IEEE Trans. Engineering Management	18	49	28	1559	n/a

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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	[261]	2017	ACM Transactions on Design Automation of Electronic Systems	24	4	42	1336	n/a
GedikKBR17 GedikKBR17	R. Gedik, E. Kirac, Ashlea Bennet Milburn, C. Rainwater	A constraint programming approach for the team orienteering problem with time windows	Yes	[309]	2017	Computers Industrial Engineering	18	20	32	1351	n/a
GomesM17 GomesM17	Francisco Regis Abreu Gomes, Geraldo Robson Mateus	Improved Combinatorial Benders Decomposition for a Scheduling Problem with Unrelated Parallel Machines	Yes	[336]	2017	Journal of Applied Mathematics	11	1	43	1358	n/a
HamFC17 HamFC17	A. Ham, John W. Fowler, E. Cakici	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines	Yes	[360]	2017	IEEE Transactions on Semiconductor Manufacturing	8	21	28	1371	n/a
HookerH17 HookerH17	John N. Hooker, Willem-Jan van Hoeve	Constraint programming and operations research	Yes	[414]	2017	Constraints An Int. J.	24	12	189	1388	n/a
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[474]	2017	Constraints An Int. J.	31	15	20	1411	1635
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[604]	2017	Constraints An Int. J.	18	5	10	1462	1636
RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, Dionne M. Aleman, D. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[695]	2017	European Journal of Operational Research	17	61	46	1501	n/a
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[696]	2017	INFORMS Journal on Computing	null	54	42	No	n/a
SchnellH17 SchnellH17	A. Schnell, Richard 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	[712]	2017	Operations Research Perspectives	11	12	20	1511	1637
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[786]	2017	J. Artif. Intell. Res.	68	12	0	1535	n/a
BlomPS16 BlomPS16	Michelle L. Blom, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods	Yes	[130]	2016	Manag. Sci.	26	20	36	1301	n/a
Bonfietti16 Bonfietti16	A. Bonfietti	A constraint programming scheduling solver for the MPOpt programming environment	Yes	[138]	2016	Intelligenza Artificiale	13	0	19	1304	n/a
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	Yes	[148]	2016	IEEE Robotics and Automation Letters	8	27	21	1306	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	[158]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1310	n/a
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[199]	2016	The Knowledge Engineering Review	12	15	21	1320	n/a
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[249]	2016	INFORMS Journal on Computing	17	56	28	1332	n/a
HamC16 HamC16	Andy M. Ham, E. Cakici	Flexible job shop scheduling problem with parallel batch processing machines: MIP and CP approaches	Yes	[364]	2016	Computers Industrial Engineering	6	50	26	1370	n/a
HebrardHJMPV16 HebrardHJMPV16	E. Hebrard, M. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie	Approximation of the parallel machine scheduling problem with additional unit resources	Yes	[377]	2016	Discret. Appl. Math.	10	9	8	1378	n/a
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[476]	2016	Computers Operations Research	9	119	17	1413	n/a

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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	[605]	2016	OR Spectrum	34	10	15	1463	n/a
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[614]	2016	Computers Chemical Engineering	17	18	31	1467	n/a
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[630]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1475	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	[674]	2016	Transportation Research Part E: Logistics and Transportation Review	19	17	40	1492	n/a
RiiseML16 RiiseML16	A. Riise, C. Mannino, L. Lamorgese	Recursive logic-based Benders' decomposition for multi-mode outpatient scheduling	Yes	[684]	2016	European Journal of Operational Research	10	27	29	1495	n/a
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[781]	2016	INFORMS Journal on Computing	13	72	28	1533	n/a
ZarandiKS16 ZarandiKS16	M. H. Fazel Zarandi, H. Khorshidian, Mohsen Akbarpour Shirazi	A constraint programming model for the scheduling of JIT cross-docking systems with preemption	Yes	[851]	2016	Journal of Intelligent Manufacturing	17	28	14	1553	n/a
AlesioBNG15 AlesioBNG15	Stefano Di Alesio, Lionel C. Briand, S. Nejati, A. Gotlieb	Combining Genetic Algorithms and Constraint Programming to Support Stress Testing of Task Deadlines	Yes	[22]	2015	ACM Transactions on Software Engineering and Methodology	37	13	51	1261	n/a
BajestaniB15 BajestaniB15	Maliheh Aramon Bajestani, J. Christopher Beck	A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines	Yes	[57]	2015	Journal of Scheduling	16	17	59	1273	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
GoelSHFS15 GoelSHFS15	V. Goel, M. Slusky, Willem-Jan van Hoeve, Kevin C. Furman, Y. Shao	Constraint programming for LNG ship scheduling and inventory management	Yes	[327]	2015	European Journal of Operational Research	12	48	4	1353	n/a
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[341]	2015	INFORMS Journal on Computing	17	12	41	1359	n/a
Kameugne15 Kameugne15	R. Kameugne	Propagation techniques of resource constraint for cumulative scheduling	Yes	[439]	2015	Constraints An Int. J.	2	0	0	1401	1638
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[499]	2015	Constraints An Int. J.	52	2	14	1421	1639
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[639]	2015	Journal of Manufacturing Systems	12	27	17	1480	n/a
SchnellH15 SchnellH15	A. Schnell, Richard F. Hartl	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations	Yes	[711]	2015	OR Spectrum	21	24	20	1510	1641
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[731]	2015	Constraints An Int. J.	2	4	0	1516	1642
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[735]	2015	Constraints An Int. J.	23	4	5	1517	1643

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WangMD15 WangMD15	T. Wang, N. Meskens, D. Duvivier	Scheduling operating theatres: Mixed integer programming vs. constraint programming	Yes	[822]	2015	European Journal of Operational Research	13	36	33	1544	n/a
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	Yes	[44]	2014	Journal of Scheduling	17	11	19	1266	n/a
BlomBPS14 BlomBPS14	Michelle L. Blom, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines	Yes	[129]	2014	INFORMS Journal on Computing	19	15	47	1300	n/a
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[141]	2014	Artificial Intelligence	28	8	15	1305	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	[343]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1360	n/a
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[370]	2014	Computers Chemical Engineering	33	381	176	1376	n/a
KameugneFSN14 KameugneFSN14	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A quadratic edge-finding filtering algorithm for cumulative resource constraints	Yes	[444]	2014	Constraints An Int. J.	27	6	10	1403	1644
LaborieR14 LaborieR14	P. Laborie, J. Rogerie	Temporal linear relaxation in IBM ILOG CP Optimizer	Yes	[485]	2014	Journal of Scheduling	10	17	13	1417	n/a
NovasH14 NovasH14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[618]	2014	Expert Syst. Appl.	14	35	26	1471	n/a
PengLC14 PengLC14	Y. Peng, D. Lu, Y. Chen	A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products	No	[647]	2014	Discrete Dynamics in Nature and Society	null	5	13	No	n/a
TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[767]	2014	J. Artif. Intell. Res.	38	12	0	1528	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[771]	2014	J. Heuristics	34	19	18	1529	n/a
ZhaoL14 ZhaoL14	Z. Zhao, X. Li	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming	No	[864]	2014	Operations Research for Health Care	null	40	23	No	n/a
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	Yes	[45]	2013	International Journal of Production Economics	11	76	16	1267	n/a
BajestaniB13 BajestaniB13	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources	Yes	[56]	2013	J. Artif. Intell. Res.	36	14	0	1272	n/a
BegB13 BegB13	Mirza Omer Beg, Peter van Beek	A constraint programming approach for integrated spatial and temporal scheduling for clustered architectures	Yes	[101]	2013	ACM Trans. Embed. Comput. Syst.	23	1	28	1291	n/a
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[386]	2013	Constraints An Int. J.	36	7	31	1381	1645
KameugneF13 KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in O(n 2log(n))	Yes	[442]	2013	Indian Journal of Pure and Applied Mathematics	21	6	4	1402	n/a
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[526]	2013	IEEE Transactions on Computers	14	28	29	1429	n/a
MenciaSV13 MenciaSV13	C. Mencía, María R. Sierra, R. Varela	Intensified iterative deepening A* with application to job shop scheduling	Yes	[563]	2013	Journal of Intelligent Manufacturing	11	9	43	1444	1646
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[638]	2013	Constraints An Int. J.	36	31	44	1479	1647
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[720]	2013	Journal of Scheduling	17	43	23	1513	1648

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
UnsalO13 UnsalO13	O. Unsal, C. Oguz	Constraint programming approach to quay crane scheduling problem	Yes	[792]	2013	Transportation Research Part E: Logistics and Transportation Review	15	44	25	1538	n/a
GuyonLPR12 GuyonLPR12	O. Guyon, P. Lemaire, Éric Pinson, D. Rivreau	Solving an integrated job-shop problem with human resource constraints	Yes	[355]	2012	Annals of Operations Research	25	32	25	1365	n/a
HeinzSSW12 HeinzSSW12	S. Heinz, T. Schlechte, R. Stephan, M. Winkler	Solving steel mill slab design problems	Yes	[384]	2012	Constraints An Int. J.	12	10	9	1382	1649
LimtanyakulS12 LimtanyakulS12	K. Limtanyakul, U. Schwiegelshohn	Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes	Yes	[510]	2012	Constraints An Int. J.	32	4	16	1424	1650
LombardiM12 LombardiM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[524]	2012	Constraints An Int. J.	35	39	68	1427	1651
LombardiM12a LombardiM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[523]	2012	Artificial Intelligence	10	3	13	1428	n/a
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[546]	2012	INFORMS Journal on Computing	17	23	21	1436	n/a
MalapertGR12 MalapertGR12	A. Malapert, C. Guéret, L. Rousseau	A constraint programming approach for a batch processing problem with non-identical job sizes	No	[548]	2012	European Journal of Operational Research	null	43	24	No	n/a
MenciaSV12 MenciaSV12	C. Mencía, María R. Sierra, R. Varela	Depth-first heuristic search for the job shop scheduling problem	Yes	[562]	2012	Annals of Operations Research	32	16	40	1443	n/a
NovasH12 NovasH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[617]	2012	Computers Chemical Engineering	17	17	15	1470	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	[636]	2012	IFAC Proceedings Volumes	6	5	5	1478	n/a
TerekhovDOB12 TerekhovDOB12	D. Terekhov, Mustafa K. Dogru, U. Özen, J. Christopher Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[766]	2012	Computers Industrial Engineering	15	8	48	1527	n/a
TopalogluSS12 TopalogluSS12	S. Topaloglu, L. Salum, Aliye Ayca Supciller	Rule-based modeling and constraint programming based solution of the assembly line balancing problem	No	[777]	2012	Expert Systems with Applications	null	31	34	No	n/a
ZarandiB12 ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem	No	[280]	2012	INFORMS Journal on Computing	null	38	57	No	n/a
BandaSC11 BandaSC11	Maria Garcia de la Banda, Peter J. Stuckey, G. Chu	Solving Talent Scheduling with Dynamic Programming	Yes	[225]	2011	INFORMS Journal on Computing	18	24	17	1274	n/a
BartakS11 BartakS11	R. Barták, Miguel A. Salido	Constraint satisfaction for planning and scheduling problems	Yes	[75]	2011	Constraints An Int. J.	5	17	3	1279	1652
BeckFW11 BeckFW11	J. Christopher Beck, T. K. Feng, J. Watson	Combining Constraint Programming and Local Search for Job-Shop Scheduling	Yes	[90]	2011	INFORMS Journal on Computing	14	43	23	1287	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	[106]	2011	Annals of Operations Research	24	8	8	1293	n/a
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[119]	2011	Annals of Operations Research	27	18	16	1296	n/a
CobanH11 CobanH11	E. Coban, John N. Hooker	Single-facility scheduling by logic-based Benders decomposition	Yes	[204]	2011	Annals of Operations Research	28	14	37	1322	n/a
EdisO11a EdisO11a	Emrah B. Edis, I. Ozkarahan	A combined integer/constraint programming approach to a resource-constrained parallel machine scheduling problem with machine eligibility restrictions	No	[252]	2011	Engineering Optimization	null	43	37	No	n/a
HachemiGR11 HachemiGR11	Nizar El Hachemi, M. Gendreau, L. Rousseau	A hybrid constraint programming approach to the log-truck scheduling problem	Yes	[356]	2011	Annals of Operations Research	16	32	19	1366	n/a

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HeckmanB11 HeckmanB11	I. Heckman, J. Christopher Beck	Understanding the behavior of Solution-Guided Search for job-shop scheduling	Yes	[381]	2011	Journal of Scheduling	20	0	22	1379	n/a
KelbelH11 KelbelH11	J. Kelbel, Z. Hanzálek	Solving production scheduling with earliness/tardiness penalties by constraint programming	Yes	[447]	2011	Journal of Intelligent Manufacturing	10	12	14	1404	n/a
KovacsB11 KovacsB11	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for unary resources	Yes	[467]	2011	Constraints An Int. J.	24	4	26	1409	1653
KovacsK11 KovacsK11	A. Kovács, T. Kis	Constraint programming approach to a bilevel scheduling problem	Yes	[469]	2011	Constraints An Int. J.	24	3	24	1410	1654
LiuW11 LiuW11	S. Liu, C. Wang	Optimizing project selection and scheduling problems with time-dependent resource constraints	Yes	[514]	2011	Automation in Construction	10	57	35	1425	n/a
ReddyFIBKAJ11 ReddyFIBKAJ11	Sudhakar Y. Reddy, J. Frank, M. Iatauro, Matthew E. Boyce, E. Kürklü, M. Ai-Chang, Ari K. Jónsson	Planning solar array operations on the international space station	Yes	[679]	2011	ACM Trans. Intell. Syst. Technol.	24	3	8	1494	n/a
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[709]	2011	Constraints An Int. J.	23	14	5	1508	1655
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[719]	2011	Constraints An Int. J.	33	57	23	1512	1656
TopaloglуO11 TopaloglуO11	S. Topaloglu, I. Ozkarahan	A constraint programming-based solution approach for medical resident scheduling problems	Yes	[776]	2011	Computers Operations Research	10	46	24	1531	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	[789]	2011	Computers Industrial Engineering	7	11	17	1536	n/a
ZeballosNH11 ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[858]	2011	Computers Chemical Engineering	17	26	29	1557	n/a
BartakCS10 BartakCS10	R. Barták, O. Cepek, P. Surynek	Discovering implied constraints in precedence graphs with alternatives	Yes	[74]	2010	Annals of Operations Research	31	2	9	1278	n/a
BartakSR10 BartakSR10	R. Barták, Miguel A. Salido, F. Rossi	New trends in constraint satisfaction, planning, and scheduling: a survey	Yes	[76]	2010	Knowl. Eng. Rev.	31	28	47	1281	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	[192]	2010	Frontiers of Mechanical Engineering in China	10	2	32	1319	n/a
LiuGT10 LiuGT10	S. Liu, Z. Guo, J. Tang	Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences	No	[513]	2010	Acta Automatica Sinica	null	2	15	No	n/a
LombardiM10a LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[521]	2010	Artificial Intelligence	30	8	24	1426	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	[527]	2010	Journal of Scheduling	31	24	41	1430	n/a
LopesCSM10 LopesCSM10	Tony Minoru Tamura Lopes, André A. Ciré, Cid Carvalho de Souza, Arnaldo Vieira Moura	A hybrid model for a multiproduct pipeline planning and scheduling problem	Yes	[528]	2010	Constraints An Int. J.	39	31	18	1431	1657
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[616]	2010	Computers Chemical Engineering	20	48	19	1469	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	[637]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1477	n/a
Zeballos10 Zeballos10	L. Zeballos	A constraint programming approach to tool allocation and production scheduling in flexible manufacturing systems	Yes	[853]	2010	Robotics and Computer-Integrated Manufacturing	19	41	16	1554	n/a
ZeballosCM10 ZeballosCM10	Luis J. Zeballos, Pedro M. Castro, Carlos A. Méndez	Integrated Constraint Programming Scheduling Approach for Automated Wet-Etch Stations in Semiconductor Manufacturing	Yes	[856]	2010	Industrial Engineering Chemistry Research	11	22	30	1555	n/a

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ZeballosQH10 ZeballosQH10	L. Zeballos, O. Quiroga, Gabriela P. Henning	A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations	Yes	[855]	2010	Eng. Appl. Artif. Intell.	20	33	28	1558	n/a
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[124]	2009	Journal of Scheduling	30	58	20	1298	n/a
BocewiczBB09 BocewiczBB09	G. Bocewicz, I. Bach, Zbigniew Antoni Banaszak	Logic-algebraic method based and constraints programming driven approach to AGVs scheduling	Yes	[131]	2009	Int. J. Intell. Inf. Database Syst.	19	0	0	1302	n/a
CarchraeB09 CarchraeB09	T. Carchrae, J. Christopher Beck	Principles for the Design of Large Neighborhood Search	Yes	[173]	2009	Journal of Mathematical Modelling and Algorithms	26	16	19	1315	n/a
GarridoAO09 GarridoAO09	A. Garrido, M. Arangú, E. Onaindia	A constraint programming formulation for planning: from plan scheduling to plan generation	Yes	[302]	2009	Journal of Scheduling	30	5	14	1349	n/a
Jans09 Jans09	R. Jans	Solving Lot-Sizing Problems on Parallel Identical Machines Using Symmetry-Breaking Constraints	Yes	[426]	2009	INFORMS Journal on Computing	24	59	73	1397	n/a
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[574]	2009	Annals of Operations Research	40	34	46	1451	n/a
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[628]	2009	Constraints An Int. J.	35	127	15	1474	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	[700]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1503	n/a
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[838]	2009	Computers Operations Research	9	42	5	1547	n/a
ZeballosM09 ZeballosM09	Luis J. Zeballos, Carlos A. Méndez	An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants	No	[857]	2009	Industrial Engineering Chemistry Research	null	7	14	No	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[655]	2009	CoRR	12	0	0	1564	n/a
BartakSR08 BartakSR08	R. Barták, Miguel A. Salido, F. Rossi	Constraint satisfaction techniques in planning and scheduling	Yes	[80]	2008	Journal of Intelligent Manufacturing	11	54	21	1280	n/a
ClautiauxJCM08 ClautiauxJCM08	F. Clautiaux, A. Jouglet, J. Carlier, A. Moukrim	A new constraint programming approach for the orthogonal packing problem	Yes	[200]	2008	Computers Operations Research	16	64	14	1321	n/a
GarridoOS08 GarridoOS08	A. Garrido, E. Onaindia, Óscar Sapena	Planning and scheduling in an e-learning environment. A constraint-programming-based approach	Yes	[303]	2008	Eng. Appl. Artif. Intell.	11	22	7	1350	n/a
HladikCDJ08 HladikCDJ08	P. Hladik, H. Cambazard, A. Déplanche, N. Jussien	Solving a real-time allocation problem with constraint programming	Yes	[397]	2008	Journal of Systems and Software	18	36	27	1384	n/a
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[466]	2008	Eng. Appl. Artif. Intell.	7	5	14	1408	n/a
LiW08 LiW08	H. Li, K. Womer	Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm	Yes	[500]	2008	Journal of Scheduling	18	113	31	1422	n/a
LiessM08 LiessM08	O. Liess, P. Michelon	A constraint programming approach for the resource-constrained project scheduling problem	Yes	[503]	2008	Annals of Operations Research	12	22	14	1423	n/a
MalikMB08 MalikMB08	Abid M. Malik, J. McInnes, Peter van Beek	Optimal Basic Block Instruction Scheduling for Multiple-Issue Processors Using Constraint Programming	Yes	[551]	2008	Int. J. Artif. Intell. Tools	18	15	8	1437	n/a
MercierH08 MercierH08	L. Mercier, Pascal Van Hentenryck	Edge Finding for Cumulative Scheduling	Yes	[567]	2008	INFORMS Journal on Computing	21	32	5	1449	n/a
ArtiguesF07 ArtiguesF07	C. Artigues, D. Feillet	A branch and bound method for the job-shop problem with sequence-dependent setup times	Yes	[42]	2007	Annals of Operations Research	25	49	32	1265	n/a

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Beck07 Beck07	J. Christopher Beck	Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling	Yes	[84]	2007	J. Artif. Intell. Res.	29	34	0	1282	n/a
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[99]	2007	J. Artif. Intell. Res.	50	27	0	1289	n/a
CorreaLR07 CorreaLR07	Ayoub Insa Corréa, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[209]	2007	Computers Operations Research	20	106	20	1325	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[407]	2007	Operations Research	29	181	19	1387	n/a
MercierH07 MercierH07	L. Mercier, Pascal Van Hentenryck	Strong polynomiality of resource constraint propagation	Yes	[568]	2007	Discrete Optimization	27	5	8	1448	n/a
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[689]	2007	Transportation Research Part B: Methodological	15	117	6	1497	n/a
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[739]	2007	Constraints An Int. J.	30	10	17	1518	1658
BockmayrP06 BockmayrP06	A. Bockmayr, N. Pisaruk	Detecting infeasibility and generating cuts for mixed integer programming using constraint programming	Yes	[134]	2006	Computers Operations Research	10	12	7	1303	n/a
Gronkvist06 Gronkvist06	M. Grönkvist	Accelerating column generation for aircraft scheduling using constraint propagation	Yes	[347]	2006	Computers Operations Research	17	28	15	1361	n/a
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[405]	2006	Constraints An Int. J.	19	19	13	1386	1659
KhayatLR06 KhayatLR06	Ghada El Khayat, A. Langevin, D. Riopel	Integrated production and material handling scheduling using mathematical programming and constraint programming	Yes	[449]	2006	European Journal of Operational Research	15	84	14	1405	n/a
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[573]	2006	4OR	45	18	46	1450	n/a
SadykovW06 SadykovW06	R. Sadykov, Laurence A. Wolsey	Integer Programming and Constraint Programming in Solving a Multimachine Assignment Scheduling Problem with Deadlines and Release Dates	Yes	[704]	2006	INFORMS Journal on Computing	9	45	6	1506	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	[752]	2006	Int. J. Parallel Emergent Distributed Syst.	19	12	23	1524	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	[231]	2005	INFORMS Journal on Computing	18	43	25	1329	n/a
Hooker05 Hooker05	John N. Hooker	A Hybrid Method for the Planning and Scheduling	Yes	[402]	2005	Constraints An Int. J.	17	68	11	1385	1660
RoePS05 RoePS05	B. Roe, Lazaros G. Papageorgiou, N. Shah	A hybrid MILP/CLP algorithm for multipurpose batch process scheduling	Yes	[693]	2005	Computers Chemical Engineering	15	48	15	1499	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	[811]	2005	Constraints An Int. J.	23	21	5	1540	1661
ZeballosH05 ZeballosH05	L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources	Yes	[854]	2005	Inteligencia Artif.	10	0	0	1556	n/a
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	Yes	[552]	2004	Computers Chemical Engineering	29	116	24	1438	n/a
OkanoDTRYA04 OkanoDTRYA04	H. Okano, Andrew J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano	Finishing Line Scheduling in the steel industry	No	[629]	2004	IBM J. Res. Dev.	20	19	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	[659]	2004	European Journal of Operational Research	16	7	8	1486	n/a
BeckR03 BeckR03	J. Christopher Beck, P. Refalo	A Hybrid Approach to Scheduling with Earliness and Tardiness Costs	Yes	[96]	2003	Annals of Operations Research	23	29	0	1288	n/a

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HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[412]	2003	Mathematical Programming	28	317	0	1389	n/a
Kuchcinski03 Kuchcinski03	K. Kuchcinski	Constraints-driven scheduling and resource assignment	Yes	[477]	2003	ACM Transactions on Design Automation of Electronic Systems	29	105	15	1414	n/a
KuchcinskiW03 KuchcinskiW03	K. Kuchcinski, C. Wolinski	Global approach to assignment and scheduling of complex behaviors based on HCDG and constraint programming	Yes	[478]	2003	J. Syst. Archit.	15	19	18	1415	n/a
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[481]	2003	Artificial Intelligence	38	128	10	1416	n/a
Tsang03 Tsang03	Edward P. K. Tsang	Constraint Based Scheduling: Applying Constraint Programming to Scheduling Problems	Yes	[790]	2003	Journal of Scheduling	2	1	0	1537	n/a
HarjunkoskiG02 HarjunkoskiG02	I. Harjunkoski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[368]	2002	Computers Chemical Engineering	20	169	11	1374	n/a
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[400]	2002	INFORMS Journal on Computing	null	94	84	No	n/a
JussienL02 JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[432]	2002	Artificial Intelligence	25	88	16	1398	n/a
LorigeonBB02 LorigeonBB02	T. Lorigeon, J. Billaut, J. Bouquard	A dynamic programming algorithm for scheduling jobs in a two-machine open shop with an availability constraint	Yes	[530]	2002	Journal of the Operational Research Society	8	22	0	1433	n/a
MilanoORT02 MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	No	[572]	2002	INFORMS Journal on Computing	null	14	31	No	n/a
RodriguezDG02 RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint programming approach	Yes	[691]	2002	Computers in Railways VIII	10	0	0	1498	n/a
Timpe02 Timpe02	C. Timpe	Solving planning and scheduling problems with combined integer and constraint programming	Yes	[774]	2002	OR Spectrum	18	42	0	1530	n/a
BosiM2001 BosiM2001	F. Bosi, M. Milano	Enhancing CLP branch and bound techniques for scheduling problems	Yes	[150]	2001	Software: Practice and Experience	26	3	12	1308	n/a
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[425]	2001	INFORMS Journal on Computing	19	279	23	1395	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	[556]	2001	Annals of Operations Research	17	11	0	1440	n/a
Mason01 Mason01	Andrew J. Mason	Elastic Constraint Branching, the Wedelin/Carmen Lagrangian Heuristic and Integer Programming for Personnel Scheduling	Yes	[558]	2001	Annals of Operations Research	38	5	0	1441	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	[46]	2000	European Journal of Operational Research	20	84	3	1268	n/a
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[66]	2000	Constraints An Int. J.	21	46	0	1276	1662
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[94]	2000	Artificial Intelligence	51	24	19	1284	n/a
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	Yes	[93]	2000	Artificial Intelligence	40	48	10	1285	n/a
BruckerK00 BruckerK00	P. Brucker, S. Knust	A linear programming and constraint propagation-based lower bound for the RCPSP	Yes	[161]	2000	European Journal of Operational Research	8	66	8	1311	n/a

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Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Dorndorf2000 Dorndorf2000	U. Dorndorf, E. Pesch, T. Phan-Huy	Constraint propagation techniques for the disjunctive scheduling problem	Yes	[247]	2000	Artificial Intelligence	52	47	33	1331	n/a
HarjunkoskiJG00 HarjunkoskiJG00	I. Harjunkoski, V. Jain, Ignacio E. Grossman	Hybrid mixed-integer/constraint logic programming strategies for solving scheduling and combinatorial optimization problems	Yes	[369]	2000	Computers Chemical Engineering	7	44	3	1375	n/a
HeipckeCCS00 HeipckeCCS00	S. Heipcke, Y. Colombani, Cristina C. B. Cavalcante, Cid C. de Souza	Scheduling under Labour Resource Constraints	Yes	[389]	2000	Constraints An Int. J.	8	5	0	1383	1663
HookerOTK00 HookerOTK00	John N. Hooker, G. Ottosson, Erlender S. Thorsteinsson, H. Kim	A scheme for unifying optimization and constraint satisfaction methods	Yes	[413]	2000	The Knowledge Engineering Review	20	30	0	1391	n/a
KorbaaYG00 KorbaaYG00	O. Korbaa, P. Yim, J. Gentina	Solving Transient Scheduling Problems with Constraint Programming	Yes	[462]	2000	Eur. J. Control	10	7	4	1407	n/a
LopezAKYG00 LopezAKYG00	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	Yes	[529]	2000	Eur. J. Control	4	0	0	1432	n/a
SakkoutW00 SakkoutW00	Hani El Sakkout, Mark G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[706]	2000	Constraints An Int. J.	30	73	0	1507	1664
SchildW00 SchildW00	K. Schild, J. Würtz	Scheduling of Time-Triggered Real-Time Systems	Yes	[710]	2000	Constraints An Int. J.	23	23	0	1509	1665
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[740]	2000	IEEE Intell. Syst.	7	11	5	1519	n/a
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[745]	2000	INFORMS Journal on Computing	12	7	14	1521	n/a
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[778]	2000	European Journal of Operational Research	12	26	13	1532	n/a
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[64]	1999	Annals of Operations Research	29	72	0	1277	n/a
BensanaLV99 BensanaLV99	E. Bensana, M. Lemaître, G. Verfaillie	Earth Observation Satellite Management	Yes	[121]	1999	Constraints An Int. J.	7	99	0	1297	1666
HookerO99 HookerO99	John N. Hooker, M. Osorio	Mixed logical-linear programming	Yes	[411]	1999	Discrete Applied Mathematics	48	92	48	1390	n/a
JainM99 JainM99	A. Jain, S. Meeran	Deterministic job-shop scheduling: Past, present and future	Yes	[424]	1999	European Journal of Operational Research	45	490	150	1396	n/a
PesantGPR99 PesantGPR99	G. Pesant, M. Gendreau, J. Potvin, J. Rousseau	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem	Yes	[652]	1999	European Journal of Operational Research	11	26	18	1485	n/a
RodosekWH99 RodosekWH99	R. Rodosek, Mark G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	Yes	[688]	1999	Annals of Operations Research	25	53	0	1496	n/a
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	Yes	[86]	1998	Journal of Scheduling	37	9	0	1283	n/a
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[91]	1998	AI Mag.	30	0	0	1286	n/a
BelhadjiI98 BelhadjiI98	S. Belhadji, A. Isli	Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving	Yes	[110]	1998	Constraints An Int. J.	9	3	0	1294	1667
BockmayrK98 BockmayrK98	A. Bockmayr, T. Kasper	Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming	No	[133]	1998	INFORMS Journal on Computing	null	79	27	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	[216]	1998	INFORMS Journal on Computing	null	28	6	No	n/a
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[622]	1998	J. Heuristics	16	42	0	1473	n/a

Table 5: Works from bibtex (Total 364)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[644]	1998	Constraints An Int. J.	25	14	0	1482	1668
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	[217]	1997	Constraints An Int. J.	20	28	5	1327	1669
FalaschiGMP97 FalaschiGMP97	M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi	Constraint Logic Programming with Dynamic Scheduling: A Semantics Based on Closure Operators	Yes	[274]	1997	Inf. Comput.	27	10	9	1342	n/a
LammaMM97 LammaMM97	E. Lamma, P. Mello, M. Milano	A distributed constraint-based scheduler	Yes	[490]	1997	Artif. Intell. Eng.	15	11	7	1420	n/a
PintoG97 PintoG97	Jose M. Pinto, Ignacio E. Grossmann	A logic-based approach to scheduling problems with resource constraints	No	[657]	1997	Computers Chemical Engineering	18	56	12	No	n/a
Zhou97 Zhou97	J. Zhou	A Permutation-Based Approach for Solving the Job-Shop Problem	Yes	[866]	1997	Constraints An Int. J.	29	14	0	1561	1670
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[165]	1996	European Journal of Operational Research	33	344	127	1299	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[621]	1996	European Journal of Operational Research	16	65	6	1472	n/a
PeschT96 PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[654]	1996	INFORMS Journal on Computing	null	22	0	No	n/a
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	Yes	[702]	1996	Artificial Intelligence	41	95	17	1505	n/a
SmithBHW96 SmithBHW96	Barbara M. Smith, Sally C. Brailsford, Peter M. Hubbard, H. Paul Williams	The progressive party problem: Integer linear programming and constraint programming compared	Yes	[743]	1996	Constraints An Int. J.	20	56	4	1520	n/a
Wallace96 Wallace96	Mark G. Wallace	Practical Applications of Constraint Programming	Yes	[816]	1996	Constraints An Int. J.	30	87	55	1542	1671
WeilHFP95 WeilHFP95	G. Weil, K. Heus, P. Francois, M. Poujade	Constraint programming for nurse scheduling	Yes	[826]	1995	IEEE Engineering in Medicine and Biology Magazine	6	56	9	1545	n/a
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[108]	1994	Mathematical and Computer Modelling	27	167	8	1292	n/a
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[641]	1994	Intelligent Systems Engineering	34	98	0	1483	n/a
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[12]	1993	Mathematical and Computer Modelling	17	187	11	1259	n/a
MintonJPL92 MintonJPL92	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems	No	[576]	1992	Artificial Intelligence	null	437	13	No	n/a
Tay92 Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	No	[764]	1992	Comput. J.	null	0	0	No	n/a
DincbasSH90 DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[241]	1990	The Journal of Logic Programming	19	86	9	1330	n/a
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	Yes	[220]	1987	Artificial Intelligence	51	308	21	1328	n/a

3.2 Extracted Concepts

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AbohashimaEG21 [3]	14	setup-time, machine, multi-objective, scheduling, order, stochastic, CP, resource, explanation, cmax, transportation	parallel machine	cycle	Python	Gurobi			real-world, generated instance, github	genetic algorithm, ant colony, memetic algorithm, machine learning, meta heuristic	951	1608
AbreuAPNM21 [221]	21	multi-objective, make-span, open-shop, order, machine, preempt, multi-agent, breakdown, cmax, tardiness, periodic, scheduling, no-wait, job-shop, distributed, job, resource, order scheduling, release-date, preemptive, completion-time, setup-time, CP, task, stochastic, constraint programming, precedence, flow-shop	parallel machine, OSSP, single machine, Open Shop Scheduling Problem	cycle, noOverlap	Python, C++	Cplex	medical, patient, automotive	oil industry	generated instance, benchmark, real-world	mat heuristic, meta heuristic, genetic algorithm, simulated annealing, particle swarm, large neighborhood search	952	n/a
AbreuN22 [222]	20	CP, make-span, flow-time, distributed, resource, batch process, cmax, preemptive, order, tardiness, scheduling, multi-objective, completion-time, machine, job, task, no-wait, open-shop, transportation, stochastic, constraint programming, job-shop, flow-shop, bi-objective, preempt, inventory, setup-time	OSSP, single machine, Open Shop Scheduling Problem	cumulative, noOverlap, cycle	Python	Cplex	medical	chips industry	real-world, benchmark	meta heuristic, simulated annealing, mat heuristic, large neighborhood search, Lagrangian relaxation, ant colony, particle swarm, genetic algorithm	924	1599
AbreuNP23 [223]	20	order, completion-time, distributed, job-shop, resource, job, preempt, setup-time, no-wait, scheduling, make-span, tardiness, earliness, two-machine scheduling, energy efficiency, flow-shop, cmax, CP, machine, blocking constraint, stochastic, constraint programming, transportation, open-shop	OSSP, parallel machine, Open Shop Scheduling Problem	noOverlap, Blocking constraint	Python	Cplex, OPL	medical	oil industry	real-world, benchmark	genetic algorithm, mat heuristic, meta heuristic, simulated annealing, timetabling, large neighborhood search	892	1579

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AbreuPNF23 [4]	12	distributed, preemptive, job-shop, due-date, no-wait, flow-shop, constraint programming, completion-time, CP, stochastic, sustainability, setup-time, open-shop, order, order scheduling, multi-objective, transportation, bi-objective, job, scheduling, machine, make-span, periodic, tardiness, earliness, preempt, resource	RCPSP, parallel machine, OSSP, Open Shop Scheduling Problem	cumulative, disjunctive, noOverlap	Python	Cplex, OPL	medical, robot		real-life, benchmark, real-world	lazy clause generation, meta heuristic, ant colony, NEH, large neighborhood search, mat heuristic, simulated annealing, genetic algorithm	893	n/a
Adelgren2023 [10]	12	setup-time, preempt, order, inventory, distributed, CP, resource, task, constraint programming, preemptive, release-date, sequence dependent setup, job-shop, transportation, periodic, batch process, completion-time, scheduling, machine, job, re-scheduling, make-span	parallel machine	disjunctive		Gurobi, Cplex	drone, crew-scheduling, aircraft, operating room, pipeline		benchmark, real-life, github, generated instance, supplementary material	MINLP, column generation	894	1580
AfsarVPG23 [11]	14	transportation, bi-objective, job, constraint programming, precedence, stochastic, task, setup-time, machine, multi-objective, scheduling, preempt, make-span, resource, job-shop, due-date, activity, flow-shop, completion-time, CP, open-shop, order		disjunctive		Cplex			benchmark, real-life, supplementary material, real-world	reinforcement learning, genetic algorithm, meta heuristic, memetic algorithm, neural network, particle swarm	895	1581
AggounB93 [12]	17	job-shop, resource, order, activity, constraint satisfaction, scheduling, task, constraint logic programming, job, due-date, flow-shop, machine, precedence, CLP		Cardinality constraint, circuit, Arithmetic constraint, disjunctive, Disjunctive constraint, bin-packing, Among constraint, cumulative	Prolog	CHIP, OPL	perfect-square, rectangle-packing		real-world	simulated annealing	1247	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AkramNHRSA23 [18]	16	CP, resource, task, constraint programming, periodic, completion-time, scheduling, machine, preempt, order, distributed		cycle, bin-packing	Python	OR-Tools	agriculture, medical		benchmark	genetic algorithm, reinforcement learning, machine learning, deep learning, GRASP, ant colony, simulated annealing	896	1582
AlesioBNG15 [22]	37	multi-objective, open-shop, order, machine, preempt, periodic, scheduling, resource, job-shop, distributed, constraint optimization, job, activity, constraint programming, preemptive, completion-time, CP, task				Cplex, Ilog Solver, OPL	aircraft, satellite, telescope, automotive		benchmark, industrial partner	meta heuristic, genetic algorithm, Lagrangian relaxation, memetic algorithm	1064	n/a
AlfieriGPS23 [23]	13	stochastic, constraint programming, flow-time, completion-time, precedence, earliness, scheduling, machine, transportation, tardiness, make-span, inventory, flow-shop, job, CP, Benders Decomposition, multi-objective, setup-time, single-machine scheduling, order, distributed, no-wait, job-shop, resource	single machine, parallel machine		Java	Cplex	surgery, patient		benchmark	NEH, memetic algorithm, ant colony, meta heuristic, mat heuristic, particle swarm	898	n/a
AntunesABD20 [28]	31	precedence, earliness, scheduling, transportation, periodic, planned maintenance, activity, due-date, re-scheduling, CP, Benders Decomposition, COP, order, distributed, lateness, stochastic, task, constraint programming		bin-packing		Cplex	workforce scheduling, maintenance scheduling	electricity industry	real-world, industrial partner	column generation, genetic algorithm, meta heuristic	972	n/a
ArkhipovBL19 [35]	10	cmax, task, constraint programming, preemptive, completion-time, release-date, precedence, job-shop, constraint satisfaction, scheduling, machine, job, CP, make-span, preempt, order, lateness, resource	parallel machine, Resource-constrained Project Scheduling Problem, psplib, RCPSP	cycle, Cumulatives constraint, cumulative, disjunctive		Z3			benchmark	sweep, timetabling	998	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ArtiguesF07 [42]	25	constraint satisfaction, constraint programming, precedence, batch process, sequence dependent setup, make-span, order, machine, preempt, cmax, tardiness, scheduling, resource, job-shop, job, preemptive, completion-time, setup-time, one-machine scheduling, CP	single machine, Resource-constrained Project Scheduling Problem	cycle, disjunctive, Disjunctive constraint	C++	Ilog Scheduler	semiconductor		benchmark	large neighborhood search, meta heuristic, edge-finding, genetic algorithm	1164	n/a
ArtiguesL14 [44]	17	task, constraint programming, precedence, make-span, order, preempt, scheduling, re-scheduling, resource, due-date, CSP, transportation, activity, release-date, preemptive, CP	CECSP, CuSP, RCPSP	cumulative						energetic reasoning, lazy clause generation, column generation	1077	n/a
ArtiguesLH13 [45]	11	setup-time, preempt, order, CP, resource, task, constraint programming, preemptive, release-date, precedence, periodic, CSP, tardiness, activity, completion-time, constraint satisfaction, due-date, scheduling, machine, job, make-span, unavailability	CuSP, PMSP, parallel machine, single machine	circuit, cumulative	C++	Cplex, OPL	electroplating hoist		real-world	energetic reasoning, column generation	1089	n/a
ArtiguesR00 [46]	20	no preempt, lateness, precedence, make-span, order, machine, preempt, cmax, scheduling, re-scheduling, resource, due-date, job-shop, transportation, job, activity, release-date, completion-time, setup-time, earliness, CP	RCMPSP, RCPSP	cumulative, cycle, disjunctive						simulated annealing	1204	n/a
AstrandJZ20 [51]	13	task, stochastic, constraint satisfaction, constraint programming, precedence, flow-shop, make-span, order, completion-time, machine, CP, breakdown, periodic, re-scheduling, unavailability, due-date, open-shop, net present value, job, activity, scheduling, resource, CSP, job-shop, setup-time	parallel machine, Resource-constrained Project Scheduling Problem	disjunctive, cycle, alldifferent, Disjunctive constraint	C++	Gecode	robot	potash industry, mineral industry, mining industry	benchmark, real-world, real-life	large neighborhood search, meta heuristic, genetic algorithm	973	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
AwadMDMT22 [52]	22	order, cmax, tardiness, earliness, scheduling, preempt, task, machine, make-span, preemptive, job-shop, due-date, activity, no-wait, flow-shop, completion-time, lateness, CP, inventory, batch process, resource, breakdown, job, constraint programming, precedence, release-date, stochastic, setup-time	parallel machine	cumulative, disjunctive, span constraint, noOverlap, endBeforeStart, cycle, alternative constraint, alwaysIn		OPL, Cplex	crew-scheduling	pharmaceutica industry	real-life, benchmark	simulated annealing, meta heuristic, genetic algorithm	925	n/a
BadicaBI20 [53]	17	constraint programming, precedence, scheduling, task, CLP, machine, make-span, constraint logic programming, manpower, constraint satisfaction, resource, distributed, activity, completion-time, CP, stochastic, order	psplib, Resource-constrained Project Scheduling Problem	bin-packing, Reified constraint, Arithmetic constraint, cycle	Prolog	Gecode, ECLiPSe	business process		benchmark, real-world	meta heuristic	974	n/a
BajestaniB13 [56]	36	scheduling, machine, transportation, tardiness, make-span, setup-time, preempt, single-machine scheduling, inventory, due-date, job, re-scheduling, CP, Benders Decomposition, stochastic, breakdown, constraint programming, order, preemptive, precedence, earliness, Logic-Based Benders Decomposition, job-shop, resource, periodic, CSP, reactive scheduling	single machine, parallel machine	GCC constraint, alwaysIn, circuit, IloPulse, Cardinality constraint, cumulative, IloAlwaysIn		Cplex	railway, maintenance scheduling, aircraft			meta heuristic, reinforcement learning, machine learning	1090	n/a
BajestaniB15 [57]	16	completion-time, scheduling, machine, tardiness, make-span, unavailability, planned maintenance, activity, setup-time, preempt, single-machine scheduling, due-date, distributed, flow-shop, job, CP, Benders Decomposition, stochastic, breakdown, constraint programming, flow-time, order, preemptive, precedence, sequence dependent setup, Logic-Based Benders Decomposition, job-shop, resource, periodic	single machine	circuit, disjunctive, cumulative, Disjunctive constraint		Cplex	railway, robot, semiconductor, maintenance scheduling	semiconductor industry	real-world	genetic algorithm, meta heuristic	1065	n/a
BandaSC11 [225]	18	precedence, constraint optimization, CSP, CP, constraint programming, order, scheduling, task				Ilog Solver			benchmark, CSPlib, random instance		1112	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BaptisteB18 [62]	10	machine, preempt, CP, scheduling, manpower, job, resource, preemptive, task, constraint satisfaction, constraint programming, precedence, make-span, order	psplib, Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	cumulative, bin-packing		CHIP				lazy clause genera-tion, time-tabling, edge-finding, edge-finder, Lagrangian relaxation	1019	n/a
BaptisteP00 [66]	21	preempt, CP, cmax, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order	RCPSP	cumulative, Disjunctive constraint, disjunctive	C++	Claire, CHIP, Ilog Scheduler			benchmark	energetic reason-ing, edge-finding, edge-finder	1205	1662
BaptistePN99 [64]	29	cmax, task, constraint programming, preemptive, release-date, precedence, CLP, activity, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, CP, make-span, setup-time, preempt, order, job-shop, resource	Resource-constrained Project Scheduling Problem, CuSP, RCPSP	cumulative, dis-junctive	C++	Claire			benchmark, real-life	energetic reasoning, edge-finding	1220	n/a
BartakCS10 [74]	31	scheduling, constraint satisfaction, job-shop, activity, flow-shop, CP, resource, job, CSP, precedence, task, setup-time, machine, order	RCPSP	disjunctive	Prolog	SICStus			real-life, real-world, bench-mark		1131	n/a
BartakS11 [75]	5	CSP, multi-agent, CP, distributed, constraint programming, resource, constraint optimization, order, constraint satisfaction, scheduling, task, COP, explanation	Resource-constrained Project Scheduling Problem	cumulative		OPL		software in-dustry	random in-stance, real-world, real-life		1113	1652
BartakSR08 [80]	11	job, constraint programming, CSP, precedence, release-date, stochastic, task, machine, order, cmax, tardiness, lateness, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, activity, flow-shop, completion-time, CP, open-shop, resource	single ma-chine	Disjunctive con-straint, cumula-tive, disjunctive			robot		real-life, real-world	not-last, meta heuris-tic, edge-finding, not-first	1155	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BartakSR10 [76]	31	job, constraint programming, CSP, precedence, release-date, stochastic, task, CLP, machine, temporal constraint reasoning, order, cmax, tardiness, lateness, multi-agent, scheduling, preempt, make-span, constraint satisfaction, distributed, preemptive, job-shop, due-date, activity, flow-shop, explanation, completion-time, CP, open-shop, resource	single machine, TCSP, Temporal Constraint Satisfaction Problem	Disjunctive constraint, cumulative, disjunctive		CPO, Choco Solver, OPL	meeting scheduling, robot		real-life, real-world	sweep, machine learning, not-last, meta heuristic, edge-finding, not-first	1132	n/a
Beck07 [84]	29	order, explanation, CP, tardiness, activity, flow-shop, precedence, resource, job, stochastic, scheduling, machine, job-shop, constraint programming, periodic, constraint satisfaction, make-span		disjunctive, Disjunctive constraint		Ilog Scheduler			benchmark	systematic local search, machine learning, meta heuristic, genetic algorithm	1165	n/a
BeckDDF98 [86]	37	activity, constraint satisfaction, breakdown, release-date, scheduling, make-span, distributed, task, COP, job, due-date, preempt, precedence, tardiness, flow-time, reactive scheduling, earliness, preemptive, CSP, multi-agent, CP, machine, lateness, re-scheduling, stochastic, inventory, constraint programming, job-shop, resource, transportation, constraint optimization, CLP, order	single machine	cumulative, disjunctive	Prolog, C	OPL	robot, telescope		real-world	edge-finding, column generation, simulated annealing, genetic algorithm	1226	n/a
BeckF00 [94]	51	precedence, CLP, job-shop, constraint programming, explanation, due-date, preempt, release-date, task, stochastic, make-span, transportation, CSP, preemptive, reactive scheduling, machine, activity, inventory, resource, constraint satisfaction, job, order, scheduling, CP	single machine	disjunctive, cumulative, Disjunctive constraint, Cardinality constraint			robot		real-world, benchmark	not-last, not-first, edge-finding	1206	n/a
BeckF00a [93]	40	constraint programming, job-shop, constraint satisfaction, stochastic, CSP, activity, CP, make-span, explanation, distributed, resource, precedence, re-scheduling, order, CLP, scheduling, machine, job, task		disjunctive, Disjunctive constraint, cumulative		Ilog Solver, Ilog Scheduler	robot		real-world	not-last, not-first, edge-finding	1207	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BeckF98 [91]	30	precedence, CLP, job-shop, explanation, due-date, preempt, re-scheduling, release-date, task, tardiness, make-span, CSP, preemptive, machine, multi-agent, activity, COP, distributed, inventory, resource, constraint satisfaction, job, order, scheduling, CP	single machine	disjunctive, circuit, cumulative	Prolog		robot, business process		real-world, benchmark	deep learning, machine learning, simulated annealing, genetic algorithm, column generation, edge-finding	1227	n/a
BeckFW11 [90]	14	cmax, breakdown, constraint programming, job-shop, constraint satisfaction, preempt, periodic, CP, make-span, explanation, resource, precedence, order, scheduling, completion-time, machine, job		disjunctive, table constraint, cumulative	C++	Ilog Scheduler			benchmark, real-world	machine learning, meta heuristic, simulated annealing, reinforcement learning	1114	n/a
BeckR03 [96]	23	job-shop, constraint programming, explanation, due-date, re-scheduling, completion-time, earliness, release-date, constraint logic programming, tardiness, make-span, flow-time, machine, activity, breakdown, inventory, flow-shop, resource, constraint satisfaction, job, order, scheduling, CP, precedence		disjunctive		Ilog Scheduler, Ilog Solver, Cplex	hoist		benchmark	genetic algorithm, column generation, edge-finder	1187	n/a
BeckW07 [99]	50	job-shop, constraint programming, explanation, multi-objective, preempt, re-scheduling, no preempt, task, tardiness, stochastic, make-span, flow-time, reactive scheduling, machine, activity, distributed, flow-shop, resource, job, order, constraint optimization, scheduling, CP, precedence	RCPSP, single machine, Resource-constrained Project Scheduling Problem	Balance constraint		Ilog Scheduler	robot, telescope		benchmark	column generation, edge-finder, edge-finding	1166	n/a
Bedhief21 [100]	7	preempt, setup-time, no-wait, scheduling, make-span, sequence dependent setup, due-date, flow-shop, machine, tardiness, constraint programming, completion-time, release-date, CP, no preempt, transportation, job, order	single machine, parallel machine, HFS	noOverlap		Cplex, OPL	robot, medical		real-life	meta heuristic, genetic algorithm	954	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BegB13 [101]	23	CP, re-scheduling, resource, scheduling, machine, breakdown, constraint programming, task, completion-time, order, distributed	TMS	cycle			pipeline		benchmark		1091	n/a
BeldiceanuC94 [108]	27	task, precedence, CP, scheduling, machine, resource, constraint logic programming, order, completion-time		circuit, Element constraint, Among constraint, Atmost constraint, diffn, Arithmetic constraint, cycle, bin-packing, cumulative, alldifferent	Prolog	CHIP, CPO, OZ, OPL	car manufacturing, pipeline		real-world, benchmark, real-life		1245	n/a
BeldiceanuCDP11 [106]	24	cmax, constraint programming, preemptive, scheduling, preempt, task, CP, resource, order		disjunctive, diffn, bin-packing, geost, cumulative	Prolog	SICStus, CHIP	rectangle-packing, perfect-square		benchmark	sweep, energetic reasoning, edge-finding	1115	n/a
BelhadjiI98 [110]	9	job, scheduling, explanation, resource, due-date, CSP, job-shop, task, precedence, release-date, preemptive, order, machine, preempt, constraint satisfaction	JSSP, Temporal Constraint Satisfaction Problem, TCSP	Disjunctive constraint, disjunctive					real-life		1228	1667
BenediktMH20 [113]	19	task, preemptive, scheduling, machine, sustainability, energy efficiency, job, re-scheduling, CP, preempt, constraint programming, single-machine scheduling, order, job-shop	single machine	noOverlap, endBeforeStart		Gurobi	robot		benchmark, generated instance, random instance, github		976	1613
BeniniLMR11 [119]	27	one-machine scheduling, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, precedence, make-span, order, machine, preempt, tardiness, periodic, scheduling, re-scheduling, resource, CSP, activity, explanation, constraint programming, release-date, energy efficiency, preemptive	SCC, single machine	table constraint, circuit, cumulative		Cplex, Ilog Scheduler	pipeline		real-world, benchmark, instance generator	column generation, machine learning	1116	n/a
BensanaLV99 [121]	7	constraint satisfaction, constraint programming, order, CP, CSP, constraint optimization, explanation		cycle		Ilog Solver, Cplex	satellite, earth observation		benchmark		1221	1666

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BidotVLB09 [124]	30	job-shop, due-date, activity, CP, inventory, order, breakdown, re-scheduling, reactive scheduling, job, constraint programming, precedence, release-date, stochastic, scheduling, task, machine, tardiness, make-span, resource, periodic, distributed	Resource-constrained Project Scheduling Problem, JSSP	cumulative, disjunctive	C++	Ilog Scheduler, OPL	telescope, robot		real-world, real-life	edge-finder, edge-finding	1144	n/a
BlazewiczDP96 [165]	33	CSP, stochastic, due-date, distributed, preempt, make-span, task, precedence, preemptive, flow-shop, CP, no-wait, activity, scheduling, machine, lateness, constraint satisfaction, inventory, job-shop, setup-time, constraint programming, release-date, resource, one-machine scheduling, job, order, completion-time, single-machine scheduling	single machine, parallel machine	disjunctive, cumulative, cycle, Disjunctive constraint		CHIP, OPL	robot		benchmark	neural network, edge-finding, simulated annealing, machine learning, energetic reasoning, Lagrangian relaxation, genetic algorithm	1238	n/a
BlomBPS14 [129]	19	task, net present value, CP, stochastic, transportation, Benders Decomposition, order, distributed, resource, scheduling, precedence		disjunctive		Cplex	offshore	mineral industry	benchmark, industry partner	MINLP	1078	n/a
BlomPS16 [130]	26	activity, CP, distributed, resource, precedence, producer/consumer, batch process, re-scheduling, order, scheduling, machine, task, transportation		disjunctive		Cplex	pipeline, offshore	process industry	industry partner, benchmark	genetic algorithm, Lagrangian relaxation, MINLP	1048	n/a
BocewiczBB09 [131]	19	precedence, scheduling, machine, transportation, periodic, CLP, tardiness, multi-agent, constraint satisfaction, job, CP, order, distributed, job-shop, resource, CSP, constraint logic programming, task, constraint programming, completion-time		cycle			robot			not-last	1145	n/a
BockmayrP06 [134]	10	scheduling, resource, due-date, task, constraint programming, release-date, order, CLP, completion-time, machine, CP		cycle, cumulative		CHIP			real-world		1172	n/a
Bonfietti16 [138]	13	distributed, activity, scheduling, resource, task, constraint programming, precedence, order, CP, periodic		cumulative, disjunctive, circuit	C++		pipeline		benchmark		1049	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BonfiettiLBM14 [141]	28	CSP, constraint satisfaction, precedence, task, buffer-capacity, activity, distributed, machine, scheduling, order, make-span, cyclic scheduling, constraint programming, CP, resource, job, periodic, job-shop	Partial Order Schedule, RCPSP	cycle, circuit, cumulative		Ilog Solver	hoist, medical, pipeline, robot		benchmark, real-world, generated instance, industrial instance	time-tabling, sweep	1079	n/a
BoothTNB16 [148]	8	constraint logic programming, scheduling, task, machine, job-shop, activity, completion-time, CP, resource, job, constraint programming, setup-time, order	parallel machine	noOverlap, Disjunctive constraint, cumulative, disjunctive	C++	OPL, Cplex	robot		real-world, random instance		1050	n/a
BorghesiBLMB18 [149]	13	distributed, scheduling, order, make-span, activity, constraint programming, machine, CP, job, re-scheduling, constraint satisfaction, resource, task		cycle, cumulative			high performance computing, supercomputer		real-life, benchmark	machine learning	1020	n/a
BosiM2001 [150]	26	constraint satisfaction, explanation, single-machine scheduling, scheduling, precedence, make-span, due-date, cmax, CP, machine, constraint programming, CLP, order, release-date, one-machine scheduling, task, job-shop, resource, constraint logic programming, job	single machine	cumulative, Among constraint	Prolog	Ilog Scheduler, CHIP	crew-scheduling		real-life, real-world	meta heuristic, edge-finding	1200	n/a
BourreauGGLT22 [154]	19	re-scheduling, scheduling, order, CP, resource, job, manpower, no-wait, precedence, transportation, constraint programming		disjunctive, alldifferent, diffn, Disjunctive constraint, cycle	C++	Choco Solver, CHIP, Cplex	workforce scheduling, crew-scheduling, maintenance scheduling, nurse	printing industry	real-world, benchmark	large neighborhood search, meta heuristic, column generation, genetic algorithm	926	n/a
BridiBLMB16 [158]	14	energy efficiency, make-span, machine, CP, tardiness, re-scheduling, sustainability, order, distributed, job, scheduling, resource, activity, stochastic, Pareto, constraint programming		circuit, cycle, cumulative			medical, supercomputer		real-world, real-life	large neighborhood search, meta heuristic, genetic algorithm, machine learning	1051	n/a
BruckerK00 [161]	8	make-span, cmax, preempt, resource, no preempt, preemptive, activity, completion-time, precedence, CP, order, release-date, scheduling	RCPSP, Resource-constrained Project Scheduling Problem, psplib			Cplex			benchmark	meta heuristic, column generation	1208	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BukchinR18 [163]	12	scheduling, task, machine, job, constraint programming, precedence, CP, order		cycle, bin-packing		Cplex	robot		benchmark	machine learning, time-tabling	1021	n/a
Caballero23 [167]	1	CP, scheduling, resource	Resource-constrained Project Scheduling Problem, RCPSP								899	1583
CampeauG22 [170]	18	activity, explanation, completion-time, precedence, CP, stochastic, order, job, constraint programming, scheduling, task, make-span, net present value, resource	RCPSP, Resource-constrained Project Scheduling Problem, RCPSPDC	noOverlap, endBeforeStart, cumulative, alwaysIn, cycle	Python	Cplex		mining industry	real-life, real-world	column generation, edge-finding	927	1600
CarchraeB09 [173]	26	make-span, order, machine, tardiness, scheduling, resource, job-shop, job, explanation, constraint programming, earliness, CP, task, constraint satisfaction, precedence		cumulative	C++	Ilog Sched-uler, OPL			benchmark, real-world	reinforcement learn-ing, meta heuristic, machine learning, sweep, large neighbor-hood search	1146	n/a
CarlierPSJ20 [175]	9	scheduling, machine, job, make-span, preempt, order, CP, resource, task, constraint programming, preemptive, release-date, job-shop, cmax	CuSP, RCPSP	cumulative					Roadef	energetic reasoning	977	n/a
CauwelaertDS20 [187]	19	constraint programming, CP, completion-time, resource, job, preemptive, constraint logic programming, job-shop, batch process, sequence dependent setup, precedence, transportation, task, CLP, activity, machine, scheduling, order, make-span, preempt, setup-time		cycle, Cardinal-ity constraint, cumulative, disjunctive	Java		patient, container terminal		real-life, gener-ated instance, benchmark, bitbucket	edge-finding, Lagrangian relaxation, not-last, not-first	978	1614
CauwelaertLS18 [186]	36	CSP, task, activity, machine, scheduling, order, constraint programming, CP, resource, job, constraint logic programming, job-shop	RCPSP, Resource-constrained Project Scheduling Problem, psplib	bin-packing, table constraint, circuit, alldiffer-ent, cumulative, disjunctive, Rei-fied constraint, GCC constraint	Java, Prolog	OPL, Gecode, CHIP			benchmark, bit-bucket	meta heuris-tic, time-tabling, sweep, large neigh-borhood search, not-last, not-first, energetic reasoning, edge-finding	1022	1630

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ChenGPSH10 [192]	10	activity, job, constraint programming, CSP, precedence, Benders Decomposition, stochastic, open-shop, order, re-scheduling, constraint optimization, scheduling, preempt, manpower, task, machine, make-span, constraint satisfaction, job-shop, due-date, completion-time, lateness, COP, CP, producer/consumer, resource, preemptive, transportation	JSSP	Disjunctive constraint, cumulative, disjunctive, diffn, cycle	C++	Ilog Scheduler, Ilog Solver		semiprocess industry, chemistry industry, process industry, chemical industry	real-life	particle swarm, not-last, energetic reasoning, genetic algorithm, time-tabling, neural network	1133	n/a
CireCH16 [199]	12	tardiness, scheduling, constraint programming, Benders Decomposition, constraint satisfaction, task, stochastic, CP, Logic-Based Benders Decomposition, order, make-span, resource, breakdown		cumulative		Cplex				mat heuristic	1052	n/a
ClautiauxJCM08 [200]	16	scheduling, order, preempt, activity, constraint programming, CP, job, preemptive, resource, task		bin-packing, disjunctive, cumulative, Disjunctive constraint	Prolog	Z3, SICStus			benchmark	sweep, energetic reasoning	1156	n/a
CobanH11 [204]	28	stochastic, CP, make-span, constraint logic programming, distributed, resource, due-date, re-scheduling, preemptive, order, CLP, scheduling, completion-time, machine, job, task, release-date, tardiness, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, preempt	single machine	cumulative, circuit, noOverlap		OPL, Cplex			random instance	time-tabling	1117	n/a
ColT2019a [212]	7	constraint programming, open-shop, CLP, order, job-shop, resource, job, constraint satisfaction, scheduling, make-span, earliness, CP, machine	PTC	noOverlap, cumulative	Java	OPL, CPO, MiniZinc, OR-Tools			benchmark, github, real-world	machine learning, genetic algorithm, large neighborhood search	999	1624

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ColT22 [213]	19	setup-time, scheduling, machine, batch process, breakdown, job-shop, constraint programming, task, order, one-machine scheduling, constraint satisfaction, completion-time, constraint logic programming, make-span, no preempt, due-date, COP, distributed, preempt, explanation, preemptive, CLP, multi-objective, open-shop, CP, lateness, CSP, tardiness, transportation, flow-shop, precedence, resource, job	Open Shop Scheduling Problem, FJS, single machine, PMSP, JSSP, OSSP, parallel machine	alldifferent, circuit, cumulative, noOverlap, Arithmetic constraint, disjunctive	C++, Java	OR-Tools, CPO, OPL, MiniZinc, Cplex	robot, semiconductor, oven scheduling		supplementary material, benchmark, generated instance, github, real-life, real-world	machine learning, genetic algorithm, particle swarm, memetic algorithm, simulated annealing, large neighborhood search	929	1601
CorreaLR07 [209]	20	task, machine, make-span, constraint logic programming, constraint satisfaction, Logic-Based Benders Decomposition, constraint programming, precedence, CP, Benders Decomposition, order, transportation, CSP, release-date, scheduling	parallel machine	disjunctive		OPL, Cplex, Choco Solver, Ilog Solver	workforce scheduling, container terminal	heavy industry	real-world	column generation	1167	n/a
CzerniachowskaWZ23 [211	14	periodic, make-span, constraint programming, transportation, flow-shop, activity, task, constraint satisfaction, resource, job-shop, sustainability, multi-objective, scheduling, Pareto, CP, setup-time, machine, order, completion-time, job	JSSP, PTC, parallel machine	endBeforeStart, noOverlap		CPO, OPL, Cplex	robot, automotive	pharmaceutica industry, manufacturing industry, automotive industry	real-world, benchmark, Roadef	meta heuristic, particle swarm	900	n/a
Darby-DowmanLMZ97 [217]	20	constraint logic programming, scheduling, make-span, resource, CLP, CP, order, CSP, constraint programming, machine, task	single machine, MGAP	disjunctive, Element constraint, span constraint, Disjunctive constraint	Prolog	ECLiPSe, Cplex	pipeline, workforce scheduling, aircraft		benchmark, real-life, real-world		1233	1669
Davis87 [220]	51	machine, task, constraint satisfaction, job, order, scheduling, CP		disjunctive, circuit, cycle			robot				1251	n/a
DemasseyAM05 [231]	18	preempt, order, CP, resource, CSP, constraint logic programming, task, constraint programming, preemptive, completion-time, release-date, precedence, job-shop, activity, constraint satisfaction, scheduling, machine, job, make-span	Resource-constrained Project Scheduling Problem, psplib, RCPSP, single machine	cumulative, disjunctive, cycle		Cplex			benchmark	edge-finding, energetic reasoning, Lagrangian relaxation, column generation	1179	n/a
DincbasSH90 [241]	19	job-shop, distributed, job, constraint programming, CLP, constraint logic programming, task, precedence, order, machine, scheduling, resource		Disjunctive constraint, disjunctive, circuit	Prolog	CHIP, OPL			real-life		1250	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Dorndorf2000 [247]	52	explanation, setup-time, preempt, single-machine scheduling, due-date, open-shop, constraint optimization, constraint logic programming, stochastic, breakdown, constraint programming, order, preemptive, precedence, sequence dependent setup, job-shop, resource, CSP, cmax, task, completion-time, constraint satisfaction, scheduling, machine, job, make-span, COP	parallel machine, OSP, Open Shop Scheduling Problem, single machine	disjunctive, cumulative, Disjunctive constraint		Ilog Scheduler				edge-finding, energetic reasoning	1209	n/a
DoulabiRP16 [249]	17	distributed, scheduling, resource, transportation, stochastic, constraint programming, order, machine, CP, single-machine scheduling	single machine	cycle, bin-packing, Element constraint		Cplex, OPL	medical, patient, nurse, operating room, rectangle-packing, surgery, steel mill, crew-scheduling, robot		real-world, generated instance	genetic algorithm, column generation	1053	n/a
Edis21 [250]	20	precedence, resource, job, constraint optimization, stochastic, scheduling, constraint programming, task, order, Pareto, COP, distributed, preempt, preemptive, multi-objective, CP, CSP		disjunctive, cycle		Cplex, Z3, OPL	crew-scheduling, medical, robot		benchmark	MINLP, simulated annealing, meta heuristic, genetic algorithm, particle swarm, ant colony, reinforcement learning	956	n/a
ElciOH22 [255]	21	resource, due-date, order, tardiness, scheduling, Benders Decomposition, job, task, transportation, stochastic, constraint programming, CP, Logic-Based Benders Decomposition, constraint logic programming, make-span, single-machine scheduling, machine, distributed	single machine	cumulative, disjunctive	Julia	Cplex	patient, crew-scheduling, aircraft, operating room, surgery		benchmark, random instance, real-life		930	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EmdeZD22 [260]	30	constraint logic programming, flow-time, distributed, resource, inventory, precedence, batch process, order, machine, job, no-wait, release-date, transportation, tardiness, scheduling, constraint programming, Benders Decomposition, completion-time, constraint satisfaction, task, open-shop, stochastic, job-shop, CP, Logic-Based Benders Decomposition, make-span, single-machine scheduling, bi-objective	single machine, parallel machine	noOverlap, bin-packing	C	Cplex	pipeline, drone, semi-conductor, yard crane, automotive	automotive industry	github, random instance		931	1602
EmeretlisTAV17 [261]	24	stochastic, constraint programming, Logic-Based Benders Decomposition, CP, completion-time, resource, job, re-scheduling, periodic, explanation, sequence dependent setup, precedence, constraint optimization, task, release-date, tardiness, distributed, machine, multi-objective, scheduling, order, make-span, Benders Decomposition, preempt, setup-time		cycle, circuit, disjunctive			pipeline		real-life, generated instance	edge-finding, machine learning, meta heuristic, genetic algorithm	1037	n/a
EscobetPQPRA19 [264]	10	task, release-date, Pareto, activity, distributed, machine, multi-objective, scheduling, order, due-date, reactive scheduling, constraint programming, CP, resource, job, periodic, job-shop, batch process, constraint satisfaction		cycle, alternative constraint, noOverlap, circuit		OPL, Cplex	energy-price, dairy	food industry, manufacturing industry, dairy industry		MINLP, meta heuristic	1001	n/a
EtminaniesfahaniGNMS22	10	order, earliness, cmax, open-shop, resource, CP, preemptive, constraint programming, job, job-shop, preempt, machine, precedence, tardiness, net present value, stochastic, activity, make-span, task, scheduling	RCPSP, Resource-constrained Project Scheduling Problem, psplib, parallel machine		Python	Cplex, OR-Tools	crew-scheduling, aircraft		real-world	lazy clause generation, memetic algorithm, mat heuristic, ant colony, Lagrangian relaxation, meta heuristic, large neighborhood search, particle swarm, genetic algorithm	932	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EvenSH15a [269]	16	distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP		disjunctive, Disjunctive constraint, cumulative	Java	Choco Solver, OPL	emergency service, evacuation		real-world, real-life	ant colony, mat heuristic, meta heuristic, column generation, sweep	1066	n/a
FachiniA20 [270]	18	distributed, Logic-Based Benders Decomposition, CP, resource, transportation, constraint programming, Benders Decomposition, inventory, order, constraint logic programming, scheduling, task, machine	HFF	cycle, cumulative	C	Gurobi, OR-Tools	robot, operating room, satellite		supplementary material, real-world, github, benchmark, real-life	meta heuristic, sweep, large neighborhood search, particle swarm, column generation, mat heuristic, simulated annealing	979	1615
FahimiOQ18 [272]	22	explanation, completion-time, CP, batch process, open-shop, order, job, constraint programming, precedence, scheduling, task, setup-time, machine, make-span, lateness, preempt, sequence dependent setup, constraint satisfaction, resource, distributed, preemptive, job-shop, due-date	Resource-constrained Project Scheduling Problem, psplib, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, alldifferent, Cumulatives constraint		Choco Solver			benchmark, random instance	time-tabling, not-first, sweep, edge-finding, not-last, lazy clause generation	1023	1631
FalaschiGMP97 [274]	27	constraint programming, constraint logic programming, scheduling, CLP, order		Arithmetic constraint	Prolog						1234	n/a
FallahiAC20 [275]	18	resource, COP, transportation, constraint logic programming, task, constraint satisfaction, constraint programming, order, CP, scheduling, CSP, constraint optimization		cycle		OR-Tools	nurse, container terminal, workforce scheduling, robot, medical		real-life, github	Lagrangian relaxation, sweep, simulated annealing, memetic algorithm, large neighborhood search, column generation, neural network, meta heuristic	980	1616

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
FanXG21 [277]	15	tardiness, multi-objective, stochastic, completion-time, no preempt, breakdown, task, flow-shop, resource, make-span, flow-time, job, order, reactive scheduling, batch process, machine, distributed, precedence, setup-time, job-shop, unavailability, due-date, preempt, earliness, one-machine scheduling, scheduling, CP	single machine, parallel machine	cycle	Python, Java	Cplex, ECLiPSe, Gurobi	semiconductor	manufacturing industry	benchmark	simulated annealing, neural network, ant colony, max-flow, machine learning, meta heuristic	957	n/a
FarsiTM22 [278]	14	tardiness, earliness, CP, re-scheduling, stochastic, constraint programming, Benders Decomposition, completion-time, multi-objective, periodic, Logic-Based Benders Decomposition, distributed, task, resource, bi-objective, continuous-process, Pareto, no-wait, scheduling, make-span		alldifferent, circuit		Cplex	physician, nurse, patient, operating room, surgery, robot, medical		supplementary material	time-tabling, ant colony, genetic algorithm, meta heuristic	933	1603
Fatemi-AnarakiTFV23 [279]	15	multi-agent, machine, cmax, resource, no-wait, order, completion-time, scheduling, CP, re-scheduling, distributed, constraint programming, job-shop, single-machine scheduling, breakdown, job, transportation, setup-time, task, cyclic scheduling, make-span	parallel machine, single machine	bin-packing, circuit, cycle, disjunctive	Python	Cplex, OPL	electroplating, COVID, robot, hoist, semiconductor	food industry	random instance, github, real-world	ant colony, mat heuristic, meta heuristic, time-tabling	902	1584
FetgoD22 [281]	32	CP, explanation, constraint optimization, preempt, COP, CSP, make-span, resource, precedence, cmax, order, scheduling, constraint programming, completion-time, constraint satisfaction, task	Resource-constrained Project Scheduling Problem, RCPSP, CuSP	cumulative	Java, Python	CHIP, Choco Solver			real-world, benchmark	not-first, not-last, edge-finding, lazy clause generation, edge-finder, time-tabling, energetic reasoning, sweep	934	n/a
ForbesHJST24 [286]	15	Logic-Based Benders Decomposition, job-shop, constraint satisfaction, scheduling, machine, job, re-scheduling, make-span, order, distributed, CP, resource, Benders Decomposition, constraint logic programming, stochastic, task, constraint programming, release-date		cumulative	Python	Gurobi, OPL	emergency service, surgery, patient, operating room		benchmark, real-life, github	genetic algorithm	888	1576

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GarridoAO09 [302]	30	multi-objective, CP, task, constraint satisfaction, re-scheduling, precedence, make-span, order, scheduling, resource, CSP, explanation, constraint programming		disjunctive	Java	OPL, Choco Solver, CPO			benchmark		1147	n/a
GarridoOS08 [303]	11	scheduling, resource, CSP, activity, explanation, constraint programming, CP, task, constraint satisfaction, make-span, order, machine			Java, C	CPO, Choco Solver			real-world		1157	n/a
GedikKBR17 [309]	18	sequence dependent setup, resource, explanation, constraint programming, CP, setup-time, order, transportation, job, scheduling, task, machine	parallel machine	alternative constraint, cumulative, noOverlap		OR-Tools, Cplex, Gecode	medical, nurse		real-world, benchmark	meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing	1038	n/a
GedikKEK18 [308]	11	resource, preemptive, constraint programming, completion-time, CP, stochastic, setup-time, order, breakdown, multi-objective, transportation, job, scheduling, task, machine, make-span, cmax, due-date, tardiness, preempt, sequence dependent setup	parallel machine, single machine, PMSP	cumulative, noOverlap		Cplex	medical, nurse	manufacturing industry	benchmark	meta heuristic, ant colony, large neighborhood search, column generation, simulated annealing, genetic algorithm	1024	n/a
GoelSHFS15 [327]	12	constraint programming, precedence, inventory, setup-time, order, scheduling, task, unavailability, machine, activity, CP, resource, transportation		cumulative, disjunctive, noOverlap, alwaysEqual constraint, alwaysIn		OPL, Cplex, CPO	pipeline	gas industry, transportation industry		large neighborhood search	1067	n/a
GokPTGO23 [329]	36	order, completion-time, multi-objective, activity, constraint satisfaction, distributed, task, resource, bi-objective, job, setup-time, Pareto, scheduling, precedence, make-span, tardiness, multi-agent, CP, machine, re-scheduling, stochastic, inventory, constraint programming, job-shop, transportation	RCPSP, Resource-constrained Project Scheduling Problem	circuit, alldifferent, disjunctive, cumulative, cycle		OPL	offshore, workforce scheduling, aircraft	airline industry	real-world, github	machine learning, genetic algorithm, meta heuristic, reinforcement learning, large neighborhood search	904	1585

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GokgurHO18 [330]	17	task, setup-time, CLP, machine, order, cmax, tardiness, earliness, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, due-date, activity, flow-shop, explanation, completion-time, CP, resource, transportation, job, constraint programming, CSP, precedence, release-date	parallel machine, single machine	cumulative, disjunctive, alternative constraint, Channeling constraint, Disjunctive constraint		OPL, CHIP	robot, semiconductor		real-life, real-world	mat heuristic, not-last, meta heuristic, edge-finding, energetic reasoning, genetic algorithm, not-first	1025	n/a
GoldwaserS18 [332]	32	constraint programming, order, Logic-Based Benders Decomposition, resource, task, scheduling, machine, transportation, explanation, due-date, flow-shop, CP, Benders Decomposition, constraint optimization		cumulative	Python	Gurobi, CHIP, Gecode, Chuffed	torpedo	steel industry	github, instance generator, benchmark, generated instance	sweep, column generation, lazy clause generation, simulated annealing, time-tabling	1026	1632
GombolayWS18 [334]	20	scheduling, machine, job, re-scheduling, open-shop, make-span, breakdown, setup-time, multi-agent, preempt, order, distributed, flow-shop, CP, resource, Benders Decomposition, task, constraint programming, preemptive, precedence, Logic-Based Benders Decomposition, job-shop, periodic, completion-time, constraint satisfaction	Resource-constrained Project Scheduling Problem, OSP	cumulative, disjunctive	Java	OPL, Gurobi	robot, patient, aircraft, crew-scheduling		real-world, instance generator, benchmark	simulated annealing, genetic algorithm, edge-finding, meta heuristic	1027	n/a
GomesM17 [336]	11	Pareto, CP, Logic-Based Benders Decomposition, inventory, setup-time, make-span, single-machine scheduling, machine, distributed, resource, release-date, due-date, order, tardiness, scheduling, Benders Decomposition, completion-time, job, transportation, stochastic	parallel machine, PMSP, single machine	cycle	C++	Cplex				genetic algorithm, meta heuristic, simulated annealing, Lagrangian relaxation, ant colony	1039	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GrimesH15 [341]	17	job, preempt, flow-shop, setup-time, no-wait, scheduling, precedence, make-span, tardiness, earliness, preemptive, sequence dependent setup, CSP, due-date, batch process, cmax, CP, machine, lateness, constraint programming, job-shop, constraint optimization, open-shop, order, completion-time, constraint satisfaction, release-date, distributed, task, COP, resource	OSP, Open Shop Scheduling Problem, JSSP	noOverlap, disjunctive, IloNoOverlap, cumulative, Balance constraint, endBeforeStart, Disjunctive constraint		Choco Solver, Mistral, Ilog Scheduler, CPO	semiconductor	semiconductor industry	real-world, benchmark	genetic algorithm, not-first, meta heuristic, not-last, simulated annealing, timetabling, large neighborhood search, particle swarm, memetic algorithm, edge-finding	1068	n/a
GrimesIOS14 [343]	16	completion-time, machine, preempt, CP, periodic, re-scheduling, sustainability, due-date, distributed, activity, scheduling, resource, task, stochastic, constraint programming, preemptive, order		disjunctive		Cplex, CHIP	energy-price, real-time pricing, HVAC		real-world, real-life	machine learning	1080	n/a
Gronkvist06 [347]	17	CP, scheduling, CSP, activity, resource, transportation, constraint logic programming, constraint satisfaction, constraint programming, order		cycle, GCC constraint, Cardinality constraint		Ilog Solver, Cplex	aircraft, crew-scheduling, railway		real-world	column generation, Lagrangian relaxation	1173	n/a
GuoZ23 [353]	29	activity, sequence dependent setup, resource, job, setup-time, stochastic, Benders Decomposition, scheduling, inventory, machine, job-shop, constraint programming, task, order, unavailability, make-span, Logic-Based Benders Decomposition, transportation, distributed, constraint optimization, multi-objective, CP	parallel machine	bin-packing, cycle, Balance constraint	Python	Cplex, Gurobi, SCIP, OPL	railway, drone, medical, physician, operating room, patient, vaccine, COVID, automotive	automotive industry, garment industry	real-world, supplementary material, benchmark, github	machine learning, column generation, ant colony	905	1586
GurEA19 [873]	24	order, scheduling, CP, constraint programming, multi-objective, stochastic, re-scheduling, completion-time, Pareto, resource, distributed, job-shop, job				Cplex	medical, surgery, patient, operating room	service industry	real-life	meta heuristic, ant colony, Lagrangian relaxation	1002	n/a
GurPAE23 [354]	25	re-scheduling, order, scheduling, machine, multi-objective, constraint programming, bi-objective, stochastic, CP, distributed, resource, inventory		cumulative		Cplex, OPL	patient, operating room, physician, surgery, nurse, COVID		real-life	neural network, meta heuristic, machine learning	906	1587

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
GuyonLPR12 [355]	25	precedence, CP, Benders Decomposition, order, cmax, release-date, scheduling, preempt, manpower, task, unavailability, machine, make-span, Logic-Based Benders Decomposition, COP, resource, preemptive, job-shop, activity, flow-shop, job, constraint programming, completion-time	parallel machine, single machine	disjunctive, cycle		Cplex	satellite		generated instance, benchmark, instance generator	time-tabling, column generation, Lagrangian relaxation, energetic reasoning	1099	n/a
HachemiGR11 [356]	16	constraint programming, precedence, make-span, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, constraint satisfaction, order, scheduling, explanation, resource, job-shop, transportation, job, activity		GCC constraint, Cardinality constraint, alldifferent, cycle		OPL, Cplex, Ilog Scheduler	forestry, crew-scheduling	food industry, airline industry, forest industry		column generation, meta heuristic	1119	n/a
Ham18 [363]	14	cmax, scheduling, inventory, constraint programming, distributed, constraint satisfaction, CP, CSP, batch process, resource, job, due-date, order, precedence, make-span, machine, transportation, task, completion-time, job-shop, sequence dependent setup	parallel machine	endBeforeStart, cumulative, disjunctive, cycle, noOverlap		Cplex, OPL	semiconductor robot, drone, aircraft	taxi industry		genetic algorithm, meta heuristic	1028	n/a
Ham18a [357]	10	CP, CSP, resource, job, setup-time, scheduling, inventory, machine, batch process, cmax, job-shop, constraint programming, task, order, constraint satisfaction, completion-time, make-span, tardiness, due-date	parallel machine	cycle, noOverlap, alternative constraint, disjunctive, circuit		Cplex, CPO, OPL	semiconductor drone, robot		real-world	meta heuristic	1029	n/a
Ham20a [358]	9	CP, precedence, resource, job, multi-agent, scheduling, inventory, machine, batch process, job-shop, constraint programming, task, order, completion-time, make-span, transportation	parallel machine	cycle, noOverlap, endBeforeStart, cumulative		Cplex, Choco Solver, OPL	semiconductor drone, robot, deep space		benchmark, generated instance	large neighborhood search, machine learning, meta heuristic	983	n/a
HamC16 [364]	6	multi-objective, CP, sequence dependent setup, precedence, resource, job, setup-time, scheduling, machine, batch process, cmax, bi-objective, job-shop, constraint programming, task, order, constraint satisfaction, completion-time, make-span, transportation	FJS	alwaysEqual constraint, cycle, endBeforeStart		Cplex, OPL	semiconductor	pharmaceutical industry	benchmark	particle swarm, meta heuristic, genetic algorithm	1054	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HamFC17 [360]	8	order, batch process, machine, job-shop, preempt, job, scheduling, CP, constraint programming, tardiness, due-date, completion-time, preemptive, inventory, resource, make-span, single-machine scheduling	parallel machine, single machine	cycle, alwaysEqual constraint, bin-packing		Cplex, OPL	semiconductor robot, drone	semiconductor industry	benchmark	meta heuristic, genetic algorithm	1040	n/a
HamP21 [361]	8	distributed, CP, precedence, resource, job, scheduling, machine, cmax, job-shop, constraint programming, task, order, completion-time, make-span	FJS	noOverlap, endBeforeStart		Cplex, CPO, OPL	semiconductor drone, robot, aircraft		real-world, benchmark, github	large neighborhood search, machine learning	958	1609
HamPK21 [362]	12	scheduling, CP, constraint programming, tardiness, multi-objective, completion-time, task, flow-shop, resource, make-span, single-machine scheduling, sequence dependent setup, order, machine, distributed, precedence, cmax, setup-time, job-shop, re-scheduling, bi-objective, job	single machine, FJS, parallel machine	noOverlap, cycle, endBeforeStart		OPL, Cplex	semiconductor agriculture, robot		benchmark, github	genetic algorithm, simulated annealing, swarm intelligence, particle swarm, ant colony, Lagrangian relaxation, meta heuristic	959	1610
HarjunkoskiG02 [368]	20	CLP, scheduling, order, setup-time, activity, single-stage scheduling, constraint programming, machine, flow-shop, CP, job, constraint logic programming, due-date, constraint satisfaction, resource, task, release-date, job-shop		cumulative		ECLiPSe, Ilog Scheduler, CHIP, Ilog Solver, Cplex, OPL				simulated annealing, genetic algorithm	1193	n/a
HarjunkoskiJG00 [369]	7	due-date, constraint satisfaction, scheduling, machine, job-shop, CP, order, constraint logic programming, job, CLP	parallel machine	disjunctive		OPL, ECLiPSe, Ilog Solver, Cplex, CHIP				MINLP	1210	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HarjunkoskiMBC14 [370]	33	distributed, CLP, Benders Decomposition, precedence, lateness, unavailability, task, release-date, activity, setup-time, due-date, breakdown, Pareto, job, continuous-process, batch process, constraint programming, reactive scheduling, make-span, manpower, stochastic, constraint logic programming, make to stock, machine, re-scheduling, multi-objective, earliness, order, job-shop, Logic-Based Benders Decomposition, resource, inventory, CP, COP, periodic, scheduling, transportation, cyclic scheduling, tardiness	single machine	circuit, cycle, disjunctive		ECLiPSe, CHIP, Gurobi, Cplex, Gecode, SCIP, OPL	dairy, semiconductor, automotive, pipeline	petrochemical industry, oil industry, chemical industry, paper industry, pharmaceutical industry, dairy industry, process industry	benchmark, real-world, real-life	simulated annealing, particle swarm, column generation, MINLP, large neighborhood search, meta heuristic	1081	n/a
HauderBRPA20 [374]	14	setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	cumulative, cycle		OPL, Cplex	aircraft	automobile industry, food-processing industry, steel industry, processing industry	industry partner, benchmark, real-world, supplementary material	particle swarm, genetic algorithm, meta heuristic	984	1617
HebrardHJMPV16 [377]	10	online scheduling, cmax, scheduling, order, make-span, distributed, machine, job, completion-time, resource, task	parallel machine	cumulative			satellite, earth observation		industrial partner		1055	n/a
HeckmanB11 [381]	20	order, job, CSP, scheduling, Pareto, machine, make-span, tardiness, constraint satisfaction, resource, job-shop, activity, flow-shop, explanation, constraint programming, precedence, CP		disjunctive, Completion constraint		Ilog Scheduler			benchmark, real-world	simulated annealing, edge-finding, genetic algorithm, meta heuristic, edge-finder	1120	n/a
HeinzNVH22 [387]	16	re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, unavailability, machine, make-span, distributed, flow-shop, completion-time, CP, resource, preemptive, activity, explanation, job, constraint programming, precedence, setup-time, order	parallel machine	cumulative, noOverlap, alternative constraint		Gurobi	high performance computing, robot, crew-scheduling		real-world, generated instance, benchmark, gitlab	meta heuristic, genetic algorithm, Lagrangian relaxation	935	1604

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HeinzSB13 [386]	36	constraint programming, constraint optimization, order, CSP, completion-time, release-date, resource, job, constraint satisfaction, preempt, scheduling, precedence, COP, due-date, CP, machine, explanation	psplib, single machine, RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		MiniZinc, SCIP, Cplex	satellite		benchmark	edge-finding, time-tabling	1092	1645
HeinzSSW12 [384]	12	explanation, constraint programming, inventory, order, task, constraint satisfaction, CP		bin-packing		Cplex	steel mill	steel industry, process industry	CSPlib, real-world	large neighborhood search, column generation	1100	1649
HeipckeCCS00 [389]	8	CP, resource, task, constraint programming, preemptive, release-date, precedence, job-shop, activity, completion-time, due-date, scheduling, machine, job, make-span, preempt, order	RCPSP, single machine, Resource-constrained Project Scheduling Problem	disjunctive, cumulative, Disjunctive constraint					instance generator, benchmark		1211	1663
HladikCDJ08 [397]	18	distributed, activity, Pareto, constraint programming, cyclic scheduling, precedence, multi-objective, preemptive, CLP, completion-time, preempt, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, constraint satisfaction, order, machine, periodic, scheduling, explanation, resource		cycle		Choco Solver	automotive, robot, aircraft		benchmark	genetic algorithm, simulated annealing, neural network	1158	n/a
Hooker05 [402]	17	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, explanation, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, CLP, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP, edge-finding	1180	1660
Hooker06 [405]	19	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	1174	1659

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker07 [407]	29	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance, generated instance	MINLP, edge-finding	1168	n/a
HookerH17 [414]	24	preemptive, CLP, CSP, multi-agent, CP, machine, stochastic, constraint programming, one-machine scheduling, job-shop, resource, transportation, constraint optimization, open-shop, Benders Decomposition, order, multi-objective, activity, constraint satisfaction, setup-time, release-date, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming, job, sequence dependent setup, preempt, flow-shop, net present value, explanation, tardiness	Open Shop Scheduling Problem, parallel machine, RCPSP	bin-packing, regular expression, Regular constraint, Cardinality constraint, Among constraint, circuit, cumulative, alldifferent, disjunctive		OPL, CHIP, SCIP, ECLiPSe, MiniZinc, Ilog Solver	aircraft, crew-scheduling, operating room, radiation therapy, nurse, physician		real-world, real-life	time-tabling, MINLP, bi-partite matching, energetic reasoning, edge-finding, column generation, not-first, not-last, neural network, Lagrangian relaxation	1041	n/a
HookerO03 [412]	28	CLP, CP, machine, constraint programming, one-machine scheduling, resource, Benders Decomposition, order, constraint satisfaction, release-date, scheduling, Logic-Based Benders Decomposition, task, constraint logic programming, job, due-date		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex			generated instance		1188	n/a
HookerO99 [411]	48	CLP, CP, machine, stochastic, constraint programming, job-shop, resource, Benders Decomposition, order, make to order, constraint satisfaction, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, explanation		Disjunctive constraint, disjunctive	C++, Prolog	CHIP, Cplex, Ilog Solver		chemical industry		MINLP	1222	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HookerOTK00 [413]	20	order, machine, job, scheduling, explanation, resource, CSP, job-shop, transportation, constraint logic programming, stochastic, constraint programming, CLP, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, constraint satisfaction		cumulative, Element constraint, disjunctive, Cardinality constraint		Cplex, Ilog Solver, CHIP, OPL	hoist			MINLP	1212	n/a
HoundjiSW19 [416]	27	scheduling, resource, BOM, due-date, transportation, inventory, constraint programming, CP, constraint logic programming, task, order, machine	single machine	alldifferent, GCC constraint, circuit, Cardinality constraint, cumulative					random instance, benchmark, bitbucket	sweep, column generation, max-flow	1004	1625
HubnerGSV21 [418]	22	completion-time, CP, task, stochastic, precedence, reactive scheduling, order, machine, preempt, cmax, tardiness, scheduling, resource, due-date, no-wait, transportation, inventory, job, activity, constraint programming, make-span, preemptive	RCPSPDC, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, cycle, alternative constraint, endBeforeStart	C	Cplex, Gurobi, OPL	automotive	dismantling industry	real-life, benchmark	large neighborhood search, meta heuristic, mat heuristic, genetic algorithm, simulated annealing	960	n/a
IsikYA23 [422]	28	tardiness, scheduling, energy efficiency, multi-objective, constraint programming, completion-time, flow-shop, constraint satisfaction, task, no-wait, job-shop, blocking constraint, CP, explanation, earliness, bi-objective, constraint logic programming, preempt, batch process, setup-time, due-date, order, make-span, machine, job, distributed, resource, release-date, transportation, precedence, cmax, sequence dependent setup, breakdown	single machine, parallel machine, HFS	noOverlap, endBeforeStart, Calendar constraint, circuit, Blocking constraint, cumulative		OPL, Cplex	robot, medical	steel industry	benchmark, generated instance, real-life, real-world	Lagrangian relaxation, energetic reasoning, NEH, GRASP, genetic algorithm, memetic algorithm, machine learning, mat heuristic, meta heuristic, reinforcement learning, neural network, ant colony, particle swarm, simulated annealing	907	1588

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
JainG01 [425]	19	job-shop, constraint satisfaction, job, order, release-date, scheduling, constraint logic programming, CP, CLP, constraint programming, due-date, Benders Decomposition, task, resource, machine, activity	single machine, parallel machine	disjunctive, cumulative	Prolog	Ilog Solver, ECLiPSe, CHIP, OPL, Ilog Scheduler, Cplex	crew-scheduling			column generation, MINLP	1201	n/a
JainM99 [424]	45	flow-shop, preempt, constraint satisfaction, one-machine scheduling, job, open-shop, order, release-date, constraint optimization, scheduling, CP, precedence, CLP, cmax, tardiness, stochastic, due-date, re-scheduling, completion-time, CSP, preemptive, lateness, task, resource, make-span, single-machine scheduling, machine, distributed, inventory, job-shop	single machine	disjunctive, cycle		OPL	semiconductor robot		real-world, benchmark, real-life	Lagrangian relaxation, edge-finder, memetic algorithm, simulated annealing, meta heuristic, GRASP, neural network, genetic algorithm, machine learning	1223	n/a
Jans09 [426]	24	distributed, CP, scheduling, sequence dependent setup, resource, job, setup-time, multi-agent, inventory, machine, order	single machine, parallel machine			Cplex	offshore, business process	foundry industry, tire industry, fashion industry, process industry	benchmark	column generation, meta heuristic	1148	n/a
JussienL02 [432]	25	job, constraint programming, CSP, precedence, stochastic, task, CLP, machine, order, constraint logic programming, scheduling, preempt, make-span, constraint satisfaction, preemptive, job-shop, explanation, CP, open-shop, resource	Open Shop Scheduling Problem, TMS				satellite		benchmark, real-life	genetic algorithm, time-tabling, neural network	1195	n/a
JuvinHL22 [434]	32	precedence, preemptive, completion-time, cmax, CP, machine, re-scheduling, distributed, constraint programming, job-shop, resource, Benders Decomposition, order, activity, constraint satisfaction, setup-time, Pareto, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, job, preempt, flow-shop	parallel machine, single machine, JSSP, FJS	endBeforeStart, disjunctive, Disjunctive constraint, noOverlap, circuit, cumulative		Cplex, CPO			benchmark	meta heuristic, simulated annealing, genetic algorithm	937	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
JuvinHL23a [436]	17	task, machine, make-span, preempt, constraint satisfaction, resource, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, activity, flow-shop, constraint programming, precedence, CP, Benders Decomposition, stochastic, setup-time, order, re-scheduling, job, release-date, scheduling, Pareto	FJS, JSSP, parallel machine, single machine	noOverlap, endBeforeStart, bin-packing, cumulative, circuit, disjunctive, Disjunctive constraint		CPO, Cplex	vaccine, drone, operating room, COVID		benchmark	genetic algorithm, machine learning, simulated annealing, meta heuristic	908	n/a
Kameugne15 [439]	2	resource, preemptive, completion-time, constraint programming, scheduling, task, preempt		cumulative						not-last, not-first, edge-finding	1069	1638
KameugneF13 [442]	21	order, task, release-date		cumulative						not-first	1093	n/a
KameugneFSN14 [444]	27	completion-time, preemptive, CP, scheduling, CLP, precedence, job-shop, release-date, resource, job, order, constraint programming, preempt, make-span, task	RCPSP, psplib, CuSP, Resource-constrained Project Scheduling Problem	disjunctive, cumulative		CHIP, Gecode			random instance, benchmark	edge-finding, not-first, edge-finder, time-tabling, energetic reasoning, not-last	1082	1644
KelbelH11 [447]	10	due-date, preempt, precedence, tardiness, earliness, CSP, CP, machine, inventory, constraint programming, job-shop, resource, order, completion-time, constraint satisfaction, release-date, scheduling, make-span, distributed, task, job	JSSP	cumulative, disjunctive		Cplex, Ilog Solver, OPL			generated instance, benchmark, random instance	edge-finder, large neighborhood search, edge-finding	1121	n/a
KhayatLR06 [449]	15	order, cmax, scheduling, preempt, task, machine, make-span, constraint satisfaction, job-shop, due-date, constraint logic programming, CP, resource, preemptive, activity, job, constraint programming, precedence, setup-time				OPL, Cplex			real-life, benchmark	genetic algorithm	1175	n/a
KoehlerBFFHPSSS21 [458	51	constraint satisfaction, flow-shop, CSP, job, constraint programming, tardiness, task, multi-objective, scheduling, single-machine scheduling, make-span, resource, precedence, job-shop, order, lateness, CP, machine, one-machine scheduling, flow-time, constraint optimization	CTW, single machine	Channeling constraint, alldifferent, Disjunctive constraint, circuit, cumulative, cycle, disjunctive	C , Python	MiniZinc, OPL, Cplex, Gurobi, OR-Tools, Chuffed, Z3	cable tree, automotive, robot		real-world, benchmark, github	ant colony, genetic algorithm, particle swarm, simulated annealing	961	1611

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KorbaaYG00 [462]	10										1213	n/a
KovacsB08 [466]	7	order, activity, preempt, release-date, single-machine scheduling, scheduling, job, preemptive, machine, tardiness, constraint programming, CSP, completion-time, CP, resource	single machine	disjunctive, Disjunctive constraint, bin-packing, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint		Ilog Solver, Ilog Scheduler	aircraft		benchmark	genetic algorithm, sweep	1159	n/a
KovacsB11 [467]	24	order, activity, preempt, release-date, single-machine scheduling, scheduling, make-span, flow-time, job, preemptive, due-date, flow-shop, machine, precedence, tardiness, constraint programming, earliness, completion-time, CP, distributed, job-shop, resource	single machine, parallel machine, Resource-constrained Project Scheduling Problem	disjunctive, Disjunctive constraint, cumulative, cycle, Regular constraint, Completion constraint, Cardinality constraint, Channeling constraint	C++	Ilog Solver, Ilog Scheduler			benchmark	edge-finding, column generation	1122	1653
KovacsK11 [469]	24	Benders Decomposition, order, constraint satisfaction, breakdown, Pareto, release-date, scheduling, task, COP, job, sequence dependent setup, due-date, flow-shop, machine, stochastic, tardiness, constraint programming, constraint optimization, earliness, CSP, completion-time, CP, Logic-Based Benders Decomposition, job-shop, resource, transportation	single machine	cycle, Reified constraint	C++	Cplex, Ilog Solver, Gecode					1123	1654
KreterSS17 [474]	31	order, scheduling, task, unavailability, machine, make-span, periodic, preempt, resource, preemptive, activity, explanation, constraint programming, completion-time, precedence, CP	Resource-constrained Project Scheduling Problem, RCPSP, parallel machine	IloPulse, cumulative, IloForbidEnd, Pulse constraint, Reified constraint, Calendar constraint, alwaysIn, diffn, cycle, IloAlwaysIn, Element constraint		MiniZinc, Chuffed, CPO, Cplex, CHIP			benchmark	edge-finding, lazy clause generation	1042	1635

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
KreterSSZ18 [475]	15	activity, constraint programming, precedence, release-date, preemptive, completion-time, preempt, CP, task, unavailability, order, machine, tardiness, periodic, scheduling, explanation, resource	Resource-constrained Project Scheduling Problem, RCPSP, psplib	cumulative, Element constraint, Calendar constraint		Chuffed, Cplex, MiniZinc			benchmark	genetic algorithm, particle swarm, GRASP, lazy clause generation, Lagrangian relaxation	1030	n/a
KuB16 [476]	9	earliness, job, order, precedence, make-span, machine, tardiness, completion-time, job-shop, scheduling, constraint programming, constraint satisfaction, CP		Disjunctive constraint, disjunctive		Ilog Scheduler, Cplex, SCIP, Gurobi			benchmark	meta heuristic, genetic algorithm	1056	n/a
Kuchcinski03 [477]	29	constraint logic programming, task, constraint programming, completion-time, precedence, periodic, CLP, scheduling, job, re-scheduling, CP, multi-objective, order, distributed, job-shop, resource, CSP, constraint optimization		Reified constraint, Disjunctive constraint, Arithmetic constraint, diffn, cumulative, circuit, Element constraint, disjunctive, Diff2 constraint, cycle	Prolog, Java	SICStus, CHIP	pipeline		benchmark	genetic algorithm, meta heuristic, edge-finding	1189	n/a
KuchcinskiW03 [478]	15	distributed, precedence, CP, CSP, scheduling, constraint programming, resource, constraint logic programming, order		cycle, circuit, Diff2 constraint	Java		pipeline		benchmark		1190	n/a
Laborie03 [481]	38	task, job, preempt, precedence, preemptive, cmax, CP, machine, re-scheduling, inventory, constraint programming, job-shop, resource, order, activity, constraint satisfaction, setup-time, release-date, scheduling, make-span		cumulative, disjunctive, table constraint, cycle, Balance constraint, Disjunctive constraint	C++	Ilog Scheduler			benchmark	edge-finding, not-first, not-last, time-tabling, energetic reasoning	1191	n/a
LaborieR14 [485]	10	single-machine scheduling, order, breakdown, transportation, job, constraint programming, scheduling, task, machine, net present value, tardiness, earliness, preempt, resource, Logic-Based Benders Decomposition, job-shop, due-date, activity, flow-shop, precedence, CP, Benders Decomposition	single machine, Partial Order Schedule, RCPSP	disjunctive, span constraint, noOverlap, endBeforeStart, cumulative, alternative constraint		Cplex	satellite, aircraft		benchmark, real-world	column generation, large neighborhood search, machine learning	1083	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LaborieRSV18 [484]	41	Benders Decomposition, multi-objective, breakdown, manpower, setup-time, order, distributed, Logic-Based Benders Decomposition, job-shop, resource, CSP, net present value, batch process, stochastic, task, constraint programming, release-date, precedence, earliness, sequence dependent setup, scheduling, machine, transportation, periodic, tardiness, make-span, activity, explanation, inventory, due-date, flow-shop, job, re-scheduling, CP	Resource-constrained Project Scheduling Problem, psplib, RCPSP, parallel machine	endBeforeStart, noOverlap, alternative constraint, cumulative, disjunctive, span constraint, cycle, Reified constraint, AlwaysConstant, Disjunctive constraint, alwaysEqual constraint, Arithmetic constraint, Calendar constraint, alwaysIn	Python, C++, C , Java	Ilog Scheduler, OPL, CHIP, Choco Solver, Gecode, Ilog Solver, Cplex, CPO	semiconductor satellite, aircraft, robot, pipeline, shipping line, railway, container terminal	petrochemical industry, chemical industry	CSPlib, benchmark, real-world	edge-finding, large neighborhood search	1031	1633
LacknerMMWW23 [487]	42	explanation, CP, scheduling, machine, lateness, constraint optimization, batch process, job-shop, constraint programming, release-date, job, order, tardiness, earliness, setup-time, Pareto, due-date, multi-objective, make-span, task	single machine, parallel machine, OSP	disjunctive, bin-packing, alternative constraint, cumulative, endBeforeStart, noOverlap, Element constraint		Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	semiconductor oven scheduling	manufacturing industry, electronics industry, steel industry	zenodo, random instance, benchmark, instance generator, real-life, industrial partner	ant colony, GRASP, simulated annealing, large neighborhood search, time-tabling, particle swarm, meta heuristic, genetic algorithm	909	1589
LammaMM97 [490]	15	CP, CLP, order, CSP, distributed, job-shop, resource, constraint logic programming, job, constraint satisfaction, no-wait, scheduling, precedence, task		Disjunctive constraint, circuit, disjunctive	C++, Prolog	ECLiPSe, OPL, CHIP	railway, train schedule		real-life		1235	n/a
LetortCB15 [499]	52	job, constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource	Resource-constrained Project Scheduling Problem, psplib	cumulative, Cumulatives constraint, cycle, bin-packing	Java, Prolog	Choco Solver, CHIP, SICStus			generated instance, benchmark, random instance, Roadef	energetic reasoning, large neighborhood search, meta heuristic, sweep, edge-finding	1070	1639

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LiW08 [500]	18	activity, setup-time, scheduling, constraint programming, no preempt, constraint satisfaction, CP, CSP, resource, explanation, job, due-date, order, precedence, make-span, machine, preempt, task, completion-time, job-shop, re-scheduling, open-shop, Benders Decomposition, constraint logic programming	RCPSP	disjunctive, bin-packing, cycle		Ilog Solver, Cplex, ECLiPSe, CHIP, OPL	astronomy		real-world	Lagrangian relaxation	1160	n/a
LiessM08 [503]	12	activity, job-shop, CP, make-span, preempt, resource, precedence, preemptive, order, machine, job, cmax, scheduling, constraint programming, constraint satisfaction, task	psplib, Resource-constrained Project Scheduling Problem, RCPSP	cumulative, disjunctive	C++				benchmark	edge-finding, meta heuristic, large neighborhood search, column generation	1161	n/a
LimtanyakulS12 [510]	32	precedence, constraint optimization, release-date, activity, tardiness, constraint programming, machine, scheduling, order, Benders Decomposition, due-date, stochastic, CP, completion-time, resource, job, COP, CSP, constraint satisfaction	Resource-constrained Project Scheduling Problem	bin-packing, disjunctive, table constraint, Cardinality constraint, cumulative		Ilog Scheduler, Cplex	robot, automotive	automotive industry	real-life, generated instance, industrial partner, benchmark, random instance	not-last, not-first, genetic algorithm, energetic reasoning, edge-finding	1101	1650
LiuW11 [514]	10	periodic, stochastic, inventory, machine, constraint programming, task, order, constraint satisfaction, completion-time, CP, transportation, due-date, distributed, resource, preempt, preemptive, multi-objective, CSP, activity, scheduling, precedence	Resource-constrained Project Scheduling Problem, RCPSP	cumulative			robot, train schedule			simulated annealing, timetabling, genetic algorithm, neural network, ant colony	1124	n/a
LombardiM10a [521]	30	task, preemptive, completion-time, precedence, scheduling, machine, make-span, activity, preempt, constraint satisfaction, due-date, distributed, job, re-scheduling, CP, Benders Decomposition, stochastic, constraint programming, order, release-date, Logic-Based Benders Decomposition, resource, CSP	TCSP, Resource-constrained Project Scheduling Problem	Disjunctive constraint, cycle, table constraint, span constraint, cumulative, disjunctive	C	Cplex	business process		benchmark, real-life, real-world	genetic algorithm, sweep	1135	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LombardiM12 [524]	35	precedence, flow-shop, reactive scheduling, sequence dependent setup, make-span, order, machine, preempt, CP, tardiness, re-scheduling, due-date, CSP, distributed, manpower, job, activity, scheduling, explanation, resource, energy efficiency, preemptive, job-shop, transportation, completion-time, setup-time, earliness, Benders Decomposition, Logic-Based Benders Decomposition, task, inventory, stochastic, constraint satisfaction, constraint programming	psplib, Partial Order Schedule, parallel machine, Resource-constrained Project Scheduling Problem, RCPSP	circuit, cycle, cumulative, Disjunctive constraint, disjunctive		OR-Tools	aircraft	chemical industry	real-world, benchmark	large neighborhood search, lazy clause generation, energetic reasoning, meta heuristic, edge-finding, genetic algorithm	1102	1651
LombardiM12a [523]	10	completion-time, precedence, scheduling, make-span, activity, producer/consumer, CP, stochastic, constraint programming, order, resource, CSP	psplib, Partial Order Schedule, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive		Ilog Solver			benchmark		1103	n/a
LombardiMB13 [526]	14	cmax, task, preemptive, completion-time, precedence, scheduling, periodic, make-span, energy efficiency, activity, explanation, preempt, constraint satisfaction, distributed, re-scheduling, CP, multi-objective, stochastic, constraint programming, order, resource, CSP	SCC, RCPSP	cycle, cumulative, circuit		Gecode, Ilog Solver, OR-Tools	pipeline, medical		benchmark, real-world		1094	n/a
LombardiMRB10 [527]	31	constraint programming, stochastic, resource, constraint logic programming, periodic, Benders Decomposition, completion-time, tardiness, Logic-Based Benders Decomposition, distributed, no preempt, preempt, make-span, task, precedence, preemptive, CP, activity, re-scheduling, producer/consumer, scheduling, release-date, order, constraint satisfaction	SCC	table constraint, cumulative, Disjunctive constraint, circuit, disjunctive, cycle, bin-packing	C	ECLiPSe, Cplex	pipeline, semiconductor	semiconductor industry	real-life, real-world, benchmark	genetic algorithm, simulated annealing	1136	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LopesCSM10 [528]	39	distributed, stock level, job-shop, due-date, activity, explanation, CP, resource, transportation, reactive scheduling, job, constraint programming, precedence, inventory, CLP, order, multi-objective, re-scheduling, scheduling, task, make-span		table constraint, cycle, alldifferent, disjunctive	C++	Ilog Scheduler, Ilog Solver, OPL	pipeline	oil industry	real-world, benchmark	meta heuristic, MINLP, genetic algorithm, max-flow	1137	1657
LopezAKYG00 [529]	4										1214	n/a
LorigeonBB02 [530]	8	resource, cmax, completion-time, scheduling, machine, make-span, unavailability, activity, setup-time, preempt, flow-shop, job, CP, open-shop, order	parallel machine, Open Shop Scheduling Problem			Cplex, OPL					1196	n/a
LuZZYW24 [533]	36	job-shop, CP, explanation, single-machine scheduling, bi-objective, inventory, order, sustainability, machine, job, distributed, resource, transportation, precedence, scheduling, energy efficiency, multi-objective, constraint programming, Benders Decomposition, completion-time, flow-shop, constraint satisfaction, task, stochastic	Resource-constrained Project Scheduling Problem, single machine	cumulative, alwaysIn, disjunctive, noOverlap	Java	Cplex, OPL	energy-price, maintenance scheduling, train schedule, automotive, container terminal, railway	shipping industry	real-life, real-world	evolutionary computing, genetic algorithm, memetic algorithm, meta heuristic, ant colony, particle swarm, simulated annealing, large neighborhood search, column generation	889	n/a
LunardiBLRV20 [536]	20	job-shop, resource, job, order, tardiness, setup-time, constraint programming, preempt, make-span, unavailability, completion-time, flow-shop, CP, activity, re-scheduling, bi-objective, scheduling, due-date, machine, precedence	FJS	endBeforeStart, noOverlap	Python	Cplex	high performance computing	printing industry, glass industry	benchmark, github, random instance, generated instance	meta heuristic, genetic algorithm, large neighborhood search	986	1618
MalapertCGJLR12 [546]	17	constraint programming, transportation, flow-shop, CSP, order, cmax, open-shop, precedence, constraint satisfaction, completion-time, activity, machine, CP, preemptive, make-span, scheduling, resource, preempt, task, job, job-shop	OSP, Open Shop Scheduling Problem	disjunctive, cycle, Disjunctive constraint, cumulative	Java	Choco Solver			benchmark	meta heuristic, genetic algorithm, not-first, not-last, ant colony, edge-finding, particle swarm	1104	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MalikMB08 [551]	18	machine, precedence, distributed, constraint programming, resource, constraint logic programming, order, scheduling		cycle, Cardinality constraint			pipeline		benchmark	edge-finding	1162	n/a
MaraveliasCG04 [552]	29	manpower, resource, task, inventory, constraint satisfaction, scheduling, order, make-span, activity, continuous-process, constraint programming, flow-shop, CP, job, re-scheduling, due-date		Balance constraint, cycle, disjunctive		Cplex, OPL		chemical industry		MINLP, edge-finding	1184	n/a
MarliereSPR23 [554]	22	machine, precedence, transportation, job-shop, resource, job, order, constraint satisfaction, energy efficiency, constraint programming, distributed, multi-objective, task, explanation, CP, no-wait, activity, re-scheduling, scheduling	rtRTMP, RTMP	disjunctive, alternative constraint, cumulative, cycle, Disjunctive constraint, circuit, table constraint, noOverlap		Cplex	railway, robot, train schedule		benchmark, real-world	quadratic programming, timetabling, Lagrangian relaxation, machine learning, meta heuristic	910	n/a
MartinPY01 [556]	17	CP, order, breakdown, transportation, re-scheduling, constraint programming, scheduling, task, CLP, machine, constraint logic programming, constraint satisfaction, resource		circuit	Prolog	ECLiPSe, Ilog Solver	train schedule, railway, aircraft	sugar industry	real-life		1202	n/a
Mason01 [558]	38	cyclic scheduling, order, activity, scheduling, CP, transportation, task				Cplex, OPL	railway, crew-scheduling, workforce scheduling, nurse	airline industry		Lagrangian relaxation, column generation	1203	n/a
MejiaY20 [560]	13	resource, cmax, sequence dependent setup, due-date, re-scheduling, preemptive, order, tardiness, scheduling, completion-time, machine, job, no-wait, open-shop, release-date, transportation, multi-agent, multi-objective, constraint programming, job-shop, bi-objective, preempt, setup-time, CP, make-span, distributed	OSSP, Open Shop Scheduling Problem, parallel machine	disjunctive, Disjunctive constraint	Java	Cplex, ECLiPSe	agriculture, robot		supplementary material, benchmark, generated instance	simulated annealing, ant colony, GRASP, particle swarm, genetic algorithm, meta heuristic	987	1619

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MenciaSV12 [562]	32	lateness, preempt, sequence dependent setup, constraint satisfaction, resource, flow-time, preemptive, job-shop, job, constraint programming, completion-time, precedence, CP, setup-time, order, cmax, multi-objective, constraint optimization, scheduling, task, machine, make-span, distributed	JSSP, single machine	cycle, Disjunctive constraint, disjunctive			steel mill		benchmark, real-life	edge-finding, genetic algorithm, energetic reasoning, memetic algorithm, time-tabling, simulated annealing	1106	n/a
MenciaSV13 [563]	11	lateness, preempt, sequence dependent setup, constraint satisfaction, resource, flow-time, preemptive, job-shop, flow-shop, job, constraint programming, completion-time, precedence, CP, setup-time, order, cmax, multi-objective, constraint optimization, scheduling, task, machine, make-span	JSSP, single machine	cycle, Disjunctive constraint, disjunctive			steel mill		benchmark, real-life, supplementary material	edge-finding, genetic algorithm, energetic reasoning, time-tabling, simulated annealing, meta heuristic	1095	1646
MengGRZSC22 [564]	13	no-wait, distributed, job, job-shop, transportation, setup-time, Benders Decomposition, task, Pareto, constraint programming, bi-objective, precedence, flow-shop, multi-objective, make-span, order, machine, CP, tardiness, scheduling	parallel machine, FJS, HFS, PMSP			Cplex, Gurobi, OPL	semiconductor		benchmark	meta heuristic, genetic algorithm, memetic algorithm	939	n/a
MengLZB21 [565]	14	flow-shop, machine, tardiness, earliness, completion-time, multi-agent, cmax, CP, distributed, job-shop, resource, transportation, order, multi-objective, setup-time, scheduling, make-span, task, job, sequence dependent setup, due-date	parallel machine, FJS, HFS	endBeforeStart, noOverlap, circuit, alternative constraint, cumulative		Cplex, OPL, Gurobi	semiconductor		benchmark	NEH, particle swarm, memetic algorithm, meta heuristic, simulated annealing, genetic algorithm	962	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MengZRZL20 [566]	13	job-shop, no-wait, flow-shop, completion-time, CP, batch process, open-shop, resource, energy efficiency, flow-time, transportation, job, constraint programming, precedence, Benders Decomposition, cyclic scheduling, task, setup-time, machine, order, cmax, multi-objective, tardiness, earliness, scheduling, preempt, sequence dependent setup, make-span, blocking constraint, distributed, no preempt	parallel machine, FJS, OSP, Open Shop Scheduling Problem, HFS	alternative constraint, Blocking constraint, noOverlap, endBeforeStart		OR-Tools, Gecode, OPL, Gurobi, Cplex	robot, semiconductor		benchmark, supplementary material	genetic algorithm, ant colony, particle swarm, simulated annealing, meta heuristic	988	1620
MercierH07 [568]	27	transportation, job, constraint programming, precedence, release-date, CLP, order, scheduling, task, machine, constraint satisfaction, job-shop, due-date, activity, explanation, completion-time, CP, resource	JSSP	cumulative, disjunctive		CHIP		steel industry	benchmark	not-last, edge-finder, edge-finding, energetic reasoning, not-first	1169	n/a
MercierH08 [567]	21	preemptive, job, constraint programming, release-date, CLP, order, scheduling, preempt, task, job-shop, due-date, CP, resource		cumulative, disjunctive						edge-finder, edge-finding	1163	n/a
MilanoW06 [573]	45	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity	single machine, parallel machine	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		CHIP, ECLiPSe, Cplex, OPL	crew-scheduling		benchmark	column generation, edge-finder, meta heuristic, timetabling, large neighborhood search, Lagrangian relaxation	1176	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MilanoW09 [574]	40	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity	single machine	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		CHIP, SCIP, ECLiPSe, Cplex, OPL	crew-scheduling		benchmark	column generation, edge-finder, meta heuristic, lazy clause generation, timetabling, large neighborhood search, Lagrangian relaxation	1149	n/a
MokhtarzadehTNF20 [578]	14	CP, distributed, order, job, constraint programming, machine, task, multi-agent, setup-time, manpower, no-wait, scheduling, make-span, resource, precedence, completion-time	parallel machine	alldifferent, circuit, cycle		Cplex	robot, crew-scheduling	circuit boards industry	real-world, generated instance	simulated annealing, timetabling, meta heuristic, particle swarm	989	n/a
MontemanniD23 [582]	13	constraint programming, resource, order, distributed, sustainability, task, CP, scheduling, machine		circuit	Python	OPL, OR-Tools, Gurobi	robot, drone		benchmark, supplementary material	machine learning, swarm intelligence, meta heuristic, ant colony, mat heuristic	911	1590
MontemanniD23a [581]	20	explanation, completion-time, task, sustainability, transportation, scheduling, order, constraint programming, CP		circuit	Python	OR-Tools	drone		benchmark	meta heuristic, mat heuristic, ant colony	912	1591
MullerMKP22 [587]	18	bi-objective, precedence, batch process, multi-objective, make-span, order, machine, preempt, breakdown, cmax, scheduling, sustainability, due-date, no-wait, job, activity, resource, preemptive, job-shop, completion-time, setup-time, CP, online scheduling, task, stochastic, constraint programming	Resource-constrained Project Scheduling Problem, FJS	circuit, disjunctive	Python, Java	Chuffed, Choco Solver, OPL, OR-Tools, Cplex, MiniZinc, Gecode	robot, semiconductor		random instance, benchmark, github, real-world	reinforcement learning, neural network, meta heuristic, genetic algorithm, deep learning, machine learning	940	1605

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NaderiBZ22 [597]	29	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint		Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-life	meta heuristic, memetic algorithm	941	n/a
NaderiBZ22a [595]	19	job-shop, distributed, transportation, job, constraint programming, precedence, flow-shop, multi-objective, make-span, preemptive, completion-time, setup-time, CP, Benders Decomposition, Logic-Based Benders Decomposition, task, stochastic, re-scheduling, sequence dependent setup, order, machine, preempt, tardiness, scheduling, resource	parallel machine	Disjunctive constraint, noOverlap, disjunctive, endBeforeStart	C++	CPO, Cplex	nurse, automotive, crew-scheduling, robot, operating room		benchmark	genetic algorithm, simulated annealing, ant colony, meta heuristic	942	n/a
NaderiBZ23 [598]	32	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint	Python	Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-world	meta heuristic, memetic algorithm	913	n/a
NaderiBZR23 [596]	15	distributed, transportation, job, activity, constraint programming, precedence, completion-time, setup-time, CP, Benders Decomposition, constraint logic programming, Logic-Based Benders Decomposition, task, stochastic, re-scheduling, bi-objective, order, machine, breakdown, periodic, scheduling, resource	parallel machine	bin-packing	Python	Cplex	nurse, surgery, automotive, crew-scheduling, medical, patient, operating room		supplementary material, benchmark, real-world, real-life, generated instance	large neighborhood search, meta heuristic, mat heuristic	914	1592

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NaderiRR23 [601]	27	tardiness, flow-shop, earliness, CP, resource, preemptive, transportation, no-wait, job, constraint programming, completion-time, precedence, Benders Decomposition, setup-time, open-shop, order, cmax, re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, machine, make-span, constraint satisfaction, distributed, Logic-Based Benders Decomposition, job-shop, due-date	Open Shop Scheduling Problem, PMSP, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, OSP, PTC, single machine, FJS	Disjunctive constraint, cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint	Python	CPO, Z3, Gurobi, SCIP, Cplex	operating room, automotive, crew-scheduling		github, benchmark	genetic algorithm, large neighborhood search, meta heuristic	915	1593
NattafAL15 [603]	21	release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1071	1640
NattafAL17 [604]	18	release-date, scheduling, task, make-span, resource, energy efficiency, activity, job, constraint programming, CSP, CP, order	CECSP	disjunctive, cumulative	C++	Cplex			real-world	edge-finding, energetic reasoning	1043	1636
NattafALR16 [605]	34	preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1057	n/a
NattafDYW19 [606]	16	job-shop, completion-time, setup-time, stochastic, constraint satisfaction, constraint programming, make-span, order, machine, CP, cmax, periodic, single-machine scheduling, scheduling, job, resource	parallel machine, single machine, PTC	noOverlap, alternative constraint		OPL, Cplex	semiconductor	lumber industry, semiconductor industry	benchmark	simulated annealing, memetic algorithm, meta heuristic, genetic algorithm	1005	n/a
NattafHKAL19 [607]	16	preempt, single-machine scheduling, order, CP, resource, CSP, task, preemptive, release-date, activity, scheduling, machine, make-span	RCPSP, single machine, CECSP, Resource-constrained Project Scheduling Problem	cumulative		Cplex			real-life, benchmark	energetic reasoning	1006	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NishikawaSTT19 [613]	16	online scheduling, precedence, scheduling, make-span, preempt, activity, distributed, constraint programming, machine, re-scheduling, order, CP, resource, task, preemptive	parallel machine	alternative constraint, cumulative		Cplex	robot, pipeline		real-world, benchmark	genetic algorithm, large neighborhood search	1007	n/a
NovaraNH16 [614]	17	job, constraint programming, CSP, precedence, setup-time, order, re-scheduling, tardiness, constraint logic programming, scheduling, sequence dependent setup, manpower, task, machine, make-span, constraint satisfaction, due-date, activity, completion-time, earliness, CP, batch process, resource		cumulative, disjunctive, noOverlap, endBeforeStart, alternative constraint		OPL, Cplex		pharmaceutica industry	benchmark, CSPlib		1058	n/a
Novas19 [615]	13	scheduling, CP, precedence, cmax, job-shop, constraint programming, multi-objective, due-date, completion-time, lateness, release-date, task, tardiness, resource, make-span, flow-time, transportation, sequence dependent setup, machine, no-wait, activity, distributed, inventory, setup-time, flow-shop, constraint satisfaction, job, order	parallel machine, HFS, FJS	cycle, noOverlap, cumulative, endBeforeStart		OPL, Cplex	medical, semiconductor, robot, train schedule	solar cell industry	benchmark	meta heuristic, swarm intelligence, genetic algorithm, particle swarm	1008	n/a
NovasH10 [616]	20	unavailability, precedence, batch process, due-date, re-scheduling, order, tardiness, scheduling, completion-time, machine, job, task, no-wait, breakdown, periodic, multi-objective, constraint programming, reactive scheduling, CSP, setup-time, manpower, activity, CP, make-span, earliness, resource, lateness				OPL, Ilog Scheduler	pipeline			meta heuristic	1138	n/a
NovasH12 [617]	17	precedence, order, scheduling, completion-time, machine, job, task, no-wait, transportation, breakdown, constraint programming, reactive scheduling, activity, CP, make-span, resource		cycle		OPL, Ilog Solver, Ilog Scheduler	hoist, electroplating, container terminal, semiconductor, robot	semiconductor industry, electroplating industry			1107	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NovasH14 [618]	14	unavailability, precedence, order, scheduling, completion-time, machine, job, task, transportation, multi-objective, constraint programming, job-shop, reactive scheduling, constraint satisfaction, activity, CP, make-span, buffer-capacity, resource	single machine, parallel machine			OPL, Ilog Solver, Ilog Scheduler	robot		benchmark	ant colony, genetic algorithm	1084	n/a
NuijtenA96 [621]	16	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint		CPO				time-tabling	1239	n/a
NuijtenP98 [622]	16	scheduling, preempt, manpower, task, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, transportation, reactive scheduling, job, constraint programming, CSP, precedence, setup-time, CLP, single-machine scheduling, order	single machine, JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, OPL, Ilog Scheduler	satellite		real-life	simulated annealing, edge-finding	1231	n/a
OhrimenkoSC09 [628]	35	scheduling, machine, order, constraint satisfaction, constraint programming, resource, job, completion-time, explanation, open-shop, CSP, make-span, CP	Open Shop Scheduling Problem	Reified constraint, Arithmetic constraint, alldifferent, Cardinality constraint, disjunctive		Gecode			benchmark	lazy clause generation	1150	n/a
OrnekO16 [630]	25	constraint satisfaction, preempt, inventory, setup-time, activity, CP, make-span, earliness, distributed, resource, precedence, cmax, due-date, preemptive, order, tardiness, scheduling, completion-time, machine, job, bill of material, release-date, BOM, multi-objective, constraint programming, job-shop	parallel machine	Disjunctive constraint, cumulative, Element constraint, disjunctive		Cplex, OPL			real-life, real-world	genetic algorithm, meta heuristic, neural network, edge-finding	1059	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
OrnekOS20 [631]	29	explanation, CP, machine, stochastic, distributed, constraint programming, resource, order, multi-objective, Pareto, periodic, scheduling	parallel machine	disjunctive, noOverlap		Cplex	aircraft		generated instance, real-world	genetic algorithm, time-tabling, large neighborhood search, particle swarm, meta heuristic, simulated annealing	944	n/a
OzturkTHO10 [637]	8	job, activity, scheduling, resource, setup-time, task, constraint programming, precedence, make-span, order, completion-time, machine, CP, cmax	SBSFMMAL	disjunctive		Ilog Scheduler, OPL, Ilog Solver, Cplex	robot				1139	n/a
OzturkTHO12 [636]	6	job, activity, scheduling, resource, cyclic scheduling, job-shop, setup-time, task, constraint programming, precedence, make-span, preemptive, order, completion-time, machine, preempt, CP, distributed		disjunctive, Element constraint, cycle, cumulative		OPL, Cplex				edge-finding	1108	n/a
OzturkTHO13 [638]	36	job, activity, scheduling, resource, cyclic scheduling, setup-time, constraint logic programming, task, constraint satisfaction, constraint programming, precedence, flow-shop, make-span, preemptive, order, CLP, completion-time, machine, preempt, CP, breakdown, cmax, CSP	SBSFMMAL	Disjunctive constraint, disjunctive, Channeling constraint, cycle, cumulative		CHIP, OPL, Ilog Solver, Cplex			real-world, real-life	genetic algorithm, large neighborhood search, column generation, edge-finding	1096	1647
OzturkTHO15 [639]	12	job, activity, scheduling, resource, cyclic scheduling, setup-time, task, inventory, constraint satisfaction, constraint programming, precedence, make-span, preemptive, order, completion-time, machine, preempt, CP, breakdown, distributed	SBSFMMAL	disjunctive, circuit, cycle, cumulative		OPL, Cplex			real-life	large neighborhood search	1072	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PandeyS21a [640]	29	constraint logic programming, scheduling, unavailability, make-span, constraint satisfaction, distributed, activity, flow-shop, completion-time, CP, resource, energy efficiency, re-scheduling, job, constraint programming, CSP, precedence, task, single-machine scheduling, machine, order	PMSP, parallel machine, single machine	cumulative, Pulse constraint, endBeforeStart, alternative constraint		OPL, Cplex	semiconductor		benchmark	quadratic programming, column generation, mat heuristic	964	n/a
PapaB98 [644]	25	reactive scheduling, machine, activity, task, flow-shop, resource, constraint satisfaction, job, order, scheduling, distributed, CP, CLP, cmax, setup-time, job-shop, constraint programming, due-date, preempt, re-scheduling, make-span, completion-time, CSP, preemptive	PJSSP, Resource-constrained Project Scheduling Problem, JSSP	cumulative, table constraint, Disjunctive constraint, Cardinality constraint, disjunctive	C++	Ilog Solver, CHIP, Claire	hoist		benchmark	edge-finder, energetic reasoning, edge-finding	1232	1668
Pape94 [641]	34	stochastic, multi-agent, inventory, machine, job-shop, constraint programming, task, order, constraint satisfaction, constraint logic programming, CP, activity, due-date, distributed, resource, CLP, release-date, scheduling, precedence, re-scheduling, job		cumulative, disjunctive	C++, Prolog, Lisp						1246	n/a
PenzDN23 [648]	13	periodic, job-shop, CP, single-machine scheduling, earliness, preempt, COP, setup-time, activity, sustainability, make-span, machine, flow-time, job, resource, one-machine scheduling, release-date, unavailability, breakdown, preemptive, order, tardiness, scheduling, completion-time, stochastic	parallel machine, single machine			Cplex	maintenance scheduling, semiconductor	semiconductor industry		memetic algorithm, meta heuristic, ant colony, simulated annealing	917	n/a
PesantGPR99 [652]	11	job-shop, transportation, constraint logic programming, task, constraint programming, make-span, order, CLP, CP, scheduling, re-scheduling, distributed, inventory, job, resource			Prolog, C++	Ilog Solver, ECLiPSe			real-life, benchmark	time-tabling	1224	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PoderBS04 [659]	16	order, activity, release-date, resource, constraint satisfaction, preempt, scheduling, precedence, task, producer/consumer, preemptive, due-date, CP, machine, constraint programming	RCPSP	cumulative	Prolog	CHIP		chemical industry			1186	n/a
PohlAK22 [660]	16	job, resource, lateness, release-date, transportation, precedence, sequence dependent setup, re-scheduling, tardiness, scheduling, constraint programming, completion-time, stochastic, activity, CP, single-machine scheduling, earliness, inventory, setup-time, order, machine	single machine, SCC	cumulative, noOverlap	Python	Cplex, Gurobi	aircraft		benchmark, real-world	simulated annealing, large neighborhood search, column generation	945	n/a
Polo-MejiaALB20 [662]	18	setup-time, cmax, precedence, due-date, activity, machine, tardiness, CP, preemptive, make-span, scheduling, completion-time, periodic, multi-objective, resource, preempt, earliness, Benders Decomposition, task, job, constraint programming, order, release-date	RCPSP, Resource-constrained Project Scheduling Problem	alternative constraint, Calendar constraint, endBeforeStart, alwaysIn, Disjunctive constraint, cumulative, noOverlap, disjunctive	C++	Cplex, CPO			github, Roadef	mat heuristic, meta heuristic, particle swarm	991	1621
PourDERB18 [664]	12	multi-objective, COP, constraint satisfaction, CP, stochastic, order, transportation, constraint optimization, job, constraint programming, CSP, scheduling, task, machine				OR-Tools, Cplex	maintenance scheduling, railway, crew-scheduling		real-world, generated instance, real-life, benchmark	genetic algorithm, meta heuristic, ant colony	1032	n/a
PrataAN23 [668]	17	order, multi-objective, activity, setup-time, release-date, no-wait, single-machine scheduling, scheduling, Logic-Based Benders Decomposition, make-span, task, bi-objective, order scheduling, job, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, CP, machine, lateness, re-scheduling, stochastic, inventory, distributed, constraint programming, job-shop, resource, open-shop, Benders Decomposition	single machine, Open Shop Scheduling Problem, parallel machine	circuit, cumulative		CHIP	dairy, robot, energy-price, aircraft	manufacturing industry	real-life, benchmark, real-world	mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, timetabling, large neighborhood search, particle swarm	890	1577

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
QinDCS20 [673]	18	order, tardiness, scheduling, completion-time, machine, job, task, transportation, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, CSP, setup-time, activity, CP, make-span, explanation, resource, precedence	parallel machine	noOverlap, endBeforeStart, cycle		Cplex, OPL	shipping line, container terminal, yard crane	maritime industry, shipping industry	real-life, benchmark	meta heuristic, GRASP, particle swarm	992	n/a
QinDS16 [674]	19	job, order, scheduling, CP, Logic-Based Benders Decomposition, constraint programming, explanation, stochastic, completion-time, transportation, Benders Decomposition, task, periodic, Pareto, resource, make-span, machine, activity, COP, stock level, constraint satisfaction, bi-objective	parallel machine	alwaysIn, noOverlap		OPL, SCIP, Cplex	container terminal, crew-scheduling			simulated annealing, meta heuristic, column generation	1060	n/a
QinWSLS21 [672]	12	job-shop, order, completion-time, multi-objective, single-machine scheduling, order scheduling, job, preempt, flow-shop, scheduling, make-span, two-stage scheduling, tardiness, preemptive, batch process, cmax, CP, machine, lateness	single machine		C++	OPL, Cplex	agriculture, semiconductor	semiconductor industry		particle swarm, ant colony, memetic algorithm, meta heuristic, machine learning, genetic algorithm	965	n/a
ReddyFIBKAJ11 [679]	24	distributed, task, CP, activity, CSP, scheduling, constraint optimization, precedence, machine, resource, order, tardiness, constraint satisfaction		table constraint, bin-packing, cycle			satellite, deep space, robot, telescope				1125	n/a
RiiseML16 [684]	10	stochastic, constraint programming, Benders Decomposition, CP, Logic-Based Benders Decomposition, job-shop, resource, job, order, activity, preempt, setup-time, scheduling, make-span, task, due-date	Resource-constrained Project Scheduling Problem, RCPSP	bin-packing		Cplex	nurse, operating room, surgery, patient, medical		real-life, real-world	meta heuristic, column generation, genetic algorithm	1061	n/a
RodosekWH99 [688]	25	constraint programming, CLP, CP, constraint logic programming, task, constraint satisfaction, order, machine, scheduling, resource		disjunctive, cycle, Disjunctive constraint	Prolog	Cplex, ECLiPSe	hoist, pipeline, crew-scheduling		benchmark		1225	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Rodriguez07 [689]	15	blocking constraint, job, scheduling, explanation, resource, due-date, job-shop, transportation, task, activity, constraint programming, precedence, preemptive, preempt, CP, order		Disjunctive constraint, disjunctive, circuit, Blocking constraint		Ilog Solver, Z3, Ilog Scheduler, Cplex	railway, satellite, train schedule		real-life	GRASP, meta heuristic	1170	n/a
RodriguezDG02 [691]	10	constraint programming, resource, order, completion-time, CP, activity, scheduling, transportation		circuit, disjunctive			railway, train schedule			edge-finding	1198	n/a
RoePS05 [693]	15	setup-time, job-shop, constraint programming, due-date, continuous-process, re-scheduling, constraint logic programming, tardiness, make-span, lateness, machine, inventory, task, flow-shop, periodic, resource, constraint satisfaction, job, order, batch process, scheduling, distributed, precedence, CLP		disjunctive, Balance constraint, cumulative, Disjunctive constraint	Prolog	ECLiPSe, CHIP	maintenance scheduling			time-tabling, MINLP	1181	n/a
RoshanaeiBAUB20 [694]	19	activity, machine, stochastic, sequence dependent setup, CP, scheduling, Logic-Based Benders Decomposition, resource, order, Benders Decomposition, constraint logic programming, job, job-shop, setup-time, bi-objective, constraint programming, distributed, re-scheduling	parallel machine	bin-packing, noOverlap, disjunctive	C++	Cplex	operating room, nurse, patient, surgery		real-world, benchmark, generated instance	genetic algorithm, column generation, meta heuristic	993	n/a
RoshanaeiLAU17 [695]	17	Benders Decomposition, constraint logic programming, stochastic, Logic-Based Benders Decomposition, breakdown, resource, task, job-shop, tardiness, sequence dependent setup, transportation, scheduling, order, make-span, release-date, setup-time, distributed, constraint programming, machine, CP, job, re-scheduling	single machine, parallel machine	bin-packing		Cplex, Gurobi	operating room, patient, medical, surgery, nurse		real-world	meta heuristic, column generation	1044	n/a
RoshanaeiN21 [697]	14	due-date, distributed, job, online scheduling, re-scheduling, CP, Benders Decomposition, constraint logic programming, stochastic, setup-time, constraint programming, order, Logic-Based Benders Decomposition, job-shop, resource, completion-time, scheduling, machine, explanation, inventory	parallel machine, OSSP	cumulative, noOverlap		Cplex, CPO	automotive, operating room, patient, surgery		benchmark	genetic algorithm, meta heuristic, column generation	967	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
RuggieroBBMA09 [700]	14	Logic-Based Benders Decomposition, CP, resource, energy efficiency, CSP, constraint satisfaction, precedence, task, Pareto, activity, distributed, machine, scheduling, order, Benders Decomposition, preempt, setup-time, constraint programming		circuit, cumulative, cycle		Ilog Solver, Cplex, Ilog Scheduler	pipeline, satellite		instance generator, real-life	genetic algorithm	1151	n/a
SacramentoSP20 [701]	33	CSP, precedence, task, open-shop, activity, distributed, machine, flow-shop, multi-objective, transportation, scheduling, order, make-span, preempt, stochastic, constraint programming, CP, completion-time, resource, job, preemptive, job-shop	parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem	alternative constraint, endBeforeStart, noOverlap, cumulative, disjunctive	Java	Cplex, CPO	container terminal	shipping industry, maritime industry	benchmark, real-life, zenodo, real-world	particle swarm, simulated annealing, meta heuristic, large neighborhood search, mat heuristic, genetic algorithm, machine learning	994	1622
SadehF96 [702]	41	inventory, CSP, activity, CP, make-span, resource, precedence, due-date, re-scheduling, order, tardiness, scheduling, constraint satisfaction, machine, job, task, release-date, multi-agent, stochastic, job-shop		Disjunctive constraint, cycle, circuit, disjunctive	Lisp, C++		robot, aircraft		benchmark		1241	n/a
SadykovW06 [704]	9	due-date, constraint programming, completion-time, CP, job, release-date, scheduling, CLP, machine, one-machine scheduling, lateness	parallel machine, single machine	disjunctive, Disjunctive constraint		CHIP	robot		generated instance	Lagrangian relaxation, column generation	1177	n/a
SakkoutW00 [706]	30	distributed, preemptive, job-shop, activity, precedence, CP, single-machine scheduling, order, transportation, re-scheduling, reactive scheduling, job, constraint programming, CSP, scheduling, task, machine, preempt, constraint satisfaction, resource	single machine, KRFP	bin-packing, disjunctive, Disjunctive constraint, Arithmetic constraint		Cplex, CHIP	emergency service, aircraft		benchmark, real-world	edge-finder, edge-finding, genetic algorithm, simulated annealing	1215	1664
SchausHMCMD11 [709]	23	stochastic, periodic, task, CP, CSP, constraint optimization, constraint programming, constraint logic programming, order	SCC	Element constraint, Cardinality constraint, bin-packing, GCC constraint			steel mill	steel industry	CSPlib, generated instance, benchmark	meta heuristic, large neighborhood search	1126	1655

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SchildW00 [710]	23	periodic, scheduling, task, constraint logic programming, job, flow-shop, machine, explanation, precedence, CLP, completion-time, distributed, constraint programming, job-shop, resource, order, constraint satisfaction	single machine	disjunctive, Disjunctive constraint, bin-packing, cycle, Reified constraint		Ilog Solver	automotive	automotive industry, aerospace industry		edge-finding, time-tabling	1216	1665
SchnellH15 [711]	21	preempt, resource, preemptive, activity, explanation, precedence, CP, job, constraint programming, scheduling, machine, make-span, net present value, cmax	psplib, RCPSP, Resource-constrained Project Scheduling Problem	cycle, cumulative		SCIP	automotive	IT industry	real-life, benchmark, supplementary material	simulated annealing, lazy clause generation, meta heuristic, GRASP	1073	1641
SchnellH17 [712]	11	preempt, resource, preemptive, explanation, precedence, CP, order, job, constraint programming, scheduling, machine, make-span, net present value	psplib, RCPSP, Resource-constrained Project Scheduling Problem	cumulative	Java	SCIP			benchmark, supplementary material	genetic algorithm, lazy clause generation, meta heuristic, GRASP	1046	1637
SchuttFSW11 [719]	33	scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, make-span, preemptive, completion-time, machine, preempt, CP, periodic, constraint satisfaction, open-shop, order	psplib, Resource-constrained Project Scheduling Problem, RCPSP	Disjunctive constraint, span constraint, disjunctive, circuit, cumulative		ECLiPSe, CHIP, Ilog Scheduler, SICStus			benchmark, real-world	not-last, lazy clause generation, not-first, edge-finding, edge-finder	1127	1656
SchuttFSW13 [720]	17	scheduling, explanation, resource, task, activity, constraint programming, precedence, release-date, preemptive, CLP, machine, setup-time, preempt, CP, cmax, constraint satisfaction, order	psplib, Resource-constrained Project Scheduling Problem, RCPSP, SCC	disjunctive, cycle, cumulative, Reified constraint	C++	CHIP			supplementary material, benchmark	genetic algorithm, lazy clause generation, meta heuristic	1097	1648
ShaikhK23 [727]	12	job, unavailability, machine, constraint programming, CLP, CP, re-scheduling, distributed, job-shop, resource, open-shop, order, activity, constraint satisfaction, scheduling, task					medical, drone		benchmark, real-world	genetic algorithm, time-tabling, meta heuristic, machine learning	918	1594
ShinBBHO18 [730]	16	order, transportation, job, scheduling, task, machine, preempt, resource, activity, stochastic, inventory					physician, nurse, patient, medical		github, real-world		1033	1634

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Siala15 [731]	2	sequence dependent setup, machine, activity, setup-time, job, open-shop, order, scheduling, CP, precedence, cmax, job-shop, constraint programming, explanation, due-date, earliness, task, tardiness, resource, make-span	single machine, OSP, RCPSP, TMS	AmongSeq constraint, circuit, alldifferent, Balance constraint, cumulative, table constraint, GCC constraint, AtMostSeqCard, Reified constraint, Regular constraint, Among constraint, Atmost constraint, Disjunctive constraint, Cardinality constraint, cycle, MultiAtMostSeqCard, disjunctive, CardPath, AtMostSeq		Ilog Solver, CHIP, Claire, OPL, Mistral	rectangle-packing, automotive		github, Roadef, CSPlib, real-world, benchmark, random instance	edge-finding, GRASP, time-tabling	1074	1642
SimoninAHL15 [735]	23	CP, resource, task, constraint programming, precedence, periodic, activity, scheduling, transportation, make-span, preempt, order, inventory		disjunctive, span constraint, cycle, cumulative		CHIP	satellite, pipeline, earth observation, robot			sweep	1075	1643
Simonis07 [739]	30	CLP, CSP, make to order, CP, re-scheduling, constraint programming, job-shop, resource, transportation, order, activity, constraint satisfaction, setup-time, release-date, periodic, scheduling, task, producer/consumer, bill of material, constraint logic programming, job, sequence dependent setup, due-date, batch process, machine		GCC constraint, Atmost constraint, diffn, Cardinality constraint, Cumulatives constraint, disjunctive, bin-packing, Among constraint, cumulative, alldifferent, cycle	Prolog	OPL, Ilog Scheduler, CHIP	aircraft, patient, medical, business process, nurse			sweep, bi-partite matching, meta heuristic, time-tabling	1171	1658
SimonisCK00 [740]	7	activity, constraint programming, CP, task, stock level, order, machine, producer/consumer, scheduling, resource, transportation		disjunctive, bin-packing, circuit, cumulative, diffn, cycle	C++, Prolog	CHIP	business process, crew-scheduling, aircraft	food industry			1217	n/a
SmithBHW96 [743]	20	constraint satisfaction, resource, order, constraint programming, CSP, task, CLP, constraint logic programming			C++	OPL, Ilog Solver			real-life		1242	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
SourdN00 [745]	12	CP, make-span, resource, precedence, cmax, preemptive, order, scheduling, completion-time, constraint satisfaction, machine, job, open-shop, release-date, job-shop, flow-shop, preempt, setup-time	single machine, JSSP	cumulative, disjunctive, Disjunctive constraint		Ilog Scheduler	robot		real-life, benchmark	not-first, edge-finding, genetic algorithm	1218	n/a
SubulanC22 [748]	38	tardiness, preempt, resource, preemptive, due-date, activity, completion-time, precedence, CP, stochastic, inventory, order, BOM, breakdown, transportation, constraint programming, scheduling, task, machine, make-span, multi-objective	RCPSP, Resource-constrained Project Scheduling Problem	endBeforeStart, cumulative		Cplex, OPL	business process, offshore		real-world, real-life, benchmark	mat heuristic, genetic algorithm, meta heuristic, ant colony, particle swarm	947	n/a
SunTB19 [749]	12	preempt, constraint satisfaction, job, order, scheduling, CP, precedence, Logic-Based Benders Decomposition, explanation, tardiness, completion-time, transportation, CSP, Benders Decomposition, task, resource, make-span				Cplex	container terminal, yard crane	maritime industry	generated instance, instance generator, benchmark, github, real-life	simulated annealing, meta heuristic, genetic algorithm	1009	1626
SureshMOK06 [752]	19	task, stochastic, order, machine, CP, scheduling, buffer-capacity, distributed, job		cycle, cumulative		Z3				genetic algorithm, machine learning	1178	n/a
TanZWGQ19 [758]	10	resource, transportation, Benders Decomposition, order, completion-time, multi-objective, setup-time, periodic, task, job, flow-shop, Pareto, scheduling, precedence, make-span, two-stage scheduling, due-date, batch process, multi-agent, CP, machine, constraint programming	SCC, parallel machine	noOverlap	C++	Cplex	robot, automotive		real-world, generated instance, supplementary material	meta heuristic, particle swarm	1010	1627
TangLWSK18 [760]	28	preempt, constraint satisfaction, resource, preemptive, activity, job, constraint programming, CP, stochastic, order, multi-objective, transportation, re-scheduling, CSP, scheduling, task	RCPSP	cycle, circuit	C	Cplex, OPL	pipeline, crew-scheduling, railway			meta heuristic, genetic algorithm, neural network, particle swarm	1034	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TerekhovDOB12 [766]	15	order scheduling, constraint programming, cmax, resource, periodic, job, Benders Decomposition, completion-time, tardiness, Logic-Based Benders Decomposition, flow-shop, earliness, open-shop, due-date, distributed, preempt, make-span, precedence, single-stage scheduling, inventory, CP, activity, job-shop, scheduling, release-date, machine, lateness, order, constraint satisfaction, single-machine scheduling	parallel machine, RCPSP, Resource-constrained Project Scheduling Problem, single machine	cumulative, Balance constraint, alldifferent, disjunctive	C++	Ilog Scheduler, Ilog Solver, Cplex	robot		real-life	meta heuristic, genetic algorithm	1109	n/a
TerekhovTDB14 [767]	38	flow-shop, distributed, no preempt, preempt, make-span, task, preemptive, inventory, CP, activity, re-scheduling, job-shop, scheduling, flow-time, release-date, machine, order, constraint programming, stochastic, cmax, resource, periodic, job, completion-time, tardiness, buffer-capacity, online scheduling	single machine, parallel machine			Cplex, Ilog Scheduler	semiconductor robot		real-world	meta heuristic, genetic algorithm	1086	n/a
ThiruvadyWGS14 [771]	34	explanation, breakdown, precedence, task, make-span, activity, tardiness, distributed, constraint programming, machine, job, scheduling, order, net present value, stochastic, CP, completion-time, resource	single machine, Resource-constrained Project Scheduling Problem, psplib	cumulative				mining industry	benchmark	meta heuristic, Lagrangian relaxation, genetic algorithm, ant colony, simulated annealing, machine learning	1087	n/a
Timpe02 [774]	18	breakdown, inventory, task, resource, make-span, order, machine, activity, stock level, setup-time, job, scheduling, constraint logic programming, CP, producer/consumer, constraint programming, due-date		Balance constraint, cumulative, cycle, diffn, disjunctive	C++	CHIP, Cplex		chemical industry, process industry			1199	n/a
TopaloglugO11 [776]	10	scheduling, re-scheduling, CP, multi-objective, preempt, order, distributed, constraint logic programming, task, constraint programming, preemptive, transportation, constraint satisfaction				Cplex, OPL, Ilog Solver	nurse, physician, emergency service, patient, surgery, medical		real-life	column generation, time-tabling	1128	n/a

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Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TorresL00 [778]	12	precedence, constraint programming, CSP, CP, job-shop, resource, order, constraint satisfaction, preempt, release-date, scheduling, make-span, task, job, preemptive, machine	single machine, JSSP	disjunctive, cumulative, cycle	C++		robot		benchmark	not-last, energetic reasoning, not-first	1219	n/a
TranAB16 [781]	13	sequence dependent setup, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, setup-time, CP, make-span, explanation, single-machine scheduling, constraint logic programming, resource, precedence	PMSP, single machine, parallel machine	cycle, circuit		SCIP, Gurobi, Cplex	aircraft		benchmark	simulated annealing, meta heuristic, ant colony, genetic algorithm, column generation	1062	n/a
TranPZLDB18 [784]	17	machine, preempt, periodic, scheduling, resource, distributed, online scheduling, job, energy efficiency, make-span, preemptive, completion-time, CP, task, stochastic, re-scheduling, order	single machine	bin-packing	C++	Cplex	high performance computing		generated instance, benchmark	machine learning	1035	n/a
TranVNB17 [786]	68	Benders Decomposition, order, multi-objective, activity, Logic-Based Benders Decomposition, resource, constraint logic programming, job, scheduling, precedence, task, unavailability, multi-agent, CP, machine, re-scheduling, constraint programming, transportation		alternative constraint, Cardinality constraint, noOverlap, cumulative		OPL, MiniZinc, Cplex	robot, medical, satellite		real-world		1047	n/a
TrojetHL11 [789]	7	job-shop, activity, job, constraint programming, completion-time, CSP, precedence, CP, order, scheduling, task, machine, make-span, constraint satisfaction, distributed, due-date, constraint logic programming, resource	RCPSP	cumulative, disjunctive, diffn, cycle, alldifferent	Prolog	CHIP, SICStus	robot		real-world		1129	n/a
Tsang03 [790]	2	resource, constraint programming, explanation, constraint satisfaction, scheduling							real-life	time-tabling	1192	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
UnsalO13 [792]	15	constraint programming, CP, preempt, CSP, activity, make-span, machine, resource, unavailability, precedence, due-date, preemptive, order, scheduling, completion-time, job, task, transportation	parallel machine	alldifferent, cumulative, disjunctive		Ilog Scheduler, Cplex	yard crane, hoist, container terminal		real-life, instance generator, real-world, benchmark	GRASP, genetic algorithm, meta heuristic, large neighborhood search	1098	n/a
UnsalO19 [793]	19	constraint programming, CP, Logic-Based Benders Decomposition, preempt, COP, activity, explanation, machine, resource, release-date, re-scheduling, preemptive, order, BOM, scheduling, Benders Decomposition, completion-time, stock level, task, transportation	parallel machine	endBeforeStart, disjunctive		OPL, Cplex	container terminal		real-world, random instance	genetic algorithm, column generation	1011	n/a
VilimBC05 [811]	23	setup-time, scheduling, make-span, task, job, sequence dependent setup, batch process, machine, precedence, CLP, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity		disjunctive, cumulative, cycle					benchmark, real-life	edge-finding, not-first, not-last, sweep	1182	1661
VlkHT21 [814]	14	scheduling, CP, Logic-Based Benders Decomposition, constraint programming, explanation, tardiness, stochastic, due-date, completion-time, Benders Decomposition, periodic, online scheduling, resource, no-wait, distributed, precedence, bi-objective, order	PMSP	noOverlap, alternative constraint		OPL, Cplex, Gurobi, Z3	automotive, robot		benchmark, industrial partner, random instance, github	GRASP	968	1612
Wallace96 [816]	30	activity, constraint satisfaction, distributed, task, resource, constraint logic programming, job, explanation, scheduling, reactive scheduling, CSP, multi-agent, CP, machine, stochastic, constraint programming, job-shop, transportation, CLP, Benders Decomposition, order		circuit, disjunctive, cycle	Lisp, Prolog	CHIP, ECLiPSe, Ilog Solver, OPL	robot, train schedule, railway, telescope, automotive, aircraft	automotive industry, process industry		column generation, genetic algorithm, neural network, Lagrangian relaxation, simulated annealing, time-tabling	1243	1671

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
WallaceY20 [818]	19	job-shop, flow-shop, explanation, CP, resource, transportation, bi-objective, job, constraint programming, Benders Decomposition, cyclic scheduling, task, machine, order, scheduling, Logic-Based Benders Decomposition	CHSP	circuit, Disjunctive constraint, cumulative, disjunctive, cycle		Gecode, MiniZinc, Chuffed, OPL, Gurobi, Cplex	hoist, electroplating, container terminal, robot, yard crane		real-world, benchmark, random instance, real-life	edge-finding, genetic algorithm, time-tabling, lazy clause generation, meta heuristic	995	1623
WangMD15 [822]	13	stochastic, activity, job-shop, CP, CSP, order, make-span, job, resource, precedence, cmax, re-scheduling, scheduling, multi-objective, constraint programming, completion-time, constraint satisfaction, task, no-wait		cumulative, noOverlap		OPL, Cplex	nurse, operating room, physician, medical, patient, surgery		real-life, real-world	mat heuristic, particle swarm, time-tabling, column generation	1076	n/a
WeilHFP95 [826]	6	task, resource, job, scheduling, CSP, constraint programming, job-shop, order, constraint satisfaction		cycle, Cardinality constraint	Lisp, Prolog, C++	CHIP, OPL	patient, medical, nurse				1244	n/a
WikarekS19 [828]	22	job, constraint programming, CSP, precedence, task, setup-time, CLP, machine, order, cmax, constraint logic programming, multi-agent, scheduling, preempt, manpower, make-span, constraint satisfaction, resource, distributed, preemptive, job-shop, flow-shop, CP, inventory	JSSP, RCPSP	cumulative, disjunctive		Z3, SCIP, ECLiPSe	robot			meta heuristic	1013	n/a
WuBB09 [838]	9	distributed, resource, job, constraint optimization, single-machine scheduling, CSP, scheduling, precedence, constraint satisfaction, stochastic, machine, job-shop, constraint programming, task, order, completion-time, CP, lateness, activity, flow-time, transportation	single machine	Channeling constraint, cumulative		Ilog Solver	railway, crew-scheduling		real-world		1152	n/a
YounespourAKE19 [842]	11	re-scheduling, resource, inventory, order, cmax, precedence, constraint programming, Pareto, scheduling, completion-time, multi-objective, activity, machine, stochastic, CP, distributed, make-span		cumulative, noOverlap, alternative constraint, span constraint		OPL, Z3	nurse, surgery, medical, operating room, patient		real-life, real-world	MINLP, ant colony	1014	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
YunusogluY22 [845]	18	constraint programming, order, release-date, bi-objective, lateness, precedence, sequence dependent setup, job-shop, resource, batch process, cmax, flow-time, completion-time, earliness, scheduling, machine, transportation, tardiness, make-span, unavailability, activity, setup-time, preempt, inventory, due-date, job, re-scheduling, CP, multi-objective, breakdown	PMSP, parallel machine	bin-packing, cumulative, noOverlap, endBeforeStart		OPL, Cplex	robot, medical	insulation industry	benchmark, real-life, real-world, generated instance, supplementary material	Lagrangian relaxation, mat heuristic, particle swarm, ant colony, simulated annealing, genetic algorithm, meta heuristic, GRASP	948	1606
YuraszeckMCCR23 [848]	11	flow-time, activity, machine, task, CP, make-span, multi-objective, resource, preempt, batch process, order, job, job-shop, setup-time, cmax, open-shop, precedence, constraint programming, flow-shop, scheduling	RCPSP, Open Shop Scheduling Problem, FJS, OSSP, Resource-constrained Project Scheduling Problem, JSSP	endBeforeStart, cumulative		OPL, Cplex		pharmaceutica industry	benchmark, github, real-world	GRASP, mat heuristic, meta heuristic	919	1595
YuraszeckMPV22 [847]	26	sequence dependent setup, no-wait, transportation, scheduling, order, make-span, release-date, setup-time, distributed, constraint programming, machine, flow-shop, CP, flow-time, job, re-scheduling, due-date, cyclic scheduling, stochastic, completion-time, resource, task, open-shop, job-shop	Open Shop Scheduling Problem, OSSP, single machine, JSSP	noOverlap, disjunctive, Disjunctive constraint	Java	Cplex	robot, semiconductor, automotive	manufacturing industry	real-life, generated instance, benchmark, github	meta heuristic, mat heuristic, genetic algorithm, ant colony, simulated annealing	949	1607

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
ZarandiKS16 [851]	17	make-span, preemptive, completion-time, machine, preempt, earliness, CP, tardiness, single-machine scheduling, constraint satisfaction, order, distributed, breakdown, job, scheduling, resource, due-date, CSP, job-shop, transportation, task, constraint programming, flow-shop, multi-objective	single machine			Ilog Solver	robot		real-world	time-tabling, meta heuristic, genetic algorithm, machine learning, simulated annealing	1063	n/a
Zeballos10 [853]	19	order, multi-objective, tardiness, scheduling, task, machine, make-span, constraint satisfaction, due-date, activity, completion-time, CP, batch process, resource, breakdown, transportation, constraint programming, CSP, precedence				Ilog Solver, OPL, ECLiPSe, Ilog Scheduler	robot			ant colony	1140	n/a
ZeballosCM10 [856]	11	task, constraint programming, earliness, transportation, CLP, batch process, activity, scheduling, machine, job, re-scheduling, make-span, breakdown, order, inventory, flow-shop, CP, resource, reactive scheduling	single machine	circuit		Ilog Solver, Cplex, Z3, OPL	robot, semiconductor	process industry, semiconductor industry	real-life	simulated annealing, NEH	1141	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZeballosH05 [854]	10	make-span, order, machine, CP, tardiness, scheduling, buffer-capacity, due-date, CSP, job, activity, explanation, resource, transportation, completion-time, task, constraint satisfaction, constraint programming, precedence				OPL, Ilog Solver, Ilog Scheduler	robot			genetic algorithm	1183	n/a
ZeballosNH11 [858]	17	due-date, scheduling, job, Benders Decomposition, make-span, manpower, setup-time, preempt, order, inventory, lateness, no-wait, CP, resource, CSP, task, constraint programming, preemptive, precedence, earliness, job-shop, CLP, tardiness, batch process, activity, completion-time, constraint satisfaction				Cplex, ECLiPSe, Ilog Scheduler, OPL, OZ, Ilog Solver		chemical industry	real-world	meta heuristic	1130	n/a
ZeballosQH10 [855]	20	make-span, breakdown, preempt, order, CP, resource, multi-objective, task, constraint programming, preemptive, precedence, earliness, job-shop, transportation, tardiness, cmax, activity, completion-time, constraint satisfaction, due-date, scheduling, machine, job				ECLiPSe, Ilog Scheduler, OPL, Ilog Solver, Cplex	robot		real-world, benchmark	ant colony, genetic algorithm	1142	n/a
ZhangW18 [862]	18	job, no-wait, lateness, transportation, unavailability, multi-agent, breakdown, tardiness, scheduling, multi-objective, constraint programming, completion-time, flow-shop, stochastic, setup-time, job-shop, CP, earliness, preempt, flow-time, distributed, resource, precedence, re-scheduling, order, make-span, machine	FJS	cumulative, noOverlap		Cplex, Z3, OPL	robot		benchmark	meta heuristic, ant colony, particle swarm, simulated annealing, genetic algorithm, memetic algorithm	1036	n/a
ZhangYW21 [861]	10	job, constraint satisfaction, preempt, setup-time, scheduling, precedence, make-span, task, preemptive, batch process, multi-agent, cmax, CP, machine, re-scheduling, constraint programming, order, multi-objective, activity, release-date, distributed, job-shop, resource	RCPSP, Resource-constrained Project Scheduling Problem	disjunctive, endBeforeStart		Cplex	robot		benchmark	memetic algorithm, meta heuristic, simulated annealing, genetic algorithm, particle swarm, ant colony	969	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Zhou97 [866]	29	job-shop, due-date, constraint programming, task, order, preempt, preemptive, completion-time, constraint logic programming, CP, precedence, job, explanation, CLP, release-date, CSP, scheduling, constraint satisfaction, machine		Disjunctive constraint, disjunctive, cumulative	Prolog	CHIP, Z3, Ilog Scheduler			benchmark	edge-finder, edge-finding	1237	1670
ZhuSZW23 [869]	22	order, scheduling, completion-time, machine, job, task, open-shop, transportation, multi-agent, cmax, constraint programming, job-shop, Benders Decomposition, Logic-Based Benders Decomposition, constraint satisfaction, preempt, CSP, setup-time, CP, make-span, distributed, resource, inventory, precedence, re-scheduling		alternative constraint, disjunctive, noOverlap, endBeforeStart		Cplex	robot	cable industry	real-world, benchmark	ant colony, particle swarm, genetic algorithm, column generation	920	n/a
ZouZ20 [872]	10	resource, explanation, multi-objective, CSP, scheduling, constraint satisfaction, stochastic, constraint programming, task, order, completion-time, CP, activity, two-stage scheduling, precedence, distributed		noOverlap, span constraint, endBeforeStart, cumulative		Cplex, OPL	pipeline		benchmark	meta heuristic, genetic algorithm	997	n/a
abs-0907-0939 [655]	12	constraint programming, resource, explanation, CSP, due-date, preempt, make-span, task, preemptive, CP, activity, scheduling, release-date, order		Cumulatives constraint, RelSoftCumulativeSum, cumulative, SoftCumulative, SoftCumulativeSum, Cardinality constraint, RelSoftCumulative	Java	Choco Solver, CHIP			real-world	sweep, energetic reasoning, edge-finding	1154	n/a
abs-1009-0347 [718]	37	constraint programming, cmax, resource, explanation, preempt, make-span, task, precedence, preemptive, CP, activity, scheduling, machine, order	RCPSP, SCC, Resource-constrained Project Scheduling Problem, psplib	cumulative, disjunctive, cycle	C++	Ilog Scheduler, Ilog Solver, CHIP			benchmark, instance generator	genetic algorithm, lazy clause generation	1143	n/a
abs-1901-07914 [103]	8	constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span			Python	OR-Tools, MiniZinc	robot		real-world, github, benchmark		1015	1628

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
abs-1902-01193 [19]	9	CSP, constraint satisfaction, constraint optimization, CLP, scheduling, activity, BOM, constraint programming, CP, order, constraint logic programming, stochastic, resource, task			Python, C++, Prolog	CHIP, Ilog Solver, OPL	medical, nurse			simulated annealing, meta heuristic, timetabling, genetic algorithm, particle swarm	1016	n/a
abs-1902-09244 [373]	62	setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	cycle, cumulative, endBeforeStart		OPL, Cplex	aircraft	automobile industry, steel industry, food-processing industry, glass industry, processing industry	real-world, benchmark, industry partner	genetic algorithm, particle swarm, simulated annealing, meta heuristic	1017	n/a
abs-1911-04766 [311]	16	explanation, precedence, task, release-date, activity, multi-objective, scheduling, order, make-span, due-date, constraint programming, CP, completion-time, resource, job, re-scheduling	RCPSP, Resource-constrained Project Scheduling Problem	alternative constraint, endBeforeStart, noOverlap, Cardinality constraint, cumulative, disjunctive	Java	CPO, Cplex, MiniZinc, Chuffed, Gecode	automotive		real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner	simulated annealing, meta heuristic, timetabling, large neighborhood search	1018	1629
abs-2102-08778 [206]	10	task, machine, flow-shop, scheduling, order, make-span, constraint programming, CP, resource, job, open-shop, job-shop, explanation	JSSP		Java	Cplex, OR-Tools, MiniZinc, OPL, CPO			benchmark, real-life, real-world, generated instance	genetic algorithm	970	n/a
abs-2211-14492 [750]	17	distributed, flow-shop, multi-objective, transportation, scheduling, order, make-span, setup-time, activity, due-date, constraint programming, machine, CP, job, energy efficiency, cmax, completion-time, constraint satisfaction, resource, precedence, constraint optimization, task, job-shop, tardiness	single machine	bin-packing, disjunctive, cumulative, Disjunctive constraint	Python	OR-Tools, Cplex	semiconductor		generated instance, benchmark, random instance	quadratic programming, neural network, reinforcement learning, column generation, genetic algorithm, deep learning, ant colony, machine learning, meta heuristic	950	n/a

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

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
abs-2305-19888 [388]	42	sequence dependent setup, distributed, flow-shop, scheduling, order, make-span, preempt, setup-time, activity, constraint programming, machine, CP, job, re-scheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, resource, precedence, task	parallel machine	alternative constraint, noOverlap, cumulative		Gurobi	robot, high performance computing		gitlab, generated instance, real-world, benchmark	meta heuristic, Lagrangian relaxation, genetic algorithm	921	1596
abs-2306-05747 [763]	9	re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop	JSSP	noOverlap, disjunctive, cumulative	Java	Choco Solver			real-world, github, industrial instance, supplementary material, benchmark	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing	922	1597
abs-2312-13682 [650]	20	activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task		table constraint, cumulative		OPL	container terminal, train schedule, nurse, steel mill, operating room		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	923	1598

abs-2402-00459 [610]	21	job-shop, tardiness, multi-objective, scheduling, order, net present value, constraint programming, machine, CP, job, multi-agent, due-date, earliness, completion-time, resource, precedence, task	single machine, Resource-constrained Project Scheduling Problem	Disjunctive constraint, bin-packing, disjunctive, cumulative	OPL, Tools	OR-	mining industry	instance generator, real-world, generated instance, benchmark, github	particle swarm, simulated annealing, meta heuristic, quadratic programming, Lagrangian relaxation, neural network, reinforcement learning, column generation, mat heuristic, genetic algorithm, ant colony, machine learning	891	1578

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 [286]	Combining optimisation and simulation using logic-based Benders decomposition	benchmark, real-life, github	1					888	1348
PrataAN23 PrataAN23 [668]	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis	real-life, benchmark, real-world	1	-		-	-	890	1490
abs-2402-00459 abs-2402-00459 [610]	Genetic-based Constraint Programming for Resource Constrained Job Scheduling	instance generator, real-world, generated instance, benchmark, github	2	y		n	-	891	1575
AbreuNP23 AbreuNP23 [223]	A new two-stage constraint programming approach for open shop scheduling problem with machine blocking	real-world, benchmark	10	?		?	?	892	1255
Adelgren2023 Adelgren2023 [10]	On the utility of production scheduling formulations including record keeping variables	benchmark, real-life, github, generated instance, supplementary material	12					894	1257
AfsarVPG23 AfsarVPG23 [11]	Mathematical models and benchmarking for the fuzzy job shop scheduling problem	benchmark, real-life, supplementary material, real-world	96					895	1258
AkramNHRSA23 AkramNHRSA23 [18]	Joint Scheduling and Routing Optimization for Deterministic Hybrid Traffic in Time-Sensitive Networks Using Constraint Programming	benchmark	0	n		n	-	896	1260
Caballero23 Caballero23 [167]	Scheduling through logic-based tools		1	-		-	PhD Thesis	899	1313
Fatemi-AnarakiTFV23 Fatemi-AnarakiTFV23 [279]	Scheduling of Multi-Robot Job Shop Systems in Dynamic Environments: Mixed-Integer Linear Programming and Constraint Programming Approaches	random instance, github, real-world	2					902	1346
GokPTGO23 GokPTGO23 [329]	Constraint-based robust planning and scheduling of airport apron operations through simheuristics	real-world, github	10					904	1354
GuoZ23 GuoZ23 [353]	Capacity reservation for humanitarian relief: A logic-based Benders decomposition method with subgradient cut	real-world, supplementary material, benchmark, github	14					905	1362
GurPAE23 GurPAE23 [354]	Operating room scheduling with surgical team: a new approach with constraint programming and goal programming	real-life	0	n		n	-	906	1364
IsikYA23 IsikYA23 [422]	Constraint programming models for the hybrid flow shop scheduling problem and its extensions	benchmark, generated instance, real-life, real-world	4	y		y	-	907	1394

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
LacknerMMWW23 LacknerMMWW23 [487]	Exact methods for the Oven Scheduling Problem	zenodo, random instance, benchmark, instance generator, real-life, industrial partner	0	DZN JSON		y	[486]	909	1419
MontemanniD23 MontemanniD23 [582]	Solving the Parallel Drone Scheduling Traveling Salesman Problem via Constraint Programming	benchmark, supplementary material	6	ref	y	n	-	911	1453
MontemanniD23a MontemanniD23a [581]	Constraint programming models for the parallel drone scheduling vehicle routing problem	benchmark	0	ref		n	-	912	1454
NaderiBZR23 NaderiBZR23 [596]	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	supplementary material, benchmark, real-world, real-life, generated instance	7					914	1459
NaderiRR23 NaderiRR23 [601]	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	github, benchmark	8					915	1460
ShaikhK23 ShaikhK23 [727]	Management of electronic ledger: a constraint programming approach for solving curricula scheduling problems	benchmark, real-world	2	?		?	?	918	1514
YuraszeckMCCR23 YuraszeckMCCR23 [848]	A Constraint Programming Formulation of the Multi-Mode Resource-Constrained Project Scheduling Problem for the Flexible Job Shop Scheduling Problem	benchmark, github, real-world	0	ref		n	-	919	1550
abs-2305-19888 abs-2305-19888 [388]	Constraint Programming and Constructive Heuristics for Parallel Machine Scheduling with Sequence-Dependent Setups and Common Servers	gitlab, generated instance, real-world, benchmark	1	y	y	n	-	921	1572
abs-2306-05747 abs-2306-05747 [763]	An End-to-End Reinforcement Learning Approach for Job-Shop Scheduling Problems Based on Constraint Programming	real-world, github, industrial instance, supplementary material, benchmark	0	ref		n	-	922	1573
abs-2312-13682 abs-2312-13682 [650]	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports: Extended	real-world, generated instance	0	n		n	-	923	1574
AbreuN22 AbreuN22 [222]	A new hybridization of adaptive large neighborhood search with constraint programming for open shop scheduling with sequence-dependent setup times	real-world, benchmark	0	y		n	-	924	1254
CampeauG22 CampeauG22 [170]	Short- and medium-term optimization of underground mine planning using constraint programming	real-life, real-world	0	ref		n		927	1314
ColT22 ColT22 [213]	Industrial-size job shop scheduling with constraint programming	supplementary material, benchmark, generated instance, github, real-life, real-world	4					929	1324

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
EmdeZD22 EmdeZD22 [260]	Point-to-point and milk run delivery scheduling: models, complexity results, and algorithms based on Benders decomposition	github, random instance	7					931	1335
FarsiTM22 FarsiTM22 [278]	Integrated surgery scheduling by constraint programming and meta-heuristics	supplementary material	10					933	1345
HeinzNVH22 HeinzNVH22 [387]	Constraint Programming and constructive heuristics for parallel machine scheduling with sequence-dependent setups and common servers	real-world, generated instance, benchmark, gitlab	3					935	1380
MullerMKP22 MullerMKP22 [587]	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning	random instance, benchmark, github, real-world	3					940	1455
YunusogluY22 YunusogluY22 [845]	Constraint programming approach for multi-resource-constrained unrelated parallel machine scheduling problem with sequence-dependent setup times	benchmark, real-life, real-world, generated instance, supplementary material	10					948	1549
YuraszeckMPV22 YuraszeckMPV22 [847]	A Novel Constraint Programming Decomposition Approach for the Total Flow Time Fixed Group Shop Scheduling Problem	real-life, generated instance, benchmark, github	5					949	1551
AbohashimaEG21 AbohashimaEG21 [3]	A Mathematical Programming Model and a Firefly-Based Heuristic for Real-Time Traffic Signal Scheduling With Physical Constraints	real-world, generated instance, github	0					951	1252
HamP21 HamP21 [361]	Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study	real-world, benchmark, github	1					958	1372
HamPK21 HamPK21 [362]	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming	benchmark, github	4					959	1373
KoehlerBFFHPSSS21 KoehlerBFFH-PSSS21 [458]	Cable tree wiring - benchmarking solvers on a real-world scheduling problem with a variety of precedence constraints	real-world, benchmark, github	9	DZN		y	-	961	1406
VlkHT21 VlkHT21 [814]	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	benchmark, industrial partner, random instance, github	0					968	1541
BenediktMH20 BenediktMH20 [113]	Power of pre-processing: production scheduling with variable energy pricing and power-saving states	benchmark, generated instance, random instance, github	4	JSON		y		976	1295
CauwelaertDS20 CauwelaertDS20 [187]	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	real-life, generated instance, benchmark, bitbucket	2					978	1317
FachiniA20 FachiniA20 [270]	Logic-based Benders decomposition for the heterogeneous fixed fleet vehicle routing problem with time windows	supplementary material, real-world, github, benchmark, real-life	6					979	1340
FallahiAC20 FallahiAC20 [275]	Tabu search and constraint programming-based approach for a real scheduling and routing problem	real-life, github	0					980	1343

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
HauderBRPA20 HauderBRPA20 [374]	Resource-constrained multi-project scheduling with activity and time flexibility	industry partner, benchmark, real-world, supplementary material	0					984	1377
LunardiBLRV20 LunardiBLRV20 [536]	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem	benchmark, github, random instance, generated instance	1					986	1435
MejiaY20 MejiaY20 [560]	A self-tuning variable neighborhood search algorithm and an effective decoding scheme for open shop scheduling problems with travel/setup times	supplementary material, benchmark, generated instance	2					987	1442
MengZRZL20 MengZRZL20 [566]	Mixed-integer linear programming and constraint programming formulations for solving distributed flexible job shop scheduling problem	benchmark, supplementary material	0					988	1447
Polo-MejiaALB20 Polo-MejiaALB20 [662]	Mixed-integer/linear and constraint programming approaches for activity scheduling in a nuclear research facility	github, Roadef	2					991	1488
SacramentoSP20 SacramentoSP20 [701]	Constraint Programming and Local Search Heuristic: a Matheuristic Approach for Routing and Scheduling Feeder Vessels in Multi-terminal Ports	benchmark, real-life, zenodo, real-world	4					994	1504
WallaceY20 WallaceY20 [818]	A new constraint programming model and solving for the cyclic hoist scheduling problem	real-world, benchmark, random instance, real-life	2	DZN		y		995	1543
ColT2019a ColT2019a [212]	Google vs IBM: A Constraint Solving Challenge on the Job-Shop Scheduling Problem	benchmark, github, real-world	1					999	1323
HoundjiSW19 HoundjiSW19 [416]	The item dependent stockingcost constraint	random instance, benchmark, bitbucket	2					1004	1392
SunTB19 SunTB19 [749]	A Benders decomposition-based framework for solving quay crane scheduling problems	generated instance, instance generator, benchmark, github, real-life	1					1009	1523
TanZWGQ19 TanZWGQ19 [758]	A Hybrid MIP–CP Approach to Multistage Scheduling Problem in Continuous Casting and Hot-Rolling Processes	real-world, generated instance, supplementary material	0					1010	1525
abs-1901-07914 abs-1901-07914 [103]	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	real-world, github, benchmark	0					1015	1566
abs-1911-04766 abs-1911-04766 [311]	Investigating Constraint Programming and Hybrid Methods for Real World Industrial Test Laboratory Scheduling	real-world, benchmark, github, real-life, instance generator, generated instance, industrial partner	10					1018	1569
CauwelaertLS18 CauwelaertLS18 [186]	How efficient is a global constraint in practice? - A fair experimental framework	benchmark, bitbucket	1					1022	1318

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
FahimiOQ18 FahimiOQ18 [272]	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	benchmark, random instance	0	(y)		n		1023	1341
GoldwaserS18 GoldwaserS18 [332]	Optimal Torpedo Scheduling	github, instance generator, benchmark, generated instance	0					1026	1356
LaborieRSV18 LaborieRSV18 [484]	IBM ILOG CP optimizer for scheduling - 20+ years of scheduling with constraints at IBM/ILOG	CSPlib, benchmark, real-world	3	-		-	-	1031	1418
ShinBBHO18 ShinBBHO18 [730]	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling	github, real-world	4					1033	1515
KreterSS17 KreterSS17 [474]	Using constraint programming for solving RCPSP/max-cal	benchmark	5	dead			[473]	1042	1411
NattafAL17 NattafAL17 [604]	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	real-world	2	n		n	-	1043	1462
SchnellH17 SchnellH17 [712]	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs	benchmark, supplementary material	6					1046	1511
Kameugne15 Kameugne15 [439]	Propagation techniques of resource constraint for cumulative scheduling		2	-		-	PhDThesis	1069	1401
LetortCB15 LetortCB15 [499]	Synchronized sweep algorithms for scalable scheduling constraints	generated instance, benchmark, random instance, Roadef	4	dead		-	[498]	1070	1421
NattafAL15 NattafAL15 [603]	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	generated instance	1	n		n		1071	1461
SchnellH15 SchnellH15 [711]	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations	real-life, benchmark, supplementary material	3					1073	1510
Siala15 Siala15 [731]	Search, propagation, and learning in sequencing and scheduling problems	github, Roadef, CSPlib, real-world, benchmark, random instance	2	-		-	PhD Thesis	1074	1516
SimoninAHL15 SimoninAHL15 [735]	Scheduling scientific experiments for comet exploration		0	n		n	[734]	1075	1517
KameugneFSN14 KameugneFSN14 [444]	A quadratic edge-finding filtering algorithm for cumulative resource constraints	random instance, benchmark	2	y			[443]	1082	1403
HeinzSB13 HeinzSB13 [386]	Using dual presolving reductions to reformulate cumulative constraints	benchmark	1	ref		-	-	1092	1381
MenciaSV13 MenciaSV13 [563]	Intensified iterative deepening A* with application to job shop scheduling	benchmark, real-life, supplementary material	0					1095	1444
OzturkTHO13 OzturkTHO13 [638]	Balancing and scheduling of flexible mixed model assembly lines	real-world, real-life	2	y		-	-	1096	1479

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
SchuttFSW13 SchuttFSW13 [720]	Solving RCPSP/max by lazy clause generation	supplementary material, benchmark	6					1097	1513
HeinzSSW12 HeinzSSW12 [384]	Solving steel mill slab design problems	CSPlib, real-world	2	Cplex		dead	-	1100	1382
LimtanyakulS12 LimtanyakulS12 [510]	Improvements of constraint programming and hybrid methods for scheduling of tests on vehicle prototypes	real-life, generated instance, industrial partner, benchmark, random instance	1	dead		-	-	1101	1424
LombardiM12 LombardiM12 [524]	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	real-world, benchmark	0	-		-	-	1102	1427
BartakS11 BartakS11 [75]	Constraint satisfaction for planning and scheduling problems	random instance, real-world, real-life	2	-		-		1113	1279
KovacsB11 KovacsB11 [467]	A global constraint for total weighted completion time for unary resources	benchmark	2	n		n	-	1122	1409
KovacsK11 KovacsK11 [469]	Constraint programming approach to a bilevel scheduling problem		2	n		n	-	1123	1410
SchausHMCMD11 SchausHMCMD11 [709]	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	CSPlib, generated instance, benchmark	3	dead				1126	1508
SchuttFSW11 SchuttFSW11 [719]	Explaining the cumulative propagator	benchmark, real-world	7	PSPLib		-	-	1127	1512
LopesCSM10 LopesCSM10 [528]	A hybrid model for a multiproduct pipeline planning and scheduling problem	real-world, benchmark	2	-		-	[586, 585]	1137	1431
Simonis07 Simonis07 [739]	Models for Global Constraint Applications		0	n		n		1171	1518
Hooker06 Hooker06 [405]	An Integrated Method for Planning and Scheduling to Minimize Tardiness	random instance	2	n		n	[403]	1174	1386
Hooker05 Hooker05 [402]	A Hybrid Method for the Planning and Scheduling	random instance	0	n		n	[401]	1180	1385
VilimBC05 VilimBC05 [811]	Extension of $O(n \log n)$ Filtering Algorithms for the Unary Resource Constraint to Optional Activities	benchmark, real-life	0	n		n	[810]	1182	1540
BaptisteP00 BaptisteP00 [66]	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	benchmark	0	n		n		1205	1276
HeipckeCCS00 HeipckeCCS00 [389]	Scheduling under Labour Resource Constraints	instance generator, benchmark	0	dead		n	-	1211	1383
SakkoutW00 SakkoutW00 [706]	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	benchmark, real-world	0	n		n	-	1215	1507
SchildW00 SchildW00 [710]	Scheduling of Time-Triggered Real-Time Systems		0	n		n	-	1216	1509
BensanaLV99 BensanaLV99 [121]	Earth Observation Satellite Management	benchmark	0	?		-	-	1221	1297
BelhadjiI98 BelhadjiI98 [110]	Temporal Constraint Satisfaction Techniques in Job Shop Scheduling Problem Solving	real-life	0	n		n	-	1228	1294
PapaB98 PapaB98 [644]	Resource Constraints for Preemptive Job-shop Scheduling	benchmark	0	dead		-	-	1232	1482
Darby-DowmanLMZ97 Darby-DowmanLMZ97 [217]	Constraint Logic Programming and Integer Programming Approaches and Their Collaboration in Solving an Assignment Scheduling Problem	benchmark, real-life, real-world	0	n		n	-	1233	1327

Table 7: Manually Defined ARTICLE Properties

Key	Title (Local Copy)	Bench	Links	Data Avail	Sol Avail	Code Avail	Related To	a	b
Zhou97 Zhou97 [866]	A Permutation-Based Approach for Solving the Job-Shop Problem	benchmark	0	n		n	[865]	1237	1561
Wallace96 Wallace96 [816]	Practical Applications of Constraint Programming		0	-		-	-	1243	1542

4 Authors

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
J. Christopher Beck	57	809	LuoB22 [539], ZhangBB22 [860], TangB20 [759], RoshanaeiBAUB20 [694], SenderovichBB19 [725], TranPZLDB18 [784], TranVNB17 [786], TranVNB17a [787], CohenHB17 [205], BoothNB16 [147], KuB16 [476], TranAB16 [781], TranWDRFOVB16 [788], LuoVLBM16 [538], TranDRFWOVB16 [783], BoothTNB16 [148], BajestaniB15 [57], KoschB14 [463], TerekhovTDB14 [767], LouieVNB14 [531], HeinzSB13 [386], HeinzKB13 [383], BajestaniB13 [56], TranTDB13 [785], HeinzB12 [382], TerekhovDOB12 [766], TranB12 [782], ZarandiB12 [280], KovacsB11 [467], BeckFW11 [90], HeckmanB11 [381], BajestaniB11 [55], Beck10 [85], WuBB09 [838], BidotVLB09 [124], CarchraeB09 [173], WatsonB08 [825], KovacsB08 [466], BeckW07 [99], Beck07 [84], KovacsB07 [465], Beck06 [83], CarchraeBF05 [174], WuBB05 [837], BeckW05 [98], BeckW04 [97], BeckR03 [96], BeckPS03 [95], BeckF00 [94], BeckF00a [93], Beck99 [82], BeckF99 [92], BeckF98 [91], BeckDDF98 [86], BeckDF97 [87], BeckDSF97 [88], BeckDSF97a [89]
Michela Milano	34	341	BorghesiBLMB18 [149], BonfiettiZLM16 [145], BridiBLMB16 [158], BridiLBBM16 [159], LombardiBM15 [518], BartoliniBBLM14 [78], BonfiettiLM14 [143], BonfiettiLBM14 [141], BonfiettiLM13 [142], LombardiM13 [525], LombardiMB13 [526], LombardiM12 [524], BonfiettiLBM12 [140], LombardiM12a [523], BonfiettiM12 [144], BonfiettiLBM11 [139], LombardiBMB11 [519], BeniniLMR11 [119], Milano11 [571], LombardiM10 [522], LombardiM10a [521], LombardiMRB10 [527], LombardiM09 [520], RuggieroBBMA09 [700], MilanoW09 [574], BeniniLMR08 [118], BeniniLMMR08 [117], BeniniBGM06 [116], MilanoW06 [573], BeniniBGM05 [115], MilanoORT02 [572], BosiM2001 [150], LammaMM97 [490], BrusoniCLMMT96 [162]
Michele Lombardi	27	222	BorghesiBLMB18 [149], CauwelaertLS18 [186], BonfiettiZLM16 [145], BridiBLMB16 [158], BridiLBBM16 [159], LombardiBM15 [518], CauwelaertLS15 [185], BartoliniBBLM14 [78], BonfiettiLM14 [143], BonfiettiLBM14 [141], BonfiettiLM13 [142], LombardiM13 [525], LombardiMB13 [526], LombardiM12 [524], BonfiettiLBM12 [140], LombardiM12a [523], BonfiettiLBM11 [139], LombardiBMB11 [519], BeniniLMR11 [119], LombardiM10 [522], LombardiM10a [521], Lombardi10 [517], LombardiMRB10 [527], LombardiM09 [520], BeniniLMR08 [118], BeniniLMMR08 [117], HoeveGSL07 [800]
Andreas Schutt	27	322	YangSS19 [839], KreterSSZ18 [475], GoldwaserS18 [332], MusliuSS18 [594], KreterSS17 [474], YoungFS17 [843], GoldwaserS17 [331], SchuttS16 [722], SzerediS16 [754], KreterSS15 [473], EvenSH15 [268], EvenSH15a [269], SchuttFSW15 [721], ThiruvadyWGS14 [771], GuSSWC14 [350], SchuttFS13 [716], SchuttFS13a [715], GuSS13 [349], SchuttFSW13 [720], ChuGNSW13 [193], SchuttCSW12 [714], SchuttFSW11 [719], Schutt11 [713], SchuttW10 [723], abs-1009-0347 [718], SchuttFSW09 [717], SchuttWS05 [724]
Peter J. Stuckey	25	460	GokGSTO20 [328], YangSS19 [839], DemirovicS18 [232], KreterSSZ18 [475], MusliuSS18 [594], KreterSS17 [474], SchuttS16 [722], BlomPS16 [130], KreterSS15 [473], BurtLPS15 [164], SchuttFSW15 [721], BlomBPS14 [129], LipovetzkyBPS14 [511], GuSSWC14 [350], SchuttFS13 [716], SchuttFS13a [715], GuSS13 [349], SchuttFSW13 [720], SchuttCSW12 [714], GuSW12 [351], SchuttFSW11 [719], BandaSC11 [225], abs-1009-0347 [718], SchuttFSW09 [717], OhrimenkoSC09 [628]
John N. Hooker	25	1585	ElciOH22 [255], Hooker19 [410], HechingHK19 [379], Hooker17 [409], HookerH17 [414], HechingH16 [380], CireCH16 [199], HarjunkoskiMBC14 [370], CireCH13 [198], CobanH11 [204], CobanH10 [203], Hooker10 [408], Hooker07 [407], Hooker06 [405], Hooker06a [406], Hooker05 [402], Hooker05a [403], Hooker05b [404], Hooker04 [401], HookerO03 [412], HookerY02 [415], Hooker02 [400], Hooker00 [399], HookerOTK00 [413], HookerO99 [411]
Mark G. Wallace	21	511	WallaceY20 [818], He0GLW18 [375], SchuttFSW15 [721], ThiruvadyWGS14 [771], GuSSWC14 [350], SchuttFSW13 [720], SchuttCSW12 [714], GuSW12 [351], SchuttFSW11 [719], abs-1009-0347 [718], SchuttFSW09 [717], MilanoW09 [574], MilanoW06 [573], Wallace06 [817], AjiliW04 [17], EreminW01 [262], SakkoutW00 [706], RodosekWH99 [688], RodosekW98 [687], Wallace96 [816], Wallace94 [815]
Pierre Lopez	21	178	JuvinHHL23 [433], JuvinHL23a [436], JuvinHL23 [435], HebrardALLCMR22 [376], JuvinHL22 [434], Polo-MejiaALB20 [662], NattafHKAL19 [607], NattafAL17 [604], NattafALR16 [605], SimoninAHL15 [735], NattafAL15 [603], ArtiguesL14 [44], ArtiguesLH13 [45], SimoninAHL12 [734], BillautHL12 [125], LahimerLH11 [488], TrojetHL11 [789], BriandHHL08 [157], EsquirolLH2008 [266], LopezAKYG00 [529], TorresL00 [778]
Christian Artigues	19	339	PovedaAA23 [665], PohlAK22 [660], HebrardALLCMR22 [376], ArtiguesHQT21 [43], Polo-MejiaALB20 [662], NattafHKAL19 [607], NattafAL17 [604], NattafALR16 [605], SimoninAHL15 [735], NattafAL15 [603], SialaAH15 [733], ArtiguesL14 [44], ArtiguesLH13 [45], SimoninAHL12 [734], ArtiguesF07 [42], NeronABCDD06 [623], DemasseyAM05 [231], ArtiguesBF04 [40], ArtiguesR00 [46]
Emmanuel Hebrard	17	71	JuvinHHL23 [433], HebrardALLCMR22 [376], AntuoriHHEN21 [30], ArtiguesHQT21 [43], GodetLHS20 [326], AntuoriHHEN20 [29], HebrardHJMPV16 [377], SimoninAHL15 [735], SialaAH15 [733], GrimesH15 [341], BessiereHMQW14 [123], SimoninAHL12 [734], BillautHL12 [125], GrimesH11 [340], GrimesH10 [339], GrimesHM09 [342], HebrardTW05 [378]
Helmut Simonis	17	155	ArmstrongGOS22 [37], ArmstrongGOS21 [36], AntunesABD20 [28], AntunesABD18 [27], HurleyOS16 [420], KinsellaS0OS16 [452], GrimesIOS14 [343], IfrimOS12 [421], SimonisH11 [742], Simonis07 [739], SimonisCK00 [740], Simonis99 [738], SimonisC95 [741], Simonis95 [737], Simonis95a [736], DincbasS91 [240], DincbasSH90 [241]
Pierre Schaus	16	91	CauwelaertDS20 [187], ThomasKS20 [772], HoundjiSW19 [416], CappartTSR18 [172], CauwelaertLS18 [186], CappartS17 [171], CauwelaertDMS16 [184], DejemeppeCS15 [228], GayHLS15 [304], GayHS15 [305], GayHS15a [306], CauwelaertLS15 [185], HoundjiSWD14 [417], GaySS14 [307], SchausHMCMD11 [709], SchausD08 [708]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Nicolas Beldiceanu	15	475	Madi-WambaLOBM17 [543], Madi-WambaB16 [542], LetortCB15 [499], LetortCB13 [498], LetortBC12 [497], ClercqPBJ11 [202], BeldiceanuCDP11 [106], BeldiceanuCP08 [107], PoderB08 [658], BeldiceanuP07 [109], PoderBS04 [659], BeldiceanuC02 [105], BeldiceanuC01 [104], BeldiceanuC94 [108], AggounB93 [12]
Luca Benini	15	183	BorghesiBLMB18 [149], BridiBLMB16 [158], BridiLBBM16 [159], BonfiettiLBM14 [141], LombardiMB13 [526], BonfiettiLBM12 [140], BonfiettiLBM11 [139], LombardiBMB11 [519], BeniniLMR11 [119], LombardiMRB10 [527], RuggieroBBMA09 [700], BeniniLMR08 [118], BeniniLMMR08 [117], BeniniBGM06 [116], BeniniBGM05 [115]
Philippe Baptiste	13	475	BaptisteB18 [62], Baptiste09 [61], BaptisteLPN06 [63], NeronABCDD06 [623], ArtiouchineB05 [47], Baptiste02 [60], BaptistePN01 [67], BaptisteP00 [66], BaptistePN99 [64], PapaB98 [644], BaptisteP97 [65], PapeB97 [643], PapeB96 [642]
Philippe Laborie	13	530	LunardiBLRV20 [536], LaborieRSV18 [484], Laborie18a [483], MelgarejoLS15 [15], VilimLS15 [812], LaborieR14 [485], Laborie09 [482], BidotVLB09 [124], BaptisteLPN06 [63], NeronABCDD06 [623], GodardLN05 [324], Laborie03 [481], FocacciLN00 [283]
Pascal Van Hentenryck	13	180	KotaryFH22 [464], KletzanderMH21 [457], FontaineMH16 [285], EvenSH15 [268], EvenSH15a [269], SchausHMCMD11 [709], MonetteDH09 [580], DoomsH08 [244], HentenryckM08 [392], MercierH08 [567], MercierH07 [568], HentenryckM04 [391], DincbasSH90 [241]
Roman Barták	11	88	SvancaraB22 [753], JelinekB16 [427], BartakV15 [77], Bartak14 [73], BartakS11 [75], BartakCS10 [74], BartakSR10 [76], VilimBC05 [811], VilimBC04 [810], Bartak02 [72], Bartak02a [71]
Claude Le Pape	11	608	BaptisteLPN06 [63], DannaP04 [214], BaptistePN01 [67], BaptisteP00 [66], BaptistePN99 [64], PapaB98 [644], NuijtenP98 [622], BaptisteP97 [65], PapeB97 [643], PapeB96 [642], Pape94 [641]
Nysret Musliu	11	16	LacknerMMWW23 [487], WinterMMW22 [829], LacknerMMWW21 [486], GeibingerKKMMW21 [310], GeibingerMM21 [313], KletzanderMH21 [457], KletzanderM20 [456], GeibingerMM19 [312], abs-1911-04766 [311], MusliuSS18 [594], KletzanderM17 [455]
Mark S. Fox	11	179	BeckF00 [94], BeckF00a [93], BeckF99 [92], BeckF98 [91], BeckDDF98 [86], BeckDF97 [87], BeckDSF97 [88], BeckDSF97a [89], SadehF96 [702], FoxS90 [289], FoxAS82 [288]
Tony T. Tran	11	141	TranPZLDB18 [784], TranVNB17 [786], TranVNB17a [787], TranAB16 [781], TranWDRFOVB16 [788], TranDRFWOVB16 [783], FrankDT16 [290], BoothTNB16 [148], TerekhovTDB14 [767], TranTDB13 [785], TranB12 [782]
Petr Vilím	11	313	LaborieRSV18 [484], VilimLS15 [812], Vilim11 [809], Vilim09 [807], Vilim09a [808], VilimBC05 [811], Vilim05 [806], VilimBC04 [810], Vilim04 [805], Vilim03 [804], Vilim02 [803]
Alessio Bonfietti	10	18	BonfiettiZLM16 [145], Bonfietti16 [138], LombardiBM15 [518], BonfiettiLM14 [143], BonfiettiLBM14 [141], BonfiettiLM13 [142], BonfiettiLBM12 [140], BonfiettiM12 [144], BonfiettiLBM11 [139], LombardiBMB11 [519]
Mats Carlsson	10	135	WessenCS20 [827], MossigeGSMC17 [584], LetortCB15 [499], LetortCB13 [498], LetortBC12 [497], LozanoCDS12 [532], BeldiceanuCDP11 [106], BeldiceanuCP08 [107], BeldiceanuC02 [105], BeldiceanuC01 [104]
Margaux Nattaf	10	49	BonninMNE24 [146], PenzDN23 [648], NattafM20 [608], MalapertN19 [549], NattafDYW19 [606], NattafHKAL19 [607], NattafAL17 [604], Nattaf16 [602], NattafALR16 [605], NattafAL15 [603]
Louis-Martin Rousseau	10	232	CappartTSR18 [172], DoulabiRP16 [249], PesantRR15 [653], DoulabiRP14 [248], MalapertCGJLR13 [547], MalapertCGJLR12 [546], ChapadosJR11 [191], HachemiGR11 [356], CastroGR10 [182], CorreaLR07 [209]
Narendra Jussien	9	199	MalapertCGJLR13 [547], MalapertCGJLR12 [546], ClercqPBJ11 [202], HladikCDJ08 [397], CambazardJ05 [169], CambazardHDJT04 [168], ElkhyariGJ02 [258], ElkhyariGJ02a [259], JussienL02 [432]
Wim Nuijten	9	512	BaptisteLPN06 [63], GodardLN05 [324], BaptistePN01 [67], SourdN00 [745], FocacciLN00 [283], BaptistePN99 [64], NuijtenP98 [622], NuijtenA96 [621], NuijtenA94 [620]
Claude-Guy Quimper	9	25	BoudreaultSLQ22 [152], OuelletQ22 [634], Mercier-AubinGQ20 [569], FahimiOQ18 [272], KameugneFGOQ18 [440], OuelletQ18 [633], GingrasQ16 [322], BessiereHMQW14 [123], OuelletQ13 [632]
Armin Wolf	9	51	GeitzGSSW22 [314], Wolf11 [832], SchuttW10 [723], Wolf09 [835], WolfS05 [834], WolfS05a [833], SchuttWS05 [724], Wolf05 [831], Wolf03 [830]
Cemalettin Öztürk	9	76	GokPTGO23 [329], OrnekOS20 [631], AntunesABD20 [28], GokGSTO20 [328], AntunesABD18 [27], OrnekO16 [630], OzturkTHO15 [639], OzturkTHO13 [638], OzturkTHO10 [637]
Thibaut Feydy	8	173	YoungFS17 [843], SchuttFSW15 [721], SchuttFS13 [716], SchuttFS13a [715], SchuttFSW13 [720], SchuttFSW11 [719], abs-1009-0347 [718], SchuttFSW09 [717]
Roger Kameugne	8	20	KameugneFND23 [441], ThomasKS20 [772], KameugneFGOQ18 [440], Kameugne15 [439], KameugneFSN14 [444], Kameugne14 [438], KameugneF13 [442], KameugneFSN11 [443]
Arnaud Malapert	8	82	BonninMNE24 [146], NattafM20 [608], MalapertN19 [549], MalapertCGJLR13 [547], MalapertCGJLR12 [546], MalapertGR12 [548], Malapert11 [545], GrimesHM09 [342]
Bahman Naderi	8	51	NaderiRR23 [601], NaderiBZ23 [598], NaderiBZR23 [596], NaderiBZ22 [597], NaderiBZ22a [595], NaderiR22 [599], NaderiRBAU21 [600], RoshanaeiN21 [697]
Barry O'Sullivan	8	15	ArmstrongGOS22 [37], ArmstrongGOS21 [36], AntunesABD20 [28], AntunesABD18 [27], HurleyOS16 [420], KinsellaS0OS16 [452], GrimesIOS14 [343], IfrimOS12 [421]
Angelo Oddi	8	18	CestaOPS14 [188], OddiRC10 [626], PolicellaWSO05 [661], OddiPCC05 [625], OddiPCC03 [624], CestaOS00 [190], CestaOS98 [189], OddiS97 [627]
Gabriela P. Henning	8	179	NovaraNH16 [614], NovasH14 [618], NovasH12 [617], ZeballosNH11 [858], NovasH10 [616], ZeballosQH10 [855], ZeballosH05 [854], QuirogaZH05 [676]
Erwin Pesch	8	486	MullerMKP22 [587], BlazewiczEP19 [127], DomdorfPH03 [243], Dorndorf2000 [247], DorndorfPH99 [246], DorndorfHP99 [245], BlazewiczDP96 [165], PeschT96 [654]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Vahid Roshanaei	8	187	NaderiRR23 [601], NaderiBZR23 [596], NaderiR22 [599], NaderiRBAU21 [600], RoshanaeiN21 [697], RoshanaeiBAUB20 [694], RoshanaeiLAU17 [695], RoshanaeiLAU17a [696]
Ignacio E. Grossmann	7	1016	HarjunkoskiMBC14 [370], CastroGR10 [182], MaraveliasG04 [553], MaraveliasCG04 [552], HarjunkoskiG02 [368], JainG01 [425], PintoG97 [657]
Diarmuid Grimes	7	52	AntunesABD20 [28], AntunesABD18 [27], GrimesH15 [341], GrimesIOS14 [343], GrimesH11 [340], GrimesH10 [339], GrimesHM09 [342]
Zdenek Hanzálek	7	27	Mehdizadeh-Somarin23 [559], abs-2305-19888 [388], HeinzNVH22 [387], VlkHT21 [814], BenediktMH20 [113], BenediktSMVH18 [114], KelbelH11 [447]
Andrew J. Davenport	7	41	Davenport10 [218], DavenportKRSH07 [219], OkanoDTRYA04 [629], BeckDDF98 [86], BeckDF97 [87], BeckDSF97 [88], BeckDSF97a [89]
András Kovács	7	21	KovacsB11 [467], KovacsK11 [469], KovacsB08 [466], KovacsB07 [465], KovacsV06 [471], KovacsEKV05 [468], KovacsV04 [470]
Hadrien Cambazard	6	98	CatusseCBL16 [183], MalapertCGJLR13 [547], MalapertCGJLR12 [546], HladikCDJ08 [397], CambazardJ05 [169], CambazardHDJT04 [168]
Amedeo Cesta	6	18	CestaOPS14 [188], OddiRC10 [626], OddiPCC05 [625], OddiPCC03 [624], CestaOS00 [190], CestaOS98 [189]
Yves Deville	6	28	HoundjiSWD14 [417], DejemeppeD14 [229], SchausHMCMD11 [709], MonetteDH09 [580], SchausD08 [708], MonetteDD07 [579]
Stephen F. Smith	6	7	CestaOPS14 [188], PolicellaWSO05 [661], CestaOS00 [190], CestaOS98 [189], OddiS97 [627], SmithC93 [744]
Jeremy Frank	6	14	TranWDRFOVB16 [788], TranDRFWOVB16 [783], FrankDT16 [290], ReddyFIBKAJ11 [679], FrankK05 [292], FrankK03 [291]
Andy Ham	6	90	HamPK21 [362], HamP21 [361], Ham20 [359], Ham20a [358], Ham18a [357], HamFC17 [360]
Stefan Heinz	6	67	HeinzSB13 [386], HeinzKB13 [383], HeinzSSW12 [384], HeinzB12 [382], HeinzS11 [385], BertholdHLMS10 [122]
Brahim Hnich	6	115	GokgurHO18 [330], OzturkTHO15 [639], OzturkTHO13 [638], OzturkTHO12 [636], OzturkTHO10 [637], RossiTHP07 [698]
Juan M. Novas	6	174	Novas19 [615], NovaraNH16 [614], NovasH14 [618], NovasH12 [617], ZeballosNH11 [858], NovasH10 [616]
Gilles Pesant	6	115	AalianPG23 [1], DoulabiRP16 [249], PesantRR15 [653], DoulabiRP14 [248], BourdaisGP03 [153], PesantGPR99 [652]
Emmanuel Poder	6	27	BeldiceanuCDP11 [106], abs-0907-0939 [655], BeldiceanuCP08 [107], PoderB08 [658], BeldiceanuP07 [109], PoderBS04 [659]
Arslan Örnek	6	78	OrnekOS20 [631], OrnekO16 [630], OzturkTHO15 [639], OzturkTHO13 [638], OzturkTHO12 [636], OzturkTHO10 [637]
André A. Ciré	5	65	CireCH16 [199], CireCH13 [198], LopesCSM10 [528], MouraSCL08 [586], MouraSCL08a [585]
Mehmet A. Begen	5	29	NaderiBZ23 [598], NaderiBZR23 [596], NaderiBZ22 [597], NaderiBZ22a [595], NaderiRBAU21 [600]
Cyrille Dejemeppe	5	8	CauwelaertDS20 [187], CauwelaertDMS16 [184], Dejemeppe16 [227], DejemeppeCS15 [228], DejemeppeD14 [229]
Sophie Demassey	5	82	HermenierDL11 [393], BeldiceanuCDP11 [106], NeronABCDD06 [623], DemasseyAM05 [231], Demassey03 [230]
Hanyu Gu	5	39	EtminaniesfahaniGNMS22 [267], ThiruvadyWGS14 [771], GuSSWC14 [350], GuSS13 [349], GuSW12 [351]
Kenneth N. Brown	5	44	AntunesABD20 [28], AntunesABD18 [27], MurphyMB15 [590], WuBB09 [838], WuBB05 [837]
Goldie Nejat	5	77	TranVNB17 [786], TranVNB17a [787], BoothNB16 [147], BoothTNB16 [148], LouieVNB14 [531]
Joaquin Rodriguez	5	118	MarliereSPR23 [554], RodriguezS09 [692], Rodriguez07 [689], Rodriguez07b [690], RodriguezDG02 [691]
Martino Ruggiero	5	70	BeniniLMR11 [119], LombardiMRB10 [527], RuggieroBBMA09 [700], BeniniLMR08 [118], BeniniLMMR08 [117]
Mohamed Siala	5	9	AntunesABD20 [28], AntunesABD18 [27], Siala15 [731], SialaAH15 [733], Siala15a [732]
Marek Vlk	5	14	abs-2305-19888 [388], HeinzNVH22 [387], VlkHT21 [814], BenediktSMVH18 [114], BartakV15 [77]
Nic Wilson	5	28	AntunesABD20 [28], AntunesABD18 [27], BeckW07 [99], BeckW05 [98], BeckW04 [97]
Miguel A. Salido	4	99	BartakS11 [75], BartakSR10 [76], BartakSR08 [80], AbrilSB05 [5]
Andrea Bartolini	4	40	BorghesiBLMB18 [149], BridiBLMB16 [158], BridiLBBM16 [159], BartoliniBBLM14 [78]
Geoffrey Chu	4	47	GuSSWC14 [350], ChuGNSW13 [193], SchuttCSW12 [714], BandaSC11 [225]
Elvin Coban	4	41	CireCH16 [199], CireCH13 [198], CobanH11 [204], CobanH10 [203]
Giacomo Da Col	4	24	ColT22 [213], abs-2102-08778 [206], ColT19 [207], ColT2019a [212]
Steven Gay	4	42	GayHLS15 [304], GayHS15 [305], GayHS15a [306], GaySS14 [307]
Tobias Geibinger	4	6	GeibingerKKMMW21 [310], GeibingerMM21 [313], GeibingerMM19 [312], abs-1911-04766 [311]
Christelle Guéret	4	33	MalapertCGJLR13 [547], MalapertCGJLR12 [546], ElkhyariGJ02 [258], ElkhyariGJ02a [259]
Laurent Houssin	4	0	JuvinHHL23 [433], JuvinHL23a [436], JuvinHL23 [435], JuvinHL22 [434]
Carla Juvin	4	0	JuvinHHL23 [433], JuvinHL23a [436], JuvinHL23 [435], JuvinHL22 [434]
Tamás Kis	4	11	NattafHKAL19 [607], KovacsK11 [469], KeriK07 [448], KovacsEKV05 [468]
Lucas Kletzander	4	3	GeibingerKKMMW21 [310], KletzanderMH21 [457], KletzanderM20 [456], KletzanderM17 [455]
Krzysztof Kuchcinski	4	129	WolinskiKG04 [836], KuchcinskiW03 [478], Kuchcinski03 [477], GruianK98 [348]
André Langevin	4	213	MalapertCGJLR13 [547], MalapertCGJLR12 [546], CorreaLR07 [209], KhayatLR06 [449]
Arnaud Letort	4	23	LetortCB15 [499], LetortCB13 [498], Letort13 [496], LetortBC12 [497]
Dionne M. Aleman	4	161	NaderiRBAU21 [600], RoshanaeiBAUB20 [694], RoshanaeiLAU17 [695], RoshanaeiLAU17a [696]
Hacı Mehmet Alakaş	4	33	AlakaP23 [21], Alaka21 [20], PinarbasiA20 [671], GurEA19 [873]
Laurent Michel	4	39	TardivoDFMP23 [761], SchausHMCMD11 [709], HentenryckM08 [392], HentenryckM04 [391]
Florian Mischek	4	6	GeibingerKKMMW21 [310], GeibingerMM21 [313], GeibingerMM19 [312], abs-1911-04766 [311]
Jean-Noël Monette	4	24	CauwelaertDMS16 [184], SchausHMCMD11 [709], MonetteDH09 [580], MonetteDD07 [579]
Greger Ottosson	4	361	HookerO03 [412], MilanoORT02 [572], HookerOTK00 [413], GetoorOFC97 [319]
Yanick Ouellet	4	10	OuelletQ22 [634], FahimiOQ18 [272], KameugneFGOQ18 [440], OuelletQ18 [633]
Thierry Petit	4	20	DerrienP14 [234], DerrienPZ14 [235], ClercqPBJ11 [202], abs-0907-0939 [655]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Nicola Policella	4	13	CestaOPS14 [188], PolicellaWSO05 [661], OddiPCC05 [625], OddiPCC03 [624]
Cédric Pralet	4	10	SquillaciPR23 [746], Pralet17 [666], HebrardHJMPV16 [377], PraletLJ15 [667]
Adrian R. Pearce	4	40	BlomPS16 [130], BurtLPS15 [164], BlomBPS14 [129], LipovetzkyBPS14 [511]
Dhananjay R. Thiruvady	4	32	abs-2402-00459 [610], abs-2211-14492 [750], ThiruvadyWGS14 [771], ThiruvadyBME09 [770]
Philippe Refalo	4	95	GarganiR07 [301], BeckR03 [96], MilanoORT02 [572], Refalo00 [680]
Christine Solnon	4	20	GroleazNS20 [346], GroleazNS20a [345], SacramentoSP20 [701], MelgarejoLS15 [15]
Christos T. Maravelias	4	512	Adelgren2023 [10], HarjunkoskiMBC14 [370], MaraveliasG04 [553], MaraveliasCG04 [552]
Reza Tavakkoli-Moghaddam	4	32	Mehdizadeh-Somarin23 [559], Fatemi-AnarakiTFV23 [279], GhasemiMH23 [320], MokhtarzadehTNF20 [578]
Daria Terekhov	4	23	TanT18 [756], TerekhovTDB14 [767], TranTDB13 [785], TerekhovDOB12 [766]
Sascha Van Cauwelaert	4	20	CauwelaertLS18 [186], CauwelaertDMS16 [184], DejemeppeCS15 [228], CauwelaertLS15 [185]
József Váncza	4	9	KovacsV06 [471], KovacsEKV05 [468], KovacsV04 [470], VanczaM01 [801]
Toby Walsh	4	2	GelainPRVW17 [315], BessiereHMQW14 [123], ChuGNSW13 [193], HebrardTW05 [378]
Felix Winter	4	0	LacknerMMWW23 [487], WinterMMW22 [829], LacknerMMWW21 [486], GeibingerKKMMW21 [310]
Francisco Yuraszeck	4	31	YuraszeckMCCR23 [848], YuraszeckMC23 [846], YuraszeckMPV22 [847], MejiaY20 [560]
Willem-Jan van Hoeve	4	50	GilesH16 [321], GoelSHFS15 [327], HoeveGSL07 [800], GomesHS06 [335]
Max Åstrand	4	27	Astrand0F21 [49], Astrand21 [48], AstrandJZ20 [51], AstrandJZ18 [50]
Laurence A. Wolsey	3	50	HoundjiSW19 [416], HoundjiSWD14 [417], SadykovW06 [704]
Bruno A. Prata	3	1	PrataAN23 [668], AbreuNP23 [223], AbreuPNF23 [4]
Abderrahmane Aggoun	3	194	AggounMV08 [13], AggounV04 [14], AggounB93 [12]
Maliheh Aramon Bajestani	3	33	BajestaniB15 [57], BajestaniB13 [56], BajestaniB11 [55]
Emrah B. Edis	3	61	Edis21 [250], EdisO11 [251], EdisO11a [252]
Davide Bertozzi	3	52	RuggieroBBMA09 [700], BeniniBGM06 [116], BeniniBGM05 [115]
Sévérine Betmbe Fetgo	3	1	KameugneFND23 [441], FetgoD22 [281], KameugneFGOQ18 [440]
Miquel Bofill	3	11	BofillCSV17 [135], BofillGSV15 [137], BofillEGPSV14 [136]
Thomas Bridi	3	29	BridiBLMB16 [158], BridiLBBM16 [159], BartoliniBBLM14 [78]
Cid C. de Souza	3	21	MouraSCL08 [586], MouraSCL08a [585], HeipckeCCS00 [389]
Quentin Cappart	3	8	PopovicCGNC22 [663], CappartTSR18 [172], CappartS17 [171]
Jacques Carlier	3	70	CarlierSJP21 [180], ClautiauxJCM08 [200], NeronABCDD06 [623]
Ondrej Cepek	3	36	BartakCS10 [74], VilimBC05 [811], VilimBC04 [810]
Mark D. Johnston	3	437	Johnston05 [201], MintonJPL92 [576], MintonJPL90 [575]
Alban Derrien	3	17	Derrien15 [233], DerrienP14 [234], DerrienPZ14 [235]
Minh Do	3	7	TranWDRFOVB16 [788], TranDRFWOVB16 [783], FrankDT16 [290]
Ulrich Dorndorf	3	65	Dorndorf2000 [247], DorndorfPH99 [246], DorndorfHP99 [245]
Kyle E. C. Booth	3	48	SenderovichBB19 [725], BoothNB16 [147], BoothTNB16 [148]
Hani El Sakkout	3	82	KamarainenS02 [437], SakkoutW00 [706], SakkoutRW98 [705]
Abdallah Elkhyari	3	10	Elkhyari03 [257], ElkhyariGJ02 [258], ElkhyariGJ02a [259]
Hamed Fahimi	3	2	FahimiQ23 [273], FahimiOQ18 [272], Fahimi16 [271]
Dominique Feillet	3	68	Acuna-AgostMFG09 [8], ArtiguesF07 [42], ArtiguesBF04 [40]
Douglas G. Down	3	22	TranPZLDB18 [784], TerekhovTDB14 [767], TranTDB13 [785]
Maurizio Gabbrielli	3	12	LiuCGM17 [515], AmadiniGM16 [25], FalaschiGMP97 [274]
Michele Garraffa	3	1	AlfieriGPS23 [23], ArmstrongGOS22 [37], ArmstrongGOS21 [36]
Martin Gebser	3	0	TasselGS23 [762], abs-2306-05747 [763], KovacsTKSG21 [472]
Jean-Claude Gentina	3	8	KorbaaYG00 [462], LopezAKYG00 [529], KorbaaYG99 [461]
Arnaud Gotlieb	3	22	MossigeGSMC17 [584], AlesioBNG15 [22], AlesioNBG14 [236]
Lucas Groleaz	3	4	Groleaz21 [344], GroleazNS20 [346], GroleazNS20a [345]
Iiro Harjunkoski	3	594	HarjunkoskiMBC14 [370], HarjunkoskiG02 [368], HarjunkoskiJG00 [369]
Renaud Hartert	3	35	GayHLS15 [304], GayHS15 [305], GayHS15a [306]
Marie-José Huguet	3	12	AntuoriHHEN21 [30], AntuoriHHEN20 [29], HebrardHJMPV16 [377]
Luis J. Zeballos	3	55	ZeballosNH11 [858], ZeballosCM10 [856], ZeballosM09 [857]
Mikael Johansson	3	27	Astrand0F21 [49], AstrandJZ20 [51], AstrandJZ18 [50]
Ouajdi Korbaa	3	8	KorbaaYG00 [462], LopezAKYG00 [529], KorbaaYG99 [461]
Stefan Kreter	3	47	KreterSSZ18 [475], KreterSS17 [474], KreterSS15 [473]
Elif Kürklü	3	7	ReddyFIBKAJ11 [679], FrankK05 [292], FrankK03 [291]
BoonPing Lim	3	9	LimHTB16 [506], LimBTBB15 [508], LimBTBB15a [507]
James Little	3	58	KrogtLPHJ07 [799], DarbyDowmanL98 [216], Darby-DowmanLMZ97 [217]

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Author	Nr Works	Nr Cites	Entries
Shixin Liu	3	1	LiFJZLL22 [502], ZhangJZL22 [859], TanSD10 [757]
Pedro M. Castro	3	403	HarjunkoskiMBC14 [370], CastroGR10 [182], ZeballosCM10 [856]
Leilei Meng	3	143	MengGRZSC22 [564], MengLZB21 [565], MengZRZL20 [566]
Philippe Michelon	3	68	Acuna-AgostMFG09 [8], LiessM08 [503], DemasseyAM05 [231]
Tony Minoru Tamura Lopes	3	47	LopesCSM10 [528], MouraSCL08 [586], MouraSCL08a [585]
Mahdi Mokhtarzadeh	3	34	FarsiTM22 [278], RabbaniMM21 [677], MokhtarzadehTNF20 [578]
Christina N. Burt	3	20	BurtLPS15 [164], BlomBPS14 [129], LipovetzkyBPS14 [511]
Hiroki Nishikawa	3	6	NishikawaSTT19 [613], NishikawaSTT18 [611], NishikawaSTT18a [612]
Ceyda Oguz	3	93	UnsalO19 [793], UnsalO13 [792], EdisO11 [251]
Laure Pauline Fotso	3	19	KameugneFSN14 [444], KameugneF13 [442], KameugneFSN11 [443]
David R. Urbach	3	100	NaderiRBAU21 [600], RoshanaeiBAUB20 [694], RoshanaeiLAU17a [696]
Yaping Ren	3	143	MengGRZSC22 [564], MengLZB21 [565], MengZRZL20 [566]
Levi Ribeiro de Abreu	3	16	AbreuNP23 [223], AbreuN22 [222], AbreuAPNM21 [221]
Robert Rodosek	3	72	RodosekWH99 [688], RodosekW98 [687], Rodosek94 [686]
Francesca Rossi	3	83	GelainPRVW17 [315], BartakSR10 [76], BartakSR08 [80]
Gunnar Schrader	3	13	Wolf09 [835], WolfS05 [834], SchuttWS05 [724]
Christian Schulte	3	26	WessenCS20 [827], FrimodigS19 [294], LozanoCDS12 [532]
Jens Schulz	3	40	HeinzSB13 [386], HeinzS11 [385], BertholdHLMS10 [122]
Marcelo Seido Nagano	3	16	AbreuNP23 [223], AbreuN22 [222], AbreuAPNM21 [221]
Paul Shaw	3	213	LaborieRSV18 [484], VilimLS15 [812], PerronSF04 [651]
Kana Shimada	3	6	NishikawaSTT19 [613], NishikawaSTT18 [611], NishikawaSTT18a [612]
Gilles Simonin	3	8	GodetLHS20 [326], SimoninAHL15 [735], SimoninAHL12 [734]
Tiago Stegun Vaquero	3	29	TranVNB17 [786], TranVNB17a [787], LouieVNB14 [531]
Josep Suy	3	11	BofillCSV17 [135], BofillGSV15 [137], BofillEGPSV14 [136]
Andreas T. Ernst	3	16	abs-2211-14492 [750], EdwardsBSE19 [253], ThiruvadyBME09 [770]
Ittetsu Taniguchi	3	6	NishikawaSTT19 [613], NishikawaSTT18 [611], NishikawaSTT18a [612]
Pierre Tassel	3	0	TasselGS23 [762], abs-2306-05747 [763], KovacsTKSG21 [472]
Erich Teppan	3	13	abs-2102-08778 [206], ColT2019a [212], FriedrichFMRSST14 [293]
Sylvie Thiébaux	3	9	LimHTB16 [506], LimBTBB15 [508], LimBTBB15a [507]
Hiroyuki Tomiyama	3	6	NishikawaSTT19 [613], NishikawaSTT18 [611], NishikawaSTT18a [612]
Seyda Topaloglu Yildiz	3	22	IsikYA23 [422], YunusogluY22 [845], KucukY19 [480]
Gérard Verfaillie	3	119	HebrardHJMPV16 [377], VerfaillieL01 [802], BensanaLV99 [121]
Arnaldo Vieira Moura	3	47	LopesCSM10 [528], MouraSCL08 [586], MouraSCL08a [585]
Mateu Villaret	3	11	BofillCSV17 [135], BofillGSV15 [137], BofillEGPSV14 [136]
Daniel Walkiewicz	3	0	LacknerMMWW23 [487], WinterMMW22 [829], LacknerMMWW21 [486]
Jean-Paul Watson	3	57	BeckFW11 [90], WatsonB08 [825], WatsonBHW99 [824]
Pascal Yim	3	8	KorbaaYG00 [462], LopezAKYG00 [529], KorbaaYG99 [461]
Alessandro Zanarini	3	25	AstrandJZ20 [51], AstrandJZ18 [50], BonfiettiZLM16 [145]
Luis Zeballos	3	35	ZeballosQH10 [855], ZeballosH05 [854], QuirogaZH05 [676]
Biao Zhang	3	143	MengGRZSC22 [564], MengLZB21 [565], MengZRZL20 [566]
Menkes van den Briel	3	9	LimHTB16 [506], LimBTBB15 [508], LimBTBB15a [507]
Viktoria A. Hauder	2	14	HauderBRPA20 [374], abs-1902-09244 [373]
Daniel A. Desmond	2	1	AntunesABD20 [28], AntunesABD18 [27]
Carlos A. Méndez	2	29	ZeballosCM10 [856], ZeballosM09 [857]
Emile Aarts	2	65	NuijtenA96 [621], NuijtenA94 [620]
Zeynel Abidin Cil	2	16	CilKLO22 [197], KizilayC20 [453]
Michael Affenzeller	2	14	HauderBRPA20 [374], abs-1902-09244 [373]
Mark Antunes	2	1	AntunesABD20 [28], AntunesABD18 [27]
Valentin Antuori	2	3	AntuoriHHEN21 [30], AntuoriHHEN20 [29]
Vincent Armant	2	1	AntunesABD20 [28], AntunesABD18 [27]
Eddie Armstrong	2	1	ArmstrongGOS22 [37], ArmstrongGOS21 [36]
Andrew B. Philips	2	437	MintonJPL92 [576], MintonJPL90 [575]
Scott Backhaus	2	7	LimBTBB15 [508], LimBTBB15a [507]
Amelia Badica	2	4	BadicaBI20 [53], BadicaBIL19 [54]
Costin Badica	2	4	BadicaBI20 [53], BadicaBIL19 [54]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Pierre Baptiste	2	13	BoucherBVBL97 [151], BaptisteLV92 [68]
Laura Barbulescu	2	0	BarbulescuWH04 [69], WatsonBHW99 [824]
Nicolas Barnier	2	0	WangB23 [821], WangB20 [820]
Andreas Beham	2	14	HauderBRPA20 [374], abs-1902-09244 [373]
Ondrej Benedikt	2	3	BenediktMH20 [113], BenediktSMVH18 [114]
Russell Bent	2	7	LimBTBB15 [508], LimBTBB15a [507]
Timo Berthold	2	108	BertholdHLMS10 [122], AchterbergBKW08 [7]
Jean-Charles Billaut	2	23	BillautHL12 [125], LorigeonBB02 [530]
Alexander Bockmayr	2	91	BockmayrP06 [134], BockmayrK98 [133]
Andrea Borghesi	2	23	BorghesiBLMB18 [149], BartoliniBBLM14 [78]
Lionel C. Briand	2	16	AlesioBNG15 [22], AlesioNBG14 [236]
Eugene C. Freuder	2	0	CarchraeBF05 [174], WallaceF00 [819]
Eray Cakici	2	71	HamFC17 [360], HamC16 [364]
Dario Canut-de-Bon	2	1	YuraszeckMCCR23 [848], YuraszeckMC23 [846]
Tom Carchrae	2	16	CarchraeB09 [173], CarchraeBF05 [174]
Yarong Chen	2	7	PengLC14 [647], ChenGPSH10 [192]
Erich Christian Teppan	2	11	Teppan22 [765], ColT19 [207]
Hoong Chuin Lau	2	4	AgussurjaKL18 [16], LauLN08 [491]
Jordi Coll Caballero	2	0	Caballero23 [167], Caballero19 [166]
Yves Colombani	2	9	HeipckeCCS00 [389], Colombani96 [208]
Gabriella Cortellessa	2	11	OddiPCC05 [625], OddiPCC03 [624]
Joseph D. Scott	2	13	KameugneFSN14 [444], KameugneFSN11 [443]
Emilie Danna	2	23	DannaP04 [214], DannaP03 [215]
L. Darrell Whitley	2	0	BarbulescuWH04 [69], WatsonBHW99 [824]
Stéphane Dauzère-Pérès	2	14	PenzDN23 [648], NattafDYW19 [606]
Alexis De Clercq	2	3	Clercq12 [224], ClercqPBJ11 [202]
Mauro Dell'Amico	2	2	MontemanniD23 [582], MontemanniD23a [581]
Mehmet Dincbas	2	86	DincbasS91 [240], DincbasSH90 [241]
Yuquan Du	2	44	QinDCS20 [673], QinDS16 [674]
David Duvivier	2	36	WangMD15 [822], MeskensDHG11 [570]
Adele E. Howe	2	0	BarbulescuWH04 [69], WatsonBHW99 [824]
Sebastian Engell	2	384	KlankeBYE21 [454], HarjunkoskiMBC14 [370]
Tamer Eren	2	20	GurPAE23 [354], GurEA19 [873]
Guillaume Escamocher	2	1	AntunesABD20 [28], AntunesABD18 [27]
Siham Essodaigui	2	3	AntuoriHHEN21 [30], AntuoriHHEN20 [29]
Caroline Even	2	3	EvenSH15 [268], EvenSH15a [269]
Minhaz F. Zibran	2	43	ZibranR11 [870], ZibranR11a [871]
Richard F. Hartl	2	36	SchnellH17 [712], SchnellH15 [711]
Azadeh Farsi	2	30	FarsiTM22 [278], MokhtarzadehTNF20 [578]
Michel Gamache	2	0	AalianPG23 [1], CampeauG22 [170]
Marc Garcia	2	10	BofillGSV15 [137], BofillEGPSV14 [136]
Antonio Garrido	2	27	GarridoAO09 [302], GarridoOS08 [303]
Ridvan Gedik	2	63	GedikKEK18 [308], GedikKBR17 [309]
Michel Gendreau	2	58	HachemiGR11 [356], PesantGPR99 [652]
Anne-Marie George	2	1	AntunesABD20 [28], AntunesABD18 [27]
Eleanor Gilbert Rieffel	2	3	TranWDRFOVB16 [788], TranDRFWOVB16 [783]
Vincent Gingras	2	1	KameugneFGOQ18 [440], GingrasQ16 [322]
Gaël Glorian	2	0	PerezGSL23 [649], abs-2312-13682 [650]
Arthur Godet	2	1	Godet21a [325], GodetLHS20 [326]
Adrian Goldwaser	2	8	GoldwaserS18 [332], GoldwaserS17 [331]
Alessio Guerri	2	43	BeniniBGM06 [116], BeniniBGM05 [115]
Daniel Guimarans	2	2	GokPTGO23 [329], GokGSTO20 [328]
Vilém Heinz	2	5	abs-2305-19888 [388], HeinzNVH22 [387]
Alessandro Hill	2	0	HillBCGN22 [395], HillTV21 [396]
Andy Hon Wai Chun	2	3	ChunS14 [196], ChunCTY99 [195]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Seyed Hossein Hashemi Doulabi	2	59	DoulabiRP16 [249], DoulabiRP14 [248]
Marie-José Huguet	2	1	BriandHHL08 [157], EsquirolLH2008 [266]
Barry Hurley	2	1	HurleyOS16 [420], KinsellaS0OS16 [452]
Georgiana Ifrim	2	12	GrimesIOS14 [343], IfrimOS12 [421]
Mirjana Ivanovic	2	4	BadicaBI20 [53], BadicaBIL19 [54]
Vipul Jain	2	323	JainG01 [425], HarjunkoskiJG00 [369]
Raf Jans	2	60	MartnezAJ22 [557], Jans09 [426]
Antoine Jouglet	2	67	CarlierSJP21 [180], ClautiauxJCM08 [200]
Chanchal K. Roy	2	43	ZibranR11 [870], ZibranR11a [871]
Emre Kirac	2	63	GedikKEK18 [308], GedikKBR17 [309]
Damla Kizilay	2	16	CilKLO22 [197], KizilayC20 [453]
Jan Kristof Behrens	2	12	BehrensLM19 [102], abs-1901-07914 [103]
Wen-Yang Ku	2	128	KuB16 [476], HeinzKB13 [383]
Michelle L. Blom	2	35	BlomPS16 [130], BlomBPS14 [129]
Marie-Louise Lackner	2	0	LacknerMMWW23 [487], LacknerMMWW21 [486]
Philip Laird	2	437	MintonJPL92 [576], MintonJPL90 [575]
Arnaud Lallouet	2	0	PerezGSL23 [649], abs-2312-13682 [650]
Evelina Lamma	2	12	LammaMM97 [490], BrusoniCLMMT96 [162]
Ralph Lange	2	12	BehrensLM19 [102], abs-1901-07914 [103]
Christophe Lecoutre	2	20	FalqueALM24 [276], GayHLS15 [304]
Bruno Legeard	2	13	BoucherBVBL97 [151], BaptisteLV92 [68]
Pierre Lemaire	2	32	CatusseCBL16 [183], GuyonLPR12 [355]
Michel Lemaître	2	110	VerfaillieL01 [802], BensanaLV99 [121]
Andrew Lim	2	5	LimRX04 [505], LimAHO02a [504]
Kamol Limtanyakul	2	6	LimtanyakulS12 [510], Limtanyakul07 [509]
Yiqing Lin	2	1	AntunesABD20 [28], AntunesABD18 [27]
Nir Lipovetzky	2	5	BurtLPS15 [164], LipovetzkyBPS14 [511]
Xavier Lorca	2	29	GodetLHS20 [326], HermenierDL11 [393]
Curtiss Luong	2	115	RoshanaeiLAU17 [695], RoshanaeiLAU17a [696]
Chang Lv	2	105	MengLZB21 [565], MengZRZL20 [566]
Abid M. Malik	2	15	Malik08 [550], MalikMB08 [551]
Andy M. Ham	2	214	Ham18 [363], HamC16 [364]
Edward M. Sitarski	2	0	BeckDSF97 [88], BeckDSF97a [89]
Gilles Madi-Wamba	2	1	Madi-WambaLOBM17 [543], Madi-WambaB16 [542]
Adrien Maillard	2	9	HebrardALLCMR22 [376], HebrardHJMPV16 [377]
Masoumeh Mansouri	2	12	BehrensLM19 [102], abs-1901-07914 [103]
Jacopo Mauro	2	2	LiuCGM17 [515], AmadiniGM16 [25]
Gonzalo Mejía	2	25	YuraszeckMC23 [846], MejiaY20 [560]
Paola Mello	2	12	LammaMM97 [490], BrusoniCLMMT96 [162]
Carlos Mencía	2	25	MenciaSV13 [563], MenciaSV12 [562]
Luc Mercier	2	37	MercierH08 [567], MercierH07 [568]
Nadine Meskens	2	36	WangMD15 [822], MeskensDHG11 [570]
Steven Minton	2	437	MintonJPL92 [576], MintonJPL90 [575]
Roberto Montemanni	2	2	MontemanniD23 [582], MontemanniD23a [581]
Christoph Mrkvicka	2	0	LacknerMMWW23 [487], LacknerMMWW21 [486]
Nicola Muscettola	2	14	Muscettola02 [593], Muscettola94 [592]
István Módos	2	3	BenediktMH20 [113], BenediktSMVH18 [114]
Sophie N. Parragh	2	14	HauderBRPA20 [374], abs-1902-09244 [373]
Samba Ndojh Ndiaye	2	4	GroleazNS20 [346], GroleazNS20a [345]
Shiva Nejati	2	16	AlesioBNG15 [22], AlesioNBG14 [236]
Youcheu Ngo-Kateu	2	13	KameugneFSN14 [444], KameugneFSN11 [443]
Alain Nguyen	2	3	AntuoriHHEN21 [30], AntuoriHHEN20 [29]
Su Nguyen	2	0	abs-2402-00459 [610], abs-2211-14492 [750]
Antonín Novák	2	5	abs-2305-19888 [388], HeinzNVH22 [387]
Bryan O'Gorman	2	3	TranWDRFOVB16 [788], TranDRFWOVB16 [783]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Mike O'Keeffe	2	1	AntunesABD20 [28], AntunesABD18 [27]
Eva Onaindia	2	27	GarridoAO09 [302], GarridoOS08 [303]
Irem Ozkarahan	2	89	EdisO11a [252], TopalogluO11 [776]
Carla P. Gomes	2	0	HoeveGSL07 [800], GomesHS06 [335]
Myoung-Ju Park	2	19	HamPK21 [362], HamP21 [361]
Yunfang Peng	2	7	PengLC14 [647], ChenGPSH10 [192]
Guillaume Perez	2	0	PerezGSL23 [649], abs-2312-13682 [650]
Laurent Perron	2	55	PerronSF04 [651], DannaP03 [215]
Toàn Phan Huy	2	18	DorndorfPH99 [246], DorndorfHP99 [245]
Enrico Pontelli	2	0	TardivoDFMP23 [761], VillaverdeP04 [813]
Mehmet Pınarbaşı	2	7	AlakaP23 [21], PinarbasiA20 [671]
Tianbao Qin	2	44	QinDCS20 [673], QinDS16 [674]
Luis Quesada	2	1	AntunesABD20 [28], AntunesABD18 [27]
Oscar Quiroga	2	35	ZeballosQH10 [855], QuirogaZH05 [676]
Günther R. Raidl	2	14	FrohnerTR19 [296], RendlPHPR12 [682]
Levi R. Abreu	2	0	PrataAN23 [668], AbreuPNF23 [4]
María R. Sierra	2	25	MenciaSV13 [563], MenciaSV12 [562]
Sebastian Raggl	2	14	HauderBRPA20 [374], abs-1902-09244 [373]
Vinasétan Ratheil Houndji	2	5	HoundjiSW19 [416], HoundjiSWD14 [417]
Chandra Reddy	2	20	DavenportKRSH07 [219], OkanoDTRYA04 [629]
David Rivreau	2	42	NattafALR16 [605], GuyonLPR12 [355]
William S. Havens	2	2	DilkinaDH05 [237], DilkinaH04 [238]
Marcelo S. Nagano	2	0	PrataAN23 [668], AbreuPNF23 [4]
Gregory S. Zaric	2	7	NaderiBZR23 [596], NaderiBZ22a [595]
Erlendur S. Thorsteinsson	2	81	MilanoORT02 [572], Thorsteinsson01 [773]
Ruslan Sadykov	2	56	SadykovW06 [704], Sadykov04 [703]
Hongyan Sang	2	43	MengGRZSC22 [564], MengLZB21 [565]
Konstantin Schekotihin	2	0	TasselGS23 [762], abs-2306-05747 [763]
Hans Schlenker	2	5	WolfS05a [833], AbdennadherS99 [2]
Alexander Schnell	2	36	SchnellH17 [712], SchnellH15 [711]
Bart Selman	2	0	HoeveGSL07 [800], GomesHS06 [335]
Mei Sha	2	44	QinDCS20 [673], QinDS16 [674]
Wijnand Suijlen	2	0	PerezGSL23 [649], abs-2312-13682 [650]
Yuan Sun	2	0	abs-2402-00459 [610], abs-2211-14492 [750]
Yuanyuan Tan	2	41	TanZWGQ19 [758], TanSD10 [757]
Lixin Tang	2	33	SunTB19 [749], RenT09 [681]
Clémentin Tayou Djamégni	2	0	KameugneFND23 [441], FetgoD22 [281]
Alexander Tesch	2	9	Tesch18 [769], Tesch16 [768]
Charles Thomas	2	6	ThomasKS20 [772], CappartTSR18 [172]
Maurizio Tomasella	2	2	GokPTGO23 [329], GokGSTO20 [328]
Seyda Topaloglu	2	77	TopalogluSS12 [777], TopalogluO11 [776]
Semra Tunali	2	46	OzturkTHO13 [638], OzturkTHO10 [637]
Semra Tunalı	2	32	OzturkTHO15 [639], OzturkTHO12 [636]
Ozgur Unsal	2	88	UnsalO19 [793], UnsalO13 [792]
Behdin Vahedi Nouri	2	25	Mehdizadeh-Somarin23 [559], MokhtarzadehTNF20 [578]
Behdin Vahedi-Nouri	2	9	Fatemi-AnarakiTFV23 [279], NouriMHD23 [794]
Ramiro Varela	2	25	MenciaSV13 [563], MenciaSV12 [562]
Christophe Varnier	2	13	BoucherBVBL97 [151], BaptisteLV92 [68]
Alkis Vazacopoulos	2	7	AggounMV08 [13], AggounV04 [14]
Davide Venturelli	2	3	TranWDRFOVB16 [788], TranDRFWOVB16 [783]
Ruixin Wang	2	0	WangB23 [821], WangB20 [820]
Zhihui Wang	2	3	TranWDRFOVB16 [788], TranDRFWOVB16 [783]
Christine Wei Wu	2	42	WuBB09 [838], WuBB05 [837]
Christophe Wolinski	2	19	WolinskiKG04 [836], KuchcinskiW03 [478]
Farouk Yalaoui	2	3	OujanaAYB22 [635], ArbaouiY18 [33]

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Author	Nr Works	Nr Cites	Entries
Neil Yorke-Smith	2	5	EfthymiouY23 [254], WallaceY20 [818]
Stéphane Zampelli	2	23	DerrienPZ14 [235], ZampelliVSDR13 [850]
Chaoyong Zhang	2	105	MengLZB21 [565], MengZRZL20 [566]
Guoqing Zhang	2	0	NaderiBZ23 [598], NaderiBZ22 [597]
Ziyan Zhao	2	0	LiFJZLL22 [502], ZhangJZL22 [859]
Jianyang Zhou	2	24	Zhou97 [866], Zhou96 [865]
Peter van Beek	2	16	BegB13 [101], MalikMB08 [551]
	1	63	ArtiguesDN08 [41]
Florian A. Herzog	1	2	KoehlerBFFHPSSS21 [458]
J. A. Hoogeveen	1	2	AkkerDH07 [797]
M. A. Hakim Newton	1	4	RiahiNS018 [683]
Amr A. Kandil	1	24	TangLWSK18 [760]
Antonio A. Márquez	1	7	ValleMGT03 [796]
Steve A. Chien	1	0	HebrardALLCMR22 [376]
Sheila A. McIlraith	1	0	LuoVLBM16 [538]
Julie A. Shah	1	71	GombolayWS18 [334]
Ulrich A. W. Tetzlaff	1	22	PeschT96 [654]
William A. Wallace	1	14	GongLMW09 [337]
Younes Aalian	1	0	AalianPG23 [1]
Slim Abdennadher	1	0	AbdennadherS99 [2]
Hanaa Abohashima	1	1	AbohashimaEG21 [3]
Montserrat Abril	1	0	AbrilSB05 [5]
Tobias Achterberg	1	80	AchterbergBKW08 [7]
Rodrigo Acuna-Agost	1	3	Acuna-AgostMFG09 [8]
Nathan Adelgren	1	0	Adelgren2023 [10]
W. Adelman	1	17	EscobetPQPRA19 [264]
Yossiri Adulyasak	1	1	MartnezAJ22 [557]
Sezin Afsar	1	0	AfsarVPG23 [11]
Penélope Aguiar-Melgarejo	1	14	MelgarejoLS15 [15]
Lucas Agussurja	1	4	AgussurjaKL18 [16]
Sanjay Ahire	1	0	KanetAG04 [445]
Aftab Ahmed Shaikh	1	0	ShaikhK23 [727]
Uwe Aickelin	1	0	abs-2211-14492 [750]
Mitchell Ai-Chang	1	3	ReddyFIBKAJ11 [679]
Farid Ajili	1	4	AjiliW04 [17]
Ali Akbar Sadat Asl	1	55	ZarandiASC20 [852]
Mohsen Akbarpour Shirazi	1	28	ZarandiKS16 [851]
Rama Akkiraju	1	0	MurthyRAW97 [591]
Andrew Alcock	1	0	RoweJCA96 [699]
Panayiotis Alefragis	1	4	EmeretlisTAV17 [261]
Arianna Alfieri	1	0	AlfieriGPS23 [23]
S. Ali Torabi	1	5	FarsiTM22 [278]
Samira Alizdeh	1	1	AlizdehS20 [24]
Hassane Alla	1	0	LopezAKYG00 [529]
Roberto Amadini	1	2	AmadiniGM16 [25]
Masami Amano	1	19	OkanoDTRYA04 [629]
Vinícius Amaral Armentano	1	25	FachiniA20 [270]
Lionel Amodeo	1	1	OujanaAYB22 [635]
Kennedy Anderson Guimarães Araújo	1	5	AbreuAPNM21 [221]
David Andre	1	0	FukunagaHFAMN02 [298]
Alexandru Andrei	1	9	RuggieroBBMA09 [700]
Ola Angelsmark	1	1	AngelsmarkJ00 [26]
Richard Anthony Valenzano	1	0	LuoVLBM16 [538]
M. Anton Ertl	1	14	ErtlK91 [263]

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Author	Nr Works	Nr Cites	Entries
Zbigniew Antoni Banaszak	1	0	BocewiczBB09 [131]
Marlene Arangú	1	5	GarridoAO09 [302]
Arthur Araujo	1	72	TranAB16 [781]
Taha Arbaoui	1	2	ArbaouiY18 [33]
Dmitry Arkhipov	1	12	ArkhipovBL19 [35]
Dmitrii Arkhipov	1	0	Arkhipov19 [34]
Martin Aronsson	1	0	AronssonBK09 [39]
Konstantin Artiouchine	1	3	ArtiouchineB05 [47]
Arezoo Atighehchian	1	7	YounespourAKE19 [842]
Gilles Audemard	1	0	FalqueALM24 [276]
Mohamed Awad	1	3	AwadMDMT22 [52]
Aliye Ayca Supciller	1	31	TopalogluSS12 [777]
Abdullah Ayub Khan	1	0	ShaikhK23 [727]
Amr B. Eltawil	1	1	AbohashimaEG21 [3]
Maya B. Gokhale	1	0	WolinskiKG04 [836]
David B. H. Tay	1	0	Tay92 [764]
Andrew B. Baker	1	0	CrawfordB94 [210]
Davaatseren Baatar	1	3	EdwardsBSE19 [253]
Özalp Babaoglu	1	1	GalleguillosKSB19 [299]
Irena Bach	1	0	BocewiczBB09 [131]
Astrid Bachelu	1	0	BoucherBVBL97 [151]
Hari Balasubramanian	1	9	ShinBBHO18 [730]
Roberto Baldacci	1	31	SunTB19 [749]
Marcello Balduccini	1	20	Balduccini11 [58]
Gohram Baloch	1	25	BalochG20 [59]
Viet Bang Nguyen	1	0	LauLN08 [491]
Federico Barber	1	0	AbrilSB05 [5]
Ada Barlatt	1	1	BarlattCG08 [70]
Roman Barták	1	54	BartakSR08 [80]
Mohammadreza Barzegaran	1	0	BarzegaranZP20 [81]
Virginie Basini	1	8	Polo-MejiaALB20 [662]
Olga Battaïa	1	12	ArkhipovBL19 [35]
Brian Bautsch	1	1	LudwigKRBMS14 [535]
Said Belhadji	1	3	BelhadjiI98 [110]
Sana Belmokhtar	1	16	ArtiguesBF04 [40]
Fatima Benbouzid-Si Tayeb	1	0	TouatBT22 [779]
Till Bender	1	1	BenderWS21 [111]
Belaid Benhamou	1	0	TouatBT22 [779]
Hachemi Bennaceur	1	8	KhemmoudjPB06 [450]
Ashlea Bennet Milburn	1	20	GedikKBR17 [309]
Thierry Benoist	1	13	BenoistGR02 [120]
E. Bensana	1	99	BensanaLV99 [121]
Christian Bessiere	1	1	BessiereHMQW14 [123]
Julien Bidot	1	58	BidotVLB09 [124]
Minh Binh Do	1	0	DoRZ08 [242]
Arthur Bit-Monnot	1	0	Bit-Monnot23 [126]
Jacek Blazewicz	1	38	BlazewiczEP19 [127]
Christian Blum	1	13	ThiruvadyBME09 [770]
Grzegorz Bocewicz	1	0	BocewiczBB09 [131]
Markus Bohlin	1	0	AronssonBK09 [39]
Peter Bongers	1	381	HarjunkoskiMBC14 [370]
Nicolas Bonifas	1	3	BaptisteB18 [62]
Camille Bonnin	1	0	BonninMNE24 [146]
F. Bosi	1	3	BosiM2001 [150]
Eric Boucher	1	0	BoucherBVBL97 [151]

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Author	Nr Works	Nr Cites	Entries
Raphaël Boudreault	1	0	BoudreaultSLQ22 [152]
Jean-Louis Bouquard	1	22	LorigeonBB02 [530]
Stéphane Bourdais	1	29	BourdaisGP03 [153]
Eric Bourreau	1	4	BourreauGGLT22 [154]
Nadia Brauner	1	0	CatusseCBL16 [183]
Silvia Breitinger	1	0	BreitingerL95 [156]
Kristen Brent Venable	1	1	GelainPRVW17 [315]
Cyril Briand	1	1	BriandHHL08 [157]
D. Brodart	1	1	OujanaAYB22 [635]
Peter Brucker	1	66	BruckerK00 [161]
Yuriy Brun	1	9	ShinBBHO18 [730]
Vittorio Brusoni	1	1	BrusoniCLMMT96 [162]
Yossi Bukchin	1	66	BukchinR18 [163]
Josef Bürgler	1	2	KoehlerBFFHPSSS21 [458]
Jacek Błażewicz	1	344	BlazewiczDP96 [165]
Cristina C. B. Cavalcante	1	5	HeipckeCCS00 [389]
Kevin C. Furman	1	48	GoelSHFS15 [327]
Joseph C. Pemberton	1	26	PembertonG98 [646]
Hendrik C. R. Lock	1	0	BreitingerL95 [156]
Erich C. Teppan	1	3	ColT22 [213]
Matthew C. Gombolay	1	71	GombolayWS18 [334]
Sally C. Brailsford	1	56	SmithBHW96 [743]
Louis-Pierre Campeau	1	0	CampeauG22 [170]
J. Carlier	1	6	CarlierPSJ20 [175]
Björn Carlson	1	0	GetoorOFC97 [319]
Cid Carvalho de Souza	1	31	LopesCSM10 [528]
Yves Caseau	1	0	Caseau97 [181]
Roberto Castañeda Lozano	1	21	LozanoCDS12 [532]
Oscar Castillo	1	55	ZarandiASC20 [852]
Nicolas Catusse	1	0	CatusseCBL16 [183]
Yao-Ting Chang	1	2	HoYCLLCLC18 [398]
Zhang Chaoyong	1	38	MengGRZSC22 [564]
Nicolas Chapados	1	5	ChapadosJR11 [191]
Philippe Charlier	1	11	SimonisCK00 [740]
Cheng-Chung Cheng	1	0	SmithC93 [744]
Mohammad Cherkaoui	1	0	FallahiAC20 [275]
Juay Chin Ang	1	0	LimAHO02a [504]
Han-Mo Chiu	1	2	HoYCLLCLC18 [398]
Yeonjun Choi	1	0	KimCMLLP23 [451]
Yingyi Chu	1	13	ChuX05 [194]
Sue-Min Chu	1	2	HoYCLLCLC18 [398]
Italo Cipriano	1	0	HillBCGN22 [395]
François Clautiaux	1	64	ClautiauxJCM08 [200]
Andrew Codd	1	0	RoweJCA96 [699]
Michael Codish	1	127	OhrimenkoSC09 [628]
Carleton Coffrin	1	14	SchausHMCMD11 [709]
Eldan Cohen	1	1	CohenHB17 [205]
Jordi Coll	1	1	BofillCSV17 [135]
Luca Console	1	1	BrusoniCLMMT96 [162]
Evelyn Contejean	1	167	BeldiceanuC94 [108]
Trijntje Cornelissens	1	17	SimonisC95 [741]
James Crawford	1	0	GlobusCLP04 [323]
Nicolás Cuneo	1	0	YuraszeckMCCR23 [848]
Kateryna Czerniachowska	1	0	CzerniachowskaWZ23 [211]
Alain Côté	1	0	PopovicCGNC22 [663]

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Author	Nr Works	Nr Cites	Entries
Kenneth D. Young	1	6	YoungFS17 [843]
Laurent D. Michel	1	3	FontaineMH16 [285]
Steven D. Prestwich	1	6	RossiTHP07 [698]
Michael D. Moffitt	1	0	MoffittPP05 [577]
Eugene D. Davis	1	9	BeckDDF98 [86]
Jason D. Lohn	1	0	GlobusCLP04 [323]
Jean Damay	1	3	NeronABCDD06 [623]
Ken Darby-Dowman	1	28	DarbyDowmanL98 [216]
Ken Darby-Dowman	1	28	Darby-DowmanLMZ97 [217]
Ernest Davis	1	308	Davis87 [220]
Vivian De Smedt	1	7	GaySS14 [307]
Rina Dechter	1	10	FrostD98 [297]
Carmelo Del Valle	1	7	ValleMGT03 [796]
Xavier Delorme	1	0	RodriguezDG02 [691]
Alain Demeure	1	0	JourdanFRD94 [429]
Emir Demirovic	1	4	DemirovicS18 [232]
Nathan Denny	1	0	ElhouraniDM07 [256]
Roberto Di Cosmo	1	0	LiuCGM17 [515]
Stefano Di Alesio	1	13	AlesioBNG15 [22]
Guido Diepen	1	2	AkkerDH07 [797]
Bistra Dilkina	1	2	DilkinaDH05 [237]
Chris Ding	1	0	LiLZDZW24 [501]
Yann Disser	1	0	EmdeZD22 [260]
Alexandre Dolgui	1	2	NouriMHD23 [794]
Ulrich Domdorf	1	0	DomdorfPH03 [243]
Wolfgang Domschke	1	344	BlazewiczDP96 [165]
John Donovan	1	3	AwadMDMT22 [52]
Grégoire Dooms	1	1	DoomsH08 [244]
Agostino Dovier	1	0	TardivoDFMP23 [761]
Frej Drejhammar	1	21	LozanoCDS12 [532]
Lei Duan	1	2	DilkinaDH05 [237]
Alexandre Duarte de Almeida Lemos	1	0	Lemos21 [495]
Didier Dubois	1	13	FortinZDF05 [287]
Wout Dullaert	1	20	ZampelliVSDR13 [850]
Pierre Dupont	1	0	MonetteDD07 [579]
Anne-Marie Déplanche	1	33	CambazardHDJT04 [168]
Anne-Marie Déplanche	1	36	HladikCDJ08 [397]
Marco E. Lübbecke	1	28	BertholdHLMS10 [122]
Andrew E. Santosa	1	0	ZhuS02 [868]
Martha E. Pollack	1	0	MoffittPP05 [577]
Matthew E. Boyce	1	3	ReddyFIBKAJ11 [679]
Ignacio E. Grossman	1	44	HarjunkoskiJG00 [369]
Earl E. Lee	1	14	GongLMW09 [337]
John E. Mitchell	1	14	GongLMW09 [337]
Raúl E. Valdés-Pérez	1	0	Valdes87 [795]
Kyle E.C. Booth	1	24	RoshanaeiBAUB20 [694]
Nikolaos Efthymiou	1	0	EfthymiouY23 [254]
Gokhan Egilmez	1	43	GedikKEK18 [308]
Péter Egri	1	2	KovacsEKV05 [468]
Nizar El Hachemi	1	32	HachemiGR11 [356]
Ghada El Khayat	1	84	KhayatLR06 [449]
Abdellah El Fallahi	1	0	FallahiAC20 [275]
Özgün Elçi	1	2	ElciOH22 [255]
Theodore Elhourani	1	0	ElhouraniDM07 [256]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Simon Emde	1	0	EmdeZD22 [260]
Andreas Emeretlis	1	4	EmeretlisTAV17 [261]
Eyüp Ensar Isik	1	0	IsikYA23 [422]
Andrew Eremin	1	27	EreminW01 [262]
Teresa Escobet	1	17	EscobetPQPRA19 [264]
Megan Eskey	1	0	EskeyZ90 [265]
Joan Espasa	1	3	BofillEGPSV14 [136]
Marie-Laure Espinouse	1	0	BonninMNE24 [146]
Patrick Esquirol	1	0	EsquirolLH2008 [266]
Alireza Etminaniesfahani	1	0	EtminaniesfahaniGNMS22 [267]
Michael F. Gorman	1	0	KanetAG04 [445]
Michael F. McTear	1	0	YeGMH94 [840]
Alan F. Smeaton	1	1	KinsellaS0OS16 [452]
Mohd Fadlee A. Rasid	1	0	AkramNHRSA23 [18]
Ramon Faganello Fachini	1	25	FachiniA20 [270]
François Fages	1	0	JourdanFRD94 [429]
Moreno Falaschi	1	10	FalaschiGMP97 [274]
Thibault Falque	1	0	FalqueALM24 [276]
Jason Fama	1	0	FukunagaHFAMN02 [298]
Huali Fan	1	18	FanXG21 [277]
Hélène Fargier	1	13	FortinZDF05 [287]
Soroush Fatemi-Anaraki	1	7	Fatemi-AnarakiTFV23 [279]
Ferdinando Fioretto	1	0	KotaryFH22 [464]
Filippo Focacci	1	0	FocacciLN00 [283]
Daniel Fontaine	1	3	FontaineMH16 [285]
Urs Fontana	1	2	KoehlerBFFHPSSS21 [458]
M.A. Forbes	1	0	ForbesHJST24 [286]
Andrea Formisano	1	0	TardivoDFMP23 [761]
Jérôme Fortin	1	13	FortinZDF05 [287]
Mehdi Foumani	1	7	Fatemi-AnarakiTFV23 [279]
P. Francois	1	56	WeilHFP95 [826]
David Friedlander	1	0	MurphyRFSS97 [589]
Gerhard Friedrich	1	3	FriedrichFMRSST14 [293]
Sara Frimodig	1	3	FrimodigS19 [294]
Aurélien Froger	1	0	Froger16 [295]
Nikolaus Frohner	1	0	FrohnerTR19 [296]
Daniel Frost	1	10	FrostD98 [297]
Melanie Frühstück	1	3	FriedrichFMRSST14 [293]
Jun Fu	1	0	LiFJZLL22 [502]
Vincent Furnon	1	34	PerronSF04 [651]
Etienne Fux	1	2	KoehlerBFFHPSSS21 [458]
Ernesto G. Birgin	1	30	LunardiBLRV20 [536]
Lazaros G. Papageorgiou	1	48	RoePS05 [693]
John G. Hughes	1	0	YeGMH94 [840]
Mohamed Gaha	1	0	PopovicCGNC22 [663]
Flavius Galiber III	1	26	PembertonG98 [646]
Philippe Galinier	1	29	BourdaisGP03 [153]
Cristian Galleguillos	1	1	GalleguillosKSB19 [299]
Xavier Gandibleux	1	0	RodriguezDG02 [691]
Graeme Gange	1	6	He0GLW18 [375]
Kaizhou Gao	1	38	MengGRZSC22 [564]
Thierry Garaix	1	4	BourreauGGLT22 [154]
Maria Garcia de la Banda	1	24	BandaSC11 [225]
Antoine Gargani	1	17	GarganiR07 [301]
Serge Gaspers	1	0	ChuGNSW13 [193]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Etienne Gaudin	1	13	BenoistGR02 [120]
Jonathan Gaudreault	1	2	Mercier-AubinGQ20 [569]
Marc Geitz	1	0	GeitzGSSW22 [314]
Mirco Gelain	1	1	GelainPRVW17 [315]
Wing-Yue Geoffrey Louie	1	16	LouieVNB14 [531]
Marcus Gerhard Müller	1	17	MullerMKP22 [587]
Patrick Gerhards	1	0	HubnerGSV21 [418]
Grigori German	1	0	German18 [317]
Ulrich Geske	1	2	Geske05 [318]
Lise Getoor	1	0	GetoorOFC97 [319]
Shirin Ghasemi	1	0	GhasemiMH23 [320]
Katherine Giles	1	2	GilesH16 [321]
Derrick Glass	1	0	YeGMH94 [840]
Al Globus	1	0	GlobusCLP04 [323]
Daniel Godard	1	0	GodardLN05 [324]
Vikas Goel	1	48	GoelSHFS15 [327]
Mark Goh	1	18	FanXG21 [277]
Hans-Joachim Goltz	1	7	Goltz95 [333]
Chang Gon Kim	1	0	LeeKLKKYHP97 [494]
Matthieu Gondran	1	4	BourreauGGLT22 [154]
Jing Gong	1	14	GongLMW09 [337]
Inés González-Rodríguez	1	0	AfsarVPG23 [11]
Daisy Gossart	1	0	MeskensDHG11 [570]
Marcos Goycoolea	1	0	HillBCGN22 [395]
Mattias Grönkvist	1	28	Gronkvist06 [347]
Cristian Grozea	1	0	GeitzGSSW22 [314]
Flavius Gruian	1	5	GruianK98 [348]
Zailin Guan	1	2	ChenGPSH10 [192]
Serigne Gueye	1	3	Acuna-AgostMFG09 [8]
Ying Guo	1	0	ZhouGL15 [867]
Peng Guo	1	8	GuoHLW20 [352]
Penghui Guo	1	0	GuoZ23 [353]
Xiwang Guo	1	40	TanZWGQ19 [758]
Zhe Guo	1	2	LiuGT10 [513]
Olivier Guyon	1	32	GuyonLPR12 [355]
Christelle Guéret	1	43	MalapertGR12 [548]
Fatma Gzara	1	25	BalochG20 [59]
Şeyda Gür	1	19	GurEA19 [873]
Burak Gökgür	1	31	GokgurHO18 [330]
Seyda Gür	1	1	GurPAE23 [354]
Fehmi H'Mida	1	11	TrojetHL11 [789]
Rolf H. Möhring	1	28	BertholdHLMS10 [122]
John H. Drake	1	41	PourDERB18 [664]
M. H. Fazel Zarandi	1	28	ZarandiKS16 [851]
Klaus H. Ecker	1	38	BlazewiczEP19 [127]
Emile H. L. Aarts	1	0	NuijtenA94a [619]
Tarik Hadzic	1	3	SimonisH11 [742]
M.T. Hajian	1	53	RodosekWH99 [688]
Imen Hamdi	1	2	HamdiL13 [365]
Mahdi Hamid	1	0	GhasemiMH23 [320]
Ed Hamilton	1	0	FukunagaHFAMN02 [298]
Walter Hamscher	1	0	Hamscher91 [366]
Claire Hanen	1	1	HanenKP21 [367]
Jiang Hang Chen	1	27	QinDCS20 [673]
Sue Hanhilammi	1	2	KrogtLPHJ07 [799]

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Author	Nr Works	Nr Cites	Entries
Arnauld Hanset	1	0	MeskensDHG11 [570]
Zdeněk Hanzálek	1	2	NouriMHD23 [794]
Mohamed Haouari	1	3	LahimerLH11 [488]
M.G. Harris	1	0	ForbesHJST24 [286]
Fazirulhisyam Hashim	1	0	AkramNHRSA23 [18]
Muhammad Hasseb	1	2	ChenGPSH10 [192]
Alain Haït	1	76	ArtiguesLH13 [45]
Shan He	1	6	He0GLW18 [375]
Xun He	1	8	GuoHLW20 [352]
Aliza Heching	1	35	HechingHK19 [379]
Ivan Heckman	1	0	HeckmanB11 [381]
Susanne Heipcke	1	5	HeipckeCCS00 [389]
Fabien Hermenier	1	28	HermenierDL11 [393]
K. Heus	1	56	WeilHFP95 [826]
Gerhard Hiermann	1	14	RendlPHPR12 [682]
Pierre-Emmanuel Hladik	1	33	CambazardHDJT04 [168]
Pierre-Emmanuel Hladik	1	36	HladikCDJ08 [397]
Te-Wei Ho	1	2	HoYCLLCLC18 [398]
Steve Ho Chuen Chan	1	0	ChunCTY99 [195]
Wee-Kit Ho	1	0	LimAHO02a [504]
Petra Hofstedt	1	1	LiuLH19 [512]
Markó Horváth	1	5	NattafHKAL19 [607]
Mohammad Hossein Fazel Zarandi	1	55	ZarandiASC20 [852]
John Hou	1	1	DavenportKRSH07 [219]
Guoyu Huang	1	1	CohenHB17 [205]
Luke Hunsberger	1	0	Hunsberger08 [419]
Tae Hwan Kim	1	0	LeeKLKKYHP97 [494]
Sang-Ho Hyun	1	0	JoLLH99 [428]
Felix Hübner	1	0	HubnerGSV21 [418]
Michael Iatauro	1	3	ReddyFIBKAJ11 [679]
Ayoub Insa Corréa	1	106	CorreaLR07 [209]
Amar Isli	1	3	BelhadjiI98 [110]
Mustafa Ismael Salman	1	0	AkramNHRSA23 [18]
Fernando J. M. Marcellino	1	0	SerraNM12 [726]
Leon J. Osterweil	1	9	ShinBBHO18 [730]
H. J. Kim	1	12	SureshMOK06 [752]
John J. Kanet	1	0	KanetAG04 [445]
Colin J. Layfield	1	0	Layfield02 [493]
Andrew J. Mason	1	5	Mason01 [558]
Steven J. Edwards	1	3	EdwardsBSE19 [253]
Ronald J. Wilcox	1	71	GombolayWS18 [334]
Andrea J. Brickey	1	0	HillBCGN22 [395]
Richard J. Wallace	1	0	WallaceF00 [819]
Bradley J. Clement	1	0	Johnston05 [201]
A.S. Jain	1	490	JainM99 [424]
H.M. Jansen	1	0	ForbesHJST24 [286]
Jean Jaubert	1	0	PraletLJ15 [667]
Jan Jelínek	1	0	JelinekB16 [427]
Hyun Jeong Park	1	0	LeeKLKKYHP97 [494]
Keith Jewers	1	0	RoweJCA96 [699]
Yingjun Ji	1	0	ZhangJZL22 [859]
Zixi Jia	1	0	LiFJZLL22 [502]
Yunfei Jiang	1	0	LiuJ06 [516]
Yue Jin	1	2	KrogtLPHJ07 [799]

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Author	Nr Works	Nr Cites	Entries
GeunSik Jo	1	0	JoLLH99 [428]
Marc Joliveau	1	5	ChapadosJR11 [191]
Peter Jonsson	1	1	AngelsmarkJ00 [26]
Juan José Palacios	1	0	AfsarVPG23 [11]
A. Jouglet	1	6	CarlierPSJ20 [175]
Jean Jourdan	1	0	JourdanFRD94 [429]
Nicolas Jozefowiez	1	9	HebrardHJMPV16 [377]
Kyoung Jun Lee	1	0	LeeKLKKYHP97 [494]
Eui Jun Hwang	1	0	LeeKLKKYHP97 [494]
Jae-Yoon Jung	1	1	ParkUJR19 [645]
Pascal Jungblut	1	0	JungblutK22 [430]
Ulrich Junker	1	0	Junker00 [431]
T. K. Satish Kumar	1	4	Kumar03 [479]
Edmund K. Burke	1	41	PourDERB18 [664]
Mustafa K. Dogru	1	8	TerekhovDOB12 [766]
T. K. Feng	1	43	BeckFW11 [90]
Ari K. Jónsson	1	3	ReddyFIBKAJ11 [679]
Jayant Kalagnanam	1	1	DavenportKRSH07 [219]
Darshan Kalathia	1	43	GedikKEK18 [308]
Annaka Kalton	1	1	LudwigKRBMS14 [535]
Olli Kamarainen	1	9	KamarainenS02 [437]
Nor Kamariah Noordin	1	0	AkramNHRSA23 [18]
Kazuya Kaneko	1	0	YoshikawaKNW94 [841]
Thomas Kasper	1	79	BockmayrK98 [133]
Philip Kay	1	11	SimonisCK00 [740]
Elena Kelareva	1	16	KelarevaTK13 [446]
Jan Kelbel	1	12	KelbelH11 [447]
H. Khorshidian	1	28	ZarandiKS16 [851]
Kamran Kianfar	1	7	YounespourAKE19 [842]
Philip Kilby	1	16	KelarevaTK13 [446]
Dongyun Kim	1	0	KimCMLLP23 [451]
Hak-Jin Kim	1	30	HookerOTK00 [413]
Ryo Kimura	1	35	HechingHK19 [379]
Alan Kinsella	1	1	KinsellaS0OS16 [452]
Zeynep Kiziltan	1	1	GalleguillosKSB19 [299]
Christian Klanke	1	3	KlankeBYE21 [454]
Sigrid Knust	1	66	BruckerK00 [161]
Thorsten Koch	1	80	AchterbergBKW08 [7]
Jana Koehler	1	2	KoehlerBFFHPSSS21 [458]
Wolfgang Kohlenbrein	1	0	KovacsTKSG21 [472]
Rainer Kolisch	1	4	PohlAK22 [660]
Sebastian Kosch	1	4	KoschB14 [463]
James Kotary	1	0	KotaryFH22 [464]
Benjamin Kovács	1	0	KovacsTKSG21 [472]
Matthias Krainz	1	0	GeibingerKKMMW21 [310]
Andreas Krall	1	14	ErtlK91 [263]
Dieter Kranzlmüller	1	0	JungblutK22 [430]
Dominik Kress	1	17	MullerMKP22 [587]
Per Kreuger	1	0	AronssonBK09 [39]
Akshat Kumar	1	4	AgussurjaKL18 [16]
Jae Kyu Lee	1	0	LeeKLKKYHP97 [494]
Myoung Kyun Yoon	1	0	LeeKLKKYHP97 [494]
Mustafa Küçük	1	2	KucukY19 [480]
András Kéri	1	1	KeriK07 [448]
Michael L. Pinedo	1	0	KimCMLLP23 [451]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Hassan L. Hijazi	1	2	LimHTB16 [506]
Philip L. Henneman	1	9	ShinBBHO18 [730]
Yiqing L. Luo	1	0	LuoB22 [539]
Philippe Lacomme	1	4	BourreauGGLT22 [154]
Daniel Lafond	1	0	BoudreaultSLQ22 [152]
Anne-Marie Lagrange	1	0	CatusseCBL16 [183]
Asma Lahimer	1	3	LahimerLH11 [488]
Feipei Lai	1	2	HoYCLLCLC18 [398]
Jui-Fen Lai	1	2	HoYCLLCLC18 [398]
Leonardo Lamorgese	1	27	RiiseML16 [684]
Alexander Lazarev	1	12	ArkhipovBL19 [35]
Myungho Lee	1	0	KimCMLLP23 [451]
Kangbok Lee	1	0	KimCMLLP23 [451]
Kang-Hee Lee	1	0	JoLLH99 [428]
Hwi-Yoon Lee	1	0	JoLLH99 [428]
Solange Lemai-Chenevier	1	0	PraletLJ15 [667]
Olivier Lhomme	1	88	JussienL02 [432]
Xingyang Li	1	0	LiFJZLL22 [502]
Siyi Li	1	0	LiFJZLL22 [502]
Xiaodong Li	1	0	abs-2211-14492 [750]
Guipeng Li	1	0	ZhouGL15 [867]
Hong Li	1	4	SunLYL10 [751]
Nan Li	1	4	SunLYL10 [751]
Yunbo Li	1	1	Madi-WambaLOBM17 [543]
Heyse Li	1	8	TranPZLDB18 [784]
Yi Li	1	0	LuoVLBM16 [538]
Haitao Li	1	113	LiW08 [500]
Junqing Li	1	5	MengLZB21 [565]
Longkang Li	1	0	LiLZDZW24 [501]
Xueping Li	1	40	ZhaoL14 [864]
Zixiang Li	1	5	CilKLO22 [197]
Siyuan Liang	1	0	LiLZDZW24 [501]
Wan-Chung Liao	1	2	HoYCLLCLC18 [398]
Ariel Liebman	1	6	He0GLW18 [375]
Olivier Liess	1	22	LiessM08 [503]
Tong Liu	1	0	LiuCGM17 [515]
Lingxuan Liu	1	12	QinWSLS21 [672]
Ke Liu	1	1	LiuLH19 [512]
Rengkui Liu	1	24	TangLWSK18 [760]
Yuechang Liu	1	0	LiuJ06 [516]
Shi-Xin Liu	1	2	LiuGT10 [513]
Shu-Shun Liu	1	57	LiuW11 [514]
Giovanni Lo Bianco	1	1	ZhangBB22 [860]
Doina Logofatu	1	2	BadicaBIL19 [54]
Thomas Lorigeon	1	22	LorigeonBB02 [530]
Taicir Loukil	1	2	HamdiL13 [365]
Chao Lu	1	5	MengLZB21 [565]
Xuan Lu	1	0	LuZZYW24 [533]
Dandan Lu	1	5	PengLC14 [647]
Yulin Luan	1	8	GuoHLW20 [352]
Jeremy Ludwig	1	1	LudwigKRBMS14 [535]
Roy Luo	1	0	LuoVLBM16 [538]
Arnaud Lusson	1	0	HebrardALLCMR22 [376]
Zhimin Lv	1	1	ZhangLS12 [863]
Sven Löffler	1	1	LiuLH19 [512]

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Author	Nr Works	Nr Cites	Entries
J. M. van den Akker	1	2	AkkerDH07 [797]
Abdulrahman M. Abdulghani	1	0	AkramNHRSA23 [18]
O. M. Alade	1	0	abs-1902-01193 [19]
Shahrzad M. Pour	1	41	PourDERB18 [664]
Franco M. Novara	1	18	NovaraNH16 [614]
Rafael M. Gasca	1	7	ValleMGT03 [796]
Jose M. Framinan	1	0	AbreuPNF23 [4]
Mohammad M. Fazel-Zarandi	1	38	ZarandiB12 [280]
Norman M. Sadeh	1	0	FoxS90 [289]
Barbara M. Smith	1	56	SmithBHW96 [743]
Peter M. Hubbard	1	56	SmithBHW96 [743]
Jose M. Pinto	1	56	PintoG97 [657]
James M. Crawford	1	0	CrawfordB94 [210]
Ernesto M. Morgado	1	0	MorgadoM97 [583]
Michael M. Marefat	1	0	ElhouraniDM07 [256]
Jun Ma	1	1	MakMS10 [544]
Russell Macpherson	1	3	AwadMDMT22 [52]
Amy Mainville Cohn	1	1	BarlattCG08 [70]
Kai-Ling Mak	1	1	MakMS10 [544]
Neda Manavizadeh	1	4	RabbaniMM21 [677]
V. Mani	1	12	SureshMOK06 [752]
Carlo Mannino	1	27	RiiseML16 [684]
Marco Mantovani	1	12	BeniniLMMR08 [117]
Oscar Manzano	1	1	MurphyMB15 [590]
Christos Maravelias	1	0	AggounMV08 [13]
Kourosh Marjani Rasmussen	1	41	PourDERB18 [664]
Craig Markusic	1	1	LudwigKRBMS14 [535]
Grégory Marlière	1	1	MarliereSPR23 [554]
Kim Marriott	1	10	FalaschiGMP97 [274]
Fae Martin	1	11	MartinPY01 [556]
Ofer Matan	1	0	FukunagaHFAMN02 [298]
O. Mateescu	1	0	StidsenKM96 [747]
Bertrand Mazure	1	0	FalqueALM24 [276]
Jim McInnes	1	15	MalikMB08 [551]
S. Meeran	1	490	JainM99 [424]
Zahra Mehdizadeh-Somarin	1	0	Mehdizadeh-Somarin23 [559]
Haci Mehmet Alakas	1	1	GurPAE23 [354]
Sebastian Meiswinkel	1	0	WinterMMW22 [829]
Gonzalo Mejía	1	6	YuraszeckMPV22 [847]
Hein Meling	1	6	MossigeGSMC17 [584]
Julien Menana	1	0	Menana11 [561]
Jean-Marc Menaud	1	1	Madi-WambaLOBM17 [543]
Alexandre Mercier-Aubin	1	2	Mercier-AubinGQ20 [569]
Vera Mersheeva	1	3	FriedrichFMRSST14 [293]
Bernd Meyer	1	13	ThiruvadyBME09 [770]
Kyung Min Kim	1	6	HamPK21 [362]
Francis Ming Fai Tsang	1	0	ChunCTY99 [195]
Gautam Mitra	1	28	Darby-DowmanLMZ97 [217]
Elizabeth Montero	1	0	YuraszeckMCCR23 [848]
Kyungduk Moon	1	0	KimCMLLP23 [451]
Leila Moslemi Naeni	1	0	EtminaniesfahaniGNMS22 [267]
Morten Mossige	1	6	MossigeGSMC17 [584]
Aziz Moukrim	1	64	ClautiauxJCM08 [200]
Konrad Mulrennan	1	3	AwadMDMT22 [52]
Alix Munier Kordon	1	1	HanenKP21 [367]

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Author	Nr Works	Nr Cites	Entries
Kathleen Murphy	1	0	MurphyRFSS97 [589]
Stanislav Murín	1	2	MurinR19 [588]
David Müller	1	17	MullerMKP22 [587]
András Márkus	1	2	VanczaM01 [801]
Marc-André Ménard	1	1	BessiereHMQW14 [123]
Carlos Méndez	1	381	HarjunkoskiMBC14 [370]
T. N. Wong	1	6	ZhangYW21 [861]
S. N. Omkar	1	12	SureshMOK06 [752]
Bistra N. Dilkina	1	0	DilkinaH04 [238]
Nina Narodytska	1	0	ChuGNSW13 [193]
Alexandra Newman	1	0	HillBCGN22 [395]
Franklin Nguewouo	1	0	PopovicCGNC22 [663]
Gilberto Nishioka	1	0	SerraNM12 [726]
Yuriko Nomura	1	0	YoshikawaKNW94 [841]
Thierry Noulamo	1	0	KameugneFND23 [441]
Jari Nurmi	1	2	QuSN06 [675]
Emmanuel Néron	1	3	NeronABCDD06 [623]
A. O. Amusat	1	0	abs-1902-01193 [19]
Olga Ohrimenko	1	127	OhrimenkoSC09 [628]
Hiroyuki Okano	1	19	OkanoDTRYA04 [629]
Bilal Omar Akram	1	0	AkramNHRSA23 [18]
Mirza Omer Beg	1	1	BegB13 [101]
Wee-Chong Oon	1	0	LimAHO02a [504]
Anne-Cécile Orgerie	1	1	Madi-WambaLOBM17 [543]
M.A. Osorio	1	92	HookerO99 [411]
Mohand Ou Idir Khemmoudj	1	8	KhemmoudjPB06 [450]
Pierre Ouellet	1	12	OuelletQ13 [632]
Soukaina Oujana	1	1	OujanaAYB22 [635]
Asma Ouled Bedhief	1	0	Bedhief21 [100]
Débora P. Ronconi	1	30	LunardiBLRV20 [536]
Edward P. K. Tsang	1	1	Tsang03 [790]
Bradley P. Allen	1	0	FoxAS82 [288]
W. P. M. Nuijten	1	0	NuijtenA94a [619]
Markus P. J. Fromherz	1	0	GetoorOFC97 [319]
João P. Martins	1	0	MorgadoM97 [583]
Meghana Padmanabhan	1	8	TranPZLDB18 [784]
Silvia Padrón	1	0	GokPTGO23 [329]
Miquel Palahí	1	3	BofillEGPSV14 [136]
Catuscia Palamidessi	1	10	FalaschiGMP97 [274]
Pere Palà-Schönwälder	1	17	EscobetPQPRA19 [264]
Vaibhav Pandey	1	3	PandeyS21a [640]
Hoonseok Park	1	1	ParkUJR19 [645]
Erica Pastore	1	0	AlfieriGPS23 [23]
H. Paul Williams	1	56	SmithBHW96 [743]
Theo Pedersen	1	1	HanenKP21 [367]
Bart Peintner	1	0	MoffittPP05 [577]
Paola Pellegrini	1	1	MarliereSPR23 [554]
Louise Penz	1	0	PenzDN23 [648]
Bernard Penz	1	0	CatusseCBL16 [183]
Jordi Pereira	1	6	YuraszeckMPV22 [847]
Toän Phan Huy	1	0	DomdorfPH03 [243]
Toàn Phan-Huy	1	47	Dorndorf2000 [247]
Mehmet Pinarbasi	1	1	GurPAE23 [354]
Arthur Pinkney	1	11	MartinPY01 [556]
Eric Pinson	1	3	CarlierSJP21 [180]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Éric Pinson	1	32	GuyonLPR12 [355]
E. Pinson	1	6	CarlierPSJ20 [175]
Nicolai Pisaruk	1	12	BockmayrP06 [134]
David Pisinger	1	2	SacramentoSP20 [701]
Maximilian Pohl	1	4	PohlAK22 [660]
Oliver Polo-Mejía	1	8	Polo-MejiaALB20 [662]
Paul Pop	1	0	BarzegaranZP20 [81]
Louis Popovic	1	0	PopovicCGNC22 [663]
Marc Porcheron	1	8	KhemmoudjPB06 [450]
Jean-Yves Potvin	1	26	PesantGPR99 [652]
M. Poujade	1	56	WeilHFP95 [826]
Marc Pouly	1	2	KoehlerBFFHPSSS21 [458]
Guillaume Povéda	1	0	PovedaAA23 [665]
Matthias Prandtstetter	1	14	RendlPHPR12 [682]
Patrick Prosser	1	0	BeckPS03 [95]
Anna Pryor	1	0	GlobusCLP04 [323]
Jakob Puchinger	1	14	RendlPHPR12 [682]
Jean-Francois Puget	1	6	Puget95 [670]
Vicenç Puig	1	17	EscobetPQPRA19 [264]
Kenneth Pulliam	1	2	KrogtLPHJ07 [799]
Karim Pérez Martínez	1	1	MartnezAJ22 [557]
Liang Qi	1	40	TanZWGQ19 [758]
Kenny Qili Zhu	1	0	ZhuS02 [868]
Ming Qin	1	12	QinWSLS21 [672]
Yang Qu	1	2	QuSN06 [675]
Yuchen Quan	1	2	ShiYXQ22 [729]
Joseba Quevedo	1	17	EscobetPQPRA19 [264]
Alain Quilliot	1	0	ArtiguesHQT21 [43]
Claude-Guy Quimper	1	0	FahimiQ23 [273]
Dominik R. Bleidorn	1	3	KlankeBYE21 [454]
Aliza R. Heching	1	10	HechingH16 [380]
Gregg R. Rabideau	1	0	HebrardALLCMR22 [376]
Camino R. Vela	1	0	AfsarVPG23 [11]
Thomas R. Stidsen	1	0	StidsenKM96 [747]
Illah R. Nourbakhsh	1	0	FukunagaHFAMN02 [298]
Birger Raa	1	20	ZampelliVSDR13 [850]
Masoud Rabbani	1	4	RabbaniMM21 [677]
John Rachlin	1	0	MurthyRAW97 [591]
Chase Rainwater	1	20	GedikKBR17 [309]
Elizabeth Ralston	1	0	MurphyRFSS97 [589]
Riccardo Rasconi	1	0	OddiRC10 [626]
Tal Raviv	1	66	BukchinR18 [163]
Francisco Regis Abreu Gomes	1	1	GomesM17 [336]
Huizhi Ren	1	2	RenT09 [681]
Andrea Rendl	1	14	RendlPHPR12 [682]
Hamid Reza Feyzmahdavian	1	2	Astrand0F21 [49]
Vahid Riahi	1	4	RiahiNS018 [683]
T. Richards	1	0	SakkoutRW98 [705]
Robert Richards	1	1	LudwigKRBMS14 [535]
Atle Riise	1	27	RiiseML16 [684]
Diane Riopel	1	84	KhayatLR06 [449]
Jean-François Rit	1	0	Rit86 [685]
Gregory Rix	1	1	PesantRR15 [653]
Geraldo Robson Mateus	1	1	GomesM17 [336]
Brian Rodrigues	1	5	LimRX04 [505]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Benjamin Roe	1	48	RoePS05 [693]
Jerome Rogerie	1	148	LaborieRSV18 [484]
Jérôme Rogerie	1	17	LaborieR14 [485]
Mohammad Rohaninejad	1	0	Mehdizadeh-Somarin23 [559]
Maximiliano Rojel	1	0	YuraszeckMCCR23 [848]
Juli Romera	1	17	EscobetPQPRA19 [264]
Roberto Rossi	1	6	RossiTHP07 [698]
Benoît Rottembourg	1	13	BenoistGR02 [120]
François Roubellat	1	84	ArtiguesR00 [46]
Jean-Marc Rousseau	1	26	PesantGPR99 [652]
Louis-Martin Rousseau	1	43	MalapertGR12 [548]
Stéphanie Roussel	1	0	SquillaciPR23 [746]
John Rowe	1	0	RoweJCA96 [699]
Didier Rozzonelli	1	0	JourdanFRD94 [429]
Pascal Rubini	1	0	CatusseCBL16 [183]
Hana Rudová	1	2	MurinR19 [588]
Rubén Ruiz	1	2	NaderiRR23 [601]
Wheeler Ruml	1	0	DoRZ08 [242]
Martin Ruskowski	1	1	ParkUJR19 [645]
Anna Ryabokon	1	3	FriedrichFMRSST14 [293]
Mohamed S. Gheith	1	1	AbohashimaEG21 [3]
Yagmur S. Gök	1	0	GokPTGO23 [329]
Yagmur S. Gök	1	2	GokGSTO20 [328]
Erlender S. Thorsteinsson	1	30	HookerOTK00 [413]
Seshashayee S. Murthy	1	0	MurthyRAW97 [591]
Alex S. Fukunaga	1	0	FukunagaHFAMN02 [298]
David Sacramento	1	2	SacramentoSP20 [701]
Norman Sadeh	1	95	SadehF96 [702]
Shahram Saeidi	1	1	AlizdehS20 [24]
Abderrahim Sahli	1	3	CarlierSJP21 [180]
A. Sahli	1	6	CarlierPSJ20 [175]
Poonam Saini	1	3	PandeyS21a [640]
Fabio Salassa	1	0	AlfieriGPS23 [23]
Amir Salehipour	1	0	EtminaniesfahaniGNMS22 [267]
Sophia Saller	1	2	KoehlerBFFHPSSS21 [458]
Latif Salum	1	31	TopalogluSS12 [777]
Anastasia Salyaeva	1	2	KoehlerBFFHPSSS21 [458]
Guido Sand	1	381	HarjunkoskiMBC14 [370]
Maria Sander	1	3	FriedrichFMRSST14 [293]
Eric Sanlaville	1	7	PoderBS04 [659]
Óscar Sapena	1	22	GarridoOS08 [303]
Özge Satir Akpunar	1	0	IsikYA23 [422]
Abdul Sattar	1	4	RiahiNS018 [683]
Andrea Schaerf	1	0	Schaerf96 [707]
Peter Scheiblechner	1	2	KoehlerBFFHPSSS21 [458]
Klaus Schild	1	23	SchildW00 [710]
Thomas Schlechte	1	10	HeinzSSW12 [384]
Thorsten Schmidt	1	1	BenderWS21 [111]
Günter Schmidt	1	38	BlazewiczEP19 [127]
Philipp Schrott-Kostwein	1	0	KovacsTKSG21 [472]
J. Schumacher	1	1	LudwigKRBMS14 [535]
Uwe Schwiegelshohn	1	4	LimtanyakulS12 [510]
Lena Secher Ejlertsen	1	41	PourDERB18 [664]
Evgeny Selensky	1	0	BeckPS03 [95]
Arik Senderovich	1	0	SenderovichBB19 [725]

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Author	Nr Works	Nr Cites	Entries
Thiago Serra	1	0	SerraNM12 [726]
Nilay Shah	1	48	RoePS05 [693]
Yufen Shao	1	48	GoelSHFS15 [327]
Xinyu Shao	1	2	ChenGPSH10 [192]
Ganquan Shi	1	2	ShiYXQ22 [729]
Zhongshun Shi	1	12	QinWSLS21 [672]
Leyuan Shi	1	12	QinWSLS21 [672]
Toramatsu Shintani	1	0	TsurutaS00 [791]
Stuart Siegel	1	1	DavenportKRSH07 [219]
Maria Silvia Pini	1	1	GelainPRVW17 [315]
Vanessa Simard	1	0	BoudreaultSLQ22 [152]
Pawel Sitek	1	0	WikarekS19 [828]
M. Slusky	1	48	GoelSHFS15 [327]
Kate Smith-Miles	1	3	EdwardsBSE19 [253]
Sonia Sobieraj	1	0	RodriguezS09 [692]
Juha-Pekka Soininen	1	2	QuSN06 [675]
Junbo Son	1	1	ZhuSZW23 [869]
Xiaoqing Song	1	1	ZhangLS12 [863]
Shahabeddin Sotudian	1	55	ZarandiASC20 [852]
Francis Sourd	1	7	SourdN00 [745]
Helge Spieker	1	6	MossigeGSMC17 [584]
Samuel Squillaci	1	0	SquillaciPR23 [746]
Andreas Starzacher	1	3	FriedrichFMRSST14 [293]
Paul Steege	1	0	MurphyRFSS97 [589]
Wolfgang Steigerwald	1	0	GeitzGSSW22 [314]
Rüdiger Stephan	1	10	HeinzSSW12 [384]
Malgorzata Sterna	1	38	BlazewiczEP19 [127]
Gary Strohm	1	0	FoxAS82 [288]
Robin Stöhr	1	0	GeitzGSSW22 [314]
Christian Stürck	1	0	HubnerGSV21 [418]
Kaile Su	1	4	RiahiNS018 [683]
Wei Su	1	1	MakMS10 [544]
Kemal Subulan	1	5	SubulanC22 [748]
Premysl Sucha	1	2	BenediktSMVH18 [114]
Ipek Sugut	1	0	OrnekOS20 [631]
Quanxin Sun	1	24	TangLWSK18 [760]
Zheng Sun	1	4	SunLYL10 [751]
Defeng Sun	1	31	SunTB19 [749]
Suresh Sundaram	1	12	SureshMOK06 [752]
Pavel Surynek	1	2	BartakCS10 [74]
Jirí Svancara	1	0	SvancaraB22 [753]
Rodney Swab	1	0	MurphyRFSS97 [589]
Ria Szeredi	1	9	SzerediS16 [754]
Alina Sîrbu	1	1	GalleguillosKSB19 [299]
Willian T. Lunardi	1	30	LunardiBLRV20 [536]
T. Taimre	1	0	ForbesHJST24 [286]
Yingcong Tan	1	1	TanT18 [756]
Siyu Tang	1	7	VlkHT21 [814]
Yuanjie Tang	1	24	TangLWSK18 [760]
Jia-Fu Tang	1	2	LiuGT10 [513]
Fabio Tardivo	1	0	TardivoDFMP23 [761]
Armagan Tarim	1	6	RossiTHP07 [698]
Ehsan Tarkesh Esfahani	1	7	YounespourAKE19 [842]
Reza Tavakkoli-Moghaddam	1	2	NouriMHD23 [794]
Nikolay Tchernev	1	4	BourreauGGLT22 [154]

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Author	Nr Works	Nr Cites	Entries
Paolo Terenziani	1	1	BrusoniCLMMT96 [162]
Willian Tessaro Lunardi	1	0	Lunardi20 [537]
Stephan Teuschl	1	0	FrohnerTR19 [296]
George Theodoridis	1	4	EmeretlisTAV17 [261]
Jordan Ticktin	1	0	HillTV21 [396]
Kevin Tierney	1	16	KelarevaTK13 [446]
Christian Timpe	1	42	Timpe02 [774]
Mary Tom	1	0	Tom19 [775]
David Tormey	1	3	AwadMDMT22 [52]
Miguel Toro	1	7	ValleMGT03 [796]
Philippe Torres	1	26	TorresL00 [778]
Meriem Touat	1	0	TouatBT22 [779]
Touraïvane	1	2	Touraivane95 [780]
Hélène Toussaint	1	0	ArtiguesHQT21 [43]
Yvon Trinquet	1	33	CambazardHDJT04 [168]
Mariem Trojet	1	11	TrojetHL11 [789]
Mark Trumbo	1	19	OkanoDTRYA04 [629]
Hoang Trung La	1	1	BriandHHL08 [157]
Takuo Tsuruta	1	0	TsurutaS00 [791]
Paul Tyler	1	0	HebrardTW05 [378]
Jumyung Um	1	1	ParkUJR19 [645]
David Urbach	1	61	RoshanaeiLAU17 [695]
L. V. Kragelund	1	0	StidsenKM96 [747]
Sasha Van Cauwelaert	1	2	CauwelaertDS20 [187]
Rowan Van Schaeren	1	20	ZampelliVSDR13 [850]
Yannis Vergados	1	20	ZampelliVSDR13 [850]
Thierry Vidal	1	58	BidotVLB09 [124]
Karen Villaverde	1	0	VillaverdeP04 [813]
Mariona Vilà	1	6	YuraszeckMPV22 [847]
João Vitor Moccellin	1	5	AbreuAPNM21 [221]
Rebekka Volk	1	0	HubnerGSV21 [418]
Holger Voos	1	30	LunardiBLRV20 [536]
Nikolaos Voros	1	4	EmeretlisTAV17 [261]
Thomas W. M. Vossen	1	0	HillTV21 [396]
John W. Fowler	1	21	HamFC17 [360]
Kai Waelti	1	2	KoehlerBFFHPSSS21 [458]
Dennis Wai Ming Yeung	1	0	ChunCTY99 [195]
Mark Wallace	1	0	SakkoutRW98 [705]
Runsen Wang	1	12	QinWSLS21 [672]
Futian Wang	1	24	TangLWSK18 [760]
Shouyang Wang	1	49	ZhangW18 [862]
Tao Wang	1	36	WangMD15 [822]
Yi Wang	1	8	GuoHLW20 [352]
Yingying Wang	1	40	TanZWGQ19 [758]
Dazhi Wang	1	1	TanSD10 [757]
Chang-Jung Wang	1	57	LiuW11 [514]
Junjie Wang	1	0	LuZZYW24 [533]
Xiaofang Wang	1	0	PolicellaWSO05 [661]
Ezra Wari	1	11	WariZ19 [823]
John Wassick	1	381	HarjunkoskiMBC14 [370]
Masanobu Watanabe	1	0	YoshikawaKNW94 [841]
Jan Weglarz	1	38	BlazewiczEP19 [127]
Kong Wei Lye	1	0	LauLN08 [491]
G. Weil	1	56	WeilHFP95 [826]
Johan Wessén	1	2	WessenCS20 [827]

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Author	Nr Works	Nr Cites	Entries
Radosław Wichniarek	1	0	CzerniachowskaWZ23 [211]
Jaroslaw Wikarek	1	0	WikarekS19 [828]
Campbell Wilson	1	6	He0GLW18 [375]
Michael Winkler	1	10	HeinzSSW12 [384]
David Wittwer	1	1	BenderWS21 [111]
Kati Wolter	1	80	AchterbergBKW08 [7]
Keith Womer	1	113	LiW08 [500]
Hyun Woo Kim	1	0	LeeKLKKYHP97 [494]
Jianguo Wu	1	1	ZhuSZW23 [869]
Cheng-Hung Wu	1	14	NattafDYW19 [606]
Baoyuan Wu	1	0	LiLZDZW24 [501]
Jörg Würtz	1	23	SchildW00 [710]
Quanshi Xia	1	13	ChuX05 [194]
Hegen Xiong	1	18	FanXG21 [277]
Zhou Xu	1	5	LimRX04 [505]
Yang Xu	1	2	ShiYXQ22 [729]
Tanya Y. Tang	1	6	TangB20 [759]
Sudhakar Y. Reddy	1	3	ReddyFIBKAJ11 [679]
Frederick Y. Wu	1	0	MurthyRAW97 [591]
El Yaakoubi Anass	1	0	FallahiAC20 [275]
Hong Yan	1	8	HookerY02 [415]
Moli Yang	1	1	YangSS19 [839]
Zhouwang Yang	1	2	ShiYXQ22 [729]
Caiyun Yang	1	0	LuZZYW24 [533]
Jia-Sheng Yao	1	2	HoYCLLCLC18 [398]
Min Yao	1	4	SunLYL10 [751]
Peng Ye	1	0	YeGMH94 [840]
Seung Yeob Shin	1	9	ShinBBHO18 [730]
Vassilios Yfantis	1	3	KlankeBYE21 [454]
Ted Yiu Tat Suen	1	3	ChunS14 [196]
Kunikazu Yoda	1	19	OkanoDTRYA04 [629]
Masazumi Yoshikawa	1	0	YoshikawaKNW94 [841]
Maryam Younespour	1	7	YounespourAKE19 [842]
Chunxia Yu	1	6	ZhangYW21 [861]
Xinghuo Yu	1	11	MartinPY01 [556]
Oleg Yu. Gusikhin	1	1	BarlattCG08 [70]
Claude Yugma	1	14	NattafDYW19 [606]
Peter Yun Zhang	1	8	TranPZLDB18 [784]
Pinar Yunusoglu	1	20	YunusogluY22 [845]
Marco Zaffalon	1	28	Darby-DowmanLMZ97 [217]
Boukhalfa Zahout	1	0	Zahout21 [849]
Bahram Zarrin	1	0	BarzegaranZP20 [81]
L.J. Zeballos	1	41	Zeballos10 [853]
Shohre Zehtabian	1	0	EmdeZD22 [260]
Hongyuan Zha	1	0	LiLZDZW24 [501]
Mengjie Zhang	1	0	abs-2402-00459 [610]
Haotian Zhang	1	0	ZhangJZL22 [859]
Luping Zhang	1	6	ZhangYW21 [861]
Sicheng Zhang	1	49	ZhangW18 [862]
Xujun Zhang	1	1	ZhangLS12 [863]
Lihui Zhang	1	18	ZouZ20 [872]
Jiachen Zhang	1	1	ZhangBB22 [860]
Xi Zhang	1	1	ZhuSZW23 [869]
Yu Zhang	1	0	LuZZYW24 [533]
Zhaoxia Zhao	1	40	ZhaoL14 [864]

Table 8: Co-Authors of Articles/Papers

Author	Nr Works	Nr Cites	Entries
Lanbo Zheng	1	0	LuZZYW24 [533]
Jinlian Zhou	1	0	ZhouGL15 [867]
MengChu Zhou	1	40	TanZWGQ19 [758]
Rong Zhou	1	0	DoRZ08 [242]
Weihang Zhu	1	11	WariZ19 [823]
Jianjun Zhu	1	0	GuoZ23 [353]
Xuedong Zhu	1	1	ZhuSZW23 [869]
Zihao Zhu	1	0	LiLZDZW24 [501]
Pawel Zielinski	1	13	FortinZDF05 [287]
Jürgen Zimmermann	1	25	KreterSSZ18 [475]
Xin Zou	1	18	ZouZ20 [872]
Monte Zweben	1	0	EskeyZ90 [265]
Hande Öztop	1	5	CilKLO22 [197]
Mathijs de Weerdt	1	1	BogaerdtW19 [798]
Bruno de Athayde Prata	1	5	AbreuAPNM21 [221]
Roman van der Krogt	1	2	KrogtLPHJ07 [799]
Pim van den Bogaerdt	1	1	BogaerdtW19 [798]
Willem-Jan van Hoeve	1	12	HookerH17 [414]
F.A. van der Schoot	1	0	ForbesHJST24 [286]
Stefano Di Alesio	1	3	AlesioNBG14 [236]
Sonia Sobieraj Richard	1	1	MarliereSPR23 [554]
Ulas Özen	1	8	TerekhovDOB12 [766]
Selin Özpeynirci	1	31	GokgurHO18 [330]
Cemalatin Öztürk	1	5	OzturkTHO12 [636]
Nahum Álvarez	1	0	PovedaAA23 [665]
Seán Óg Murphy	1	1	MurphyMB15 [590]
Gizem Çakir	1	5	SubulanC22 [748]
Krzysztof Żywicki	1	0	CzerniachowskaWZ23 [211]

5 Most Cited Works

Table 9: Works from bibtex (Total 30)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JainM99 JainM99	A. Jain, S. Meeran	Deterministic job-shop scheduling: Past, present and future	Yes	[424]	1999	European Journal of Operational Research	45	490	150	1396	n/a
MintonJPL92 MintonJPL92	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems	No	[576]	1992	Artificial Intelligence	null	437	13	No	n/a
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[370]	2014	Computers Chemical Engineering	33	381	176	1376	n/a
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[165]	1996	European Journal of Operational Research	33	344	127	1299	n/a
HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[412]	2003	Mathematical Programming	28	317	0	1389	n/a
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	Yes	[220]	1987	Artificial Intelligence	51	308	21	1328	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[67]	2001	Book	null	296	0	No	n/a
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[425]	2001	INFORMS Journal on Computing	19	279	23	1395	n/a
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[12]	1993	Mathematical and Computer Modelling	17	187	11	1259	n/a
Hooker00 Hooker00	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[399]	2000	Book	null	185	0	No	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[407]	2007	Operations Research	29	181	19	1387	n/a
HarjunkoskiG02 HarjunkoskiG02	I. Harjunkoski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[368]	2002	Computers Chemical Engineering	20	169	11	1374	n/a
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[108]	1994	Mathematical and Computer Modelling	27	167	8	1292	n/a
Ham18 Ham18	Andy 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	[363]	2018	Transportation Research Part C: Emerging Technologies	14	164	14	1367	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	[484]	2018	Constraints An Int. J.	41	148	35	1418	1633
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[481]	2003	Artificial Intelligence	38	128	10	1416	n/a
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[628]	2009	Constraints An Int. J.	35	127	15	1474	n/a
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[476]	2016	Computers Operations Research	9	119	17	1413	n/a
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[689]	2007	Transportation Research Part B: Methodological	15	117	6	1497	n/a

Table 9: Works from bibtex (Total 30)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	Yes	[552]	2004	Computers Chemical Engineering	29	116	24	1438	n/a
LiW08 LiW08	H. Li, K. Womer	Scheduling projects with multi-skilled personnel by a hybrid MILP/CP benders decomposition algorithm	Yes	[500]	2008	Journal of Scheduling	18	113	31	1422	n/a
CorreaLR07 CorreaLR07	Ayoub Insa Corréa, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[209]	2007	Computers Operations Research	20	106	20	1325	n/a
Kuchcinski03 Kuchcinski03	K. Kuchcinski	Constraints-driven scheduling and resource assignment	Yes	[477]	2003	ACM Transactions on Design Automation of Electronic Systems	29	105	15	1414	n/a
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	[566]	2020	Computers Industrial Engineering	13	100	62	1447	1620
BensanaLV99 BensanaLV99	E. Bensana, M. Lemaître, G. Verfaillie	Earth Observation Satellite Management	Yes	[121]	1999	Constraints An Int. J.	7	99	0	1297	1666
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[641]	1994	Intelligent Systems Engineering	34	98	0	1483	n/a
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	Yes	[702]	1996	Artificial Intelligence	41	95	17	1505	n/a
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[400]	2002	INFORMS Journal on Computing	null	94	84	No	n/a
HookerO99 HookerO99	John N. Hooker, M. Osorio	Mixed logical-linear programming	Yes	[411]	1999	Discrete Applied Mathematics	48	92	48	1390	n/a
JussienL02 JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[432]	2002	Artificial Intelligence	25	88	16	1398	n/a

6 Problem Classification

Table 10: Problem Classification Types

Code	Name
JSSP	Job-Shop Scheduling Problem
JSPT	Job-Shop Scheduling Problem with Transportation
PP-MS-MMRCPSP/max-cal	partially preemptive- multi-skill/mode resource-constrained project scheduling problem with generalized precedence relations and resource calendars
RCPSP	Resource Constrained Project Scheduling Problem
TMS	Transmission Network Maintenance Planning
PMSP	Parallel Machine Scheduling Problem
HFF	Hybrid Flexible Flow-shop
$HFFm\|tt\|C_{\max}$	Hybrid Flexible Flowshop with Transportation Times
OSP	Oven Scheduling Problem
PTC	Scheduling Problem with Time Constraints
GCSP	Group Cumulative Scheduling Problem
2BPHFSP	Two-Stage Bin Packing and Hybrid Flow Shop Scheduling Problem
CTW	Cable Tree Wiring Problem
CHSP	Cyclic Hoist Scheduling Problem
CECSP	Continuous Energy-Constrained Scheduling Problem
CuSP	Cumulative Scheduling Problem
SBSFMMAL	Simultaneous Balancing and Scheduling of Flexible Mixed Model Assembly Lines
SMSDP	steel mill slab design problem
KRFP	kernel resource feasibility problem
TCSP	Temporal Constraint Satisfaction Problem
PJSSP	Pre-emptive Job-Shop scheduling Problem
MGAP	Modified Generalized Assignment Problem
EOSP	Earth Observation Scheduling Problem
SCC	Steel-making and continuous casting
OSSP	Open Shop Scheduling Problem
FJS	Fixed Job Scheduling
RCPSPDC	Resource-constrained Project Scheduling Problem with Discounted Cashflow
LSFRP	Liner Shipping Fleet Repositioning Problem
BPCTOP	Bulk Port Cargo Throughput Optimisation Problem

7 Concept Matching

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

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

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

7.1 Concept Type Concepts

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	Allen's algebra			
Concepts	BOM	SubulanC22 [748], OrnekO16 [630]		HoundjiSW19 [416], abs-1902-01193 [19], UnsalO19 [793]
Concepts	Benders Decomposition	ForbesHJST24 [286], GuoZ23 [353], ZhuSZW23 [869], NaderiBZR23 [596], JuvinHL23a [436], NaderiBZ23 [598], ElciOH22 [255], NaderiBZ22a [595], JuvinHL22 [434], EmdeZD22 [260], NaderiBZ22 [597], RoshanaeiN21 [697], VlkHT21 [814], FachiniA20 [270], RoshanaeiBAUB20 [694], SunTB19 [749], UnsalO19 [793], Hooker19 [410], GombolayWS18 [334], TanT18 [756], AgussurjaKL18 [16], GoldwaserS18 [332], HookerH17 [414], GomesM17 [336], EmeretlisTAV17 [261], CireCH16 [199], QinDS16 [674], TranAB16 [781], Froger16 [295]... (Total: 67)	LuZZYW24 [533], NaderiRR23 [601], MengGRZSC22 [564], TangB20 [759], TanZWGQ19 [758], Laborie18a [483], TranVNB17 [786], RoshanaeiLAU17 [695], GoldwaserS17 [331], RiiseML16 [684], HarjunkoskiMBC14 [370], GuyonLPR12 [355], LombardiMRB10 [527], BeniniLMR08 [118], Hooker05a [403], HookerY02 [415]	PrataAN23 [668], PovedaAA23 [665], AlfieriGPS23 [23], JuvinHHL23 [433], LuoB22 [539], FarsiTM22 [278], Godet21a [325], QinDCS20 [673], WallaceY20 [818], MengZRZL20 [566], AntunesABD20 [28], Mercier-AubinGQ20 [569], Polo-MejiaALB20 [662], MurinR19 [588], FrimodigS19 [294], LaborieRSV18 [484], AntunesABD18 [27], CappartTSR18 [172], BoothNB16 [147], FontaineMH16 [285], Fahimi16 [271], EvenSH15a [269], BurtLPS15 [164], EvenSH15 [268], BlomBPS14 [129], LipovetzkyBPS14 [511], KoschB14 [463], LaborieR14 [485], KelarevaTK13 [446]... (Total: 43)
Concepts	CLP	BadicaBI20 [53], WikarekS19 [828], BadicaBIL19 [54], HookerH17 [414], Menana11 [561], Malapert11 [545], RenT09 [681], Simonis07 [739], RoePS05 [693], Kuchcinski03 [477], ZhuS02 [868], Bartak02 [72], Thorsteinsson01 [773], MartinPY01 [556], BosiM2001 [150], HarjunkoskiJG00 [369], Simonis99 [738], RodosekWH99 [688], AbdennadherS99 [2], GruianK98 [348], RodosekW98 [687], LammaMM97 [490], Darby-DowmanLMZ97 [217], FalaschiGMP97 [274], BrusoniCLMMT96 [162], Wallace96 [816], Touraivane95 [780], Simonis95a [736], Goltz95 [333]	ShaikhK23 [727], FontaineMH16 [285], Kameugne14 [438], Balduccini11 [58], Wolf09 [835], AchterbergBKW08 [7], JussienL02 [432], Baptiste02 [60], HookerOTK00 [413], HookerO99 [411], Simonis95 [737], FoxS90 [289], DincbasSH90 [241]	KameugneFND23 [441], ColT22 [213], GeitzGSSW22 [314], Teppan22 [765], GeibingerMM21 [313], CauwelaertDS20 [187], ZarandiASC20 [852], ColT2019a [212], abs-1902-01193 [19], Hooker19 [410], GokgurHO18 [330], GelainPRVW17 [315], Madi-WambaB16 [542], BofillGSV15 [137], LetortCB15 [499], Siala15a [732], HarjunkoskiMBC14 [370], KameugneFSN14 [444], SchuttFS13 [716], SchuttFSW13 [720], OzturkTHO13 [638], SchuttFS13a [715], Letort13 [496], LetortBC12 [497], Clercq12 [224], SimonisH11 [742], Schutt11 [713], KameugneFSN11 [443], CobanH11 [204]... (Total: 90)
Concepts	COP	Lemos21 [495], Godet21a [325], Groleaz21 [344], PourDERB18 [664], Dejemeppe16 [227], AlesioNBG14 [236], HeinzSB13 [386], Malapert11 [545], KovacsK11 [469], ChenGPSH10 [192], ElhouraniDM07 [256], Dorndorf2000 [247]	FalqueALM24 [276], FetgoD22 [281], Edis21 [250], LiuCGM17 [515], HarjunkoskiMBC14 [370], Beck99 [82], BeckDDF98 [86], BeckF98 [91]	BonninMNE24 [146], PenzDN23 [648], ZhangBB22 [860], BoudreaultSLQ22 [152], ColT22 [213], GeitzGSSW22 [314], FallahiAC20 [275], AntunesABD20 [28], NattafM20 [608], UnsalO19 [793], MalapertN19 [549], German18 [317], AntunesABD18 [27], Laborie18a [483], CappartS17 [171], CohenHB17 [205], TranWDRFOVB16 [788], Froger16 [295], HechingH16 [380], CatusseCBL16 [183], AmadiniGM16 [25], TranDRFWOVB16 [783], QinDS16 [674], Derrien15 [233], Siala15a [732], GrimesH15 [341], DejemeppeD14 [229], Clercq12 [224], HeinzB12 [382]... (Total: 42)

Table 11: Works for Concepts of Type Concepts

Type	Keyword		High	Medium	Low
Concepts	CP		LuZZYW24 [533], FalqueALM24 [276], BonninMNE24 [146], abs-2402-00459 [610], ForbesHJST24 [286], PrataAN23 [668], TardivoDFMP23 [761], AkramNHRSA23 [18], NaderiRR23 [601], LacknerMMWW23 [487], Mehdizadeh-Somarin23 [559], TasselGS23 [762], Adelgren2023 [10], AbreuPNF23 [4], Fatemi-AnarakiTFV23 [279], YuraszeckMCCR23 [848], PovedaAA23 [665], WangB23 [821], KameugneFND23 [441], EfthymiouY23 [254], abs-2306-05747 [763], SquillaciPR23 [746], JuvinHL23 [435], IsikYA23 [422], NaderiBZR23 [596], KimCMLLP23 [451], YuraszeckMC23 [846], abs-2305-19888 [388], abs-2312-13682 [650]... (Total: 547)	Caballero23 [167], PenzDN23 [648], SvancaraB22 [753], CarlierPSJ20 [175], WikarekS19 [828], LiuLH19 [512], TranPZLDB18 [784], KletzanderM17 [455], GelainPRVW17 [315], NattafAL17 [604], NattafALR16 [605], GingrasQ16 [322], MurphyMB15 [590], ZhouGL15 [867], HoundjiSWD14 [417], GrimesIOS14 [343], TerekhovTDB14 [767], DoulabiRP14 [248], BonfiettiLM14 [143], ChuGNSW13 [193], MalapertCGJLR13 [547], GuSW12 [351], SimoninAHL12 [734], BonfiettiM12 [144], BonfiettiLBM12 [140], Wolf11 [832], BonfiettiLBM11 [139], abs-1009-0347 [718], GrimesHM09 [342]... (Total: 78)	LiLZDZW24 [501], ShaikhK23 [727], JungblutK22 [430], AbohashimaEG21 [3], KletzanderMH21 [457], FanXG21 [277], KletzanderM20 [456], BadicaBIL19 [54], RiahiNS018 [683], He0GLW18 [375], TranDRFWOVB16 [783], Madi-WambaB16 [542], BlomPS16 [130], KinsellaS0OS16 [452], Bonfietti16 [138], SimoninAHL15 [735], BartakV15 [77], Siala15 [731], BlomBPS14 [129], BessiereHMQW14 [123], BegB13 [101], TranTDB13 [785], MenciaSV12 [562], IfrimOS12 [421], BartakS11 [75], BandaSC11 [225], ReddyFIBKAJ11 [679], ChapadosJR11 [191], BartakCS10 [74]... (Total: 65)
Concepts	CSP		FalqueALM24 [276], ZhuSZW23 [869], FetgoD22 [281], ColT22 [213], LuoB22 [539], Lemos21 [495], KletzanderMH21 [457], Groleaz21 [344], Godet21a [325], GroleazNS20 [346], QinDCS20 [673], ZarandiASC20 [852], LiuLH19 [512], NattafHKAL19 [607], SunTB19 [749], Caballero19 [166], German18 [317], PourDERB18 [664], TangLWSK18 [760], GokgurHO18 [330], GelainPRVW17 [315], LiuCGM17 [515], NattafAL17 [604], Nattaf16 [602], Fahimi16 [271], NattafALR16 [605], ZarandiKS16 [851], Dejemeppe16 [227], Siala15a [732]... (Total: 87)	JuvinHHL23 [433], TardivoDFMP23 [761], HillTV21 [396], Astrand21 [48], Zahout21 [849], Edis21 [250], SacramentoSP20 [701], ZouZ20 [872], FallahiAC20 [275], CappartTSR18 [172], CauwelaertLS18 [186], HookerH17 [414], Madi-WambaLOBM17 [543], Derrien15 [233], GrimesH15 [341], MalapertCGJLR13 [547], BajestaniB13 [56], ChuGNSW13 [193], BonfiettiLM13 [142], ZhangLS12 [863], BandaSC11 [225], ZeballosNH11 [858], LiuW11 [514], GrimesH10 [339], OddiRC10 [626], Zeballos10 [853], LombardiM10a [521], abs-0907-0939 [655], HentenryckM08 [392]... (Total: 52)	WangB23 [821], EfthymiouY23 [254], Bit-Monnot23 [126], KoehlerBFFHPSSS21 [458], AntuoriHHEN21 [30], PandeyS21a [640], Mercier-AubinGQ20 [569], ThomasKS20 [772], AstrandJZ20 [51], abs-1902-01193 [19], WikarekS19 [828], abs-1901-07914 [103], BehrensLM19 [102], FrohnerTR19 [296], Ham18a [357], Ham18 [363], LaborieRSV18 [484], KameugneFGOQ18 [440], AstrandJZ18 [50], MossigeGSMC17 [584], NovaraNH16 [614], AmadiniGM16 [25], BoothNB16 [147], CauwelaertLS15 [185], VilimLS15 [812], LombardiBM15 [518], WangMD15 [822], BofillGSV15 [137], ZhouGL15 [867]... (Total: 97)
Concepts	Logic-Based Decomposition	Benders	ForbesHJST24 [286], ZhuSZW23 [869], NaderiBZR23 [596], JuvinHL23a [436], GuoZ23 [353], NaderiBZ22a [595], ElciOH22 [255], JuvinHL22 [434], EmdeZD22 [260], VlkHT21 [814], RoshanaeiN21 [697], FachiniA20 [270], UnsalO19 [793], Hooker19 [410], SunTB19 [749], GoldwaserS18 [332], TanT18 [756], EmeretlisTAV17 [261], HookerH17 [414], HechingH16 [380], CireCH16 [199], TranAB16 [781], BajestaniB15 [57], CireCH13 [198], HamdiL13 [365], HeinzKB13 [383], BajestaniB13 [56], TranB12 [782], LombardiM12 [524]... (Total: 37)	NaderiBZ23 [598], NaderiRR23 [601], NaderiBZ22 [597], TangB20 [759], RoshanaeiBAUB20 [694], Laborie18a [483], GoldwaserS17 [331], Froger16 [295], HeinzB12 [382], GuyonLPR12 [355], Lombardi10 [517], CobanH10 [203], MilanoW09 [574], BeniniLMR08 [118], BeniniLMMR08 [117], HladikCDJ08 [397], CorreaLR07 [209], Hooker06 [405], HookerY02 [415]	PrataAN23 [668], JuvinHHL23 [433], FarsiTM22 [278], Mercier-AubinGQ20 [569], QinDCS20 [673], WallaceY20 [818], MurinR19 [588], CappartTSR18 [172], LaborieRSV18 [484], GombolayWS18 [334], AntunesABD18 [27], AgussurjaKL18 [16], GomesM17 [336], TranVNB17 [786], RoshanaeiLAU17 [695], QinDS16 [674], BoothNB16 [147], Fahimi16 [271], RiiseML16 [684], FontaineMH16 [285], KoschB14 [463], HarjunkoskiMBC14 [370], LaborieR14 [485], TerekhovDOB12 [766], LozanoCDS12 [532], EdisO11 [251], HachemiGR11 [356], KovacsK11 [469], LombardiMRB10 [527]... (Total: 47)
Concepts	Pareto		FarsiTM22 [278], Zahout21 [849], Lemos21 [495], ZarandiASC20 [852], Dejemeppe16 [227], KovacsK11 [469]	Edis21 [250], YounespourAKE19 [842], DejemeppeD14 [229], HeckmanB11 [381]	GokPTGO23 [329], CzerniachowskaWZ23 [211], LacknerMMWW23 [487], JuvinHL23a [436], WinterMMW22 [829], MengGRZSC22 [564], JuvinHL22 [434], OrnekOS20 [631], KletzanderMH21 [457], AntuoriHHEN20 [29], Lunardi20 [537], EscobetPQPRA19 [264], TanZWGQ19 [758], GurEA19 [873], CappartTSR18 [172], GomesM17 [336], QinDS16 [674], Froger16 [295], BridiBLMB16 [158], HarjunkoskiMBC14 [370], RuggieroBBMA09 [700], HladikCDJ08 [397], Johnston05 [201], Baptiste02 [60], VanczaM01 [801], FocacciLN00 [283]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	activity	TardivoDFMP23 [761], GokPTGO23 [329], PovedaAA23 [665], PenzDN23 [648], AalianPG23 [1], MarliereSPR23 [554], CampeauG22 [170], SubulanC22 [748], AwadMDMT22 [52], SvancaraB22 [753], TouatBT22 [779], Godet21a [325], BenderWS21 [111], KlankeBYE21 [454], Astrand21 [48], HubnerGSV21 [418], ZarandiASC20 [852], Polo-MejiaALB20 [662], CauwelaertDS20 [187], HauderBRPA20 [374], AstrandJZ20 [51], BadicaBI20 [53], ZouZ20 [872], ThomasKS20 [772], abs-1902-09244 [373], GeibingerMM19 [312], abs-1911-04766 [311], UnsalO19 [793], MurinR19 [588]... (Total: 206)	BonninMNE24 [146], YuraszeckMCCR23 [848], Bit-Monnot23 [126], AfsarVPG23 [11], PopovicCGNC22 [663], BoudreaultSLQ22 [152], AntunesABD20 [28], GokGSTO20 [328], Lunardi20 [537], LunardiBLRV20 [536], EscobetPQPRA19 [264], YangSS19 [839], Hooker19 [410], Novas19 [615], ShinBBHO18 [730], SchuttS16 [722], BoothNB16 [147], OrnekO16 [630], BoothTNB16 [148], TranWDRFOVB16 [788], QinDS16 [674], VilimLS15 [812], Derrien15 [233], GoelSHFS15 [327], HarjunkoskiMBC14 [370], DoulabiRP14 [248], LaborieR14 [485], LombardiMB13 [526], LombardiM13 [525]... (Total: 61)	PrataAN23 [668], GuoZ23 [353], abs-2312-13682 [650], NaderiBZR23 [596], CzerniachowskaWZ23 [211], SquillaciPR23 [746], abs-2305-19888 [388], JuvinHL23a [436], ShaikhK23 [727], PerezGSL23 [649], abs-2211-14492 [750], PohlAK22 [660], OuelletQ22 [634], MullerMKP22 [587], JuvinHL22 [434], YunusogluY22 [845], HeinzNVH22 [387], HebrardALLCMR22 [376], EtminaniesfahaniGNMS22 [267], Groleaz21 [344], HillTV21 [396], GeibingerMM21 [313], PandeyS21a [640], Zahout21 [849], Astrand0F21 [49], ZhangYW21 [861], Mercier-AubinGQ20 [569], SacramentoSP20 [701], RoshanaeiBAUB20 [694]... (Total: 105)
Concepts	batch process	LacknerMMWW23 [487], AwadMDMT22 [52], LacknerMMWW21 [486], QinWSLS21 [672], ZarandiASC20 [852], HamC16 [364], NovaraNH16 [614], KoschB14 [463], HarjunkoskiMBC14 [370], Malapert11 [545]	TangB20 [759], HamFC17 [360], NovasH10 [616], ZeballosCM10 [856], RenT09 [681], RoePS05 [693], Vilim02 [803], SimonisC95 [741]	PrataAN23 [668], YuraszeckMCCR23 [848], IsikYA23 [422], Adelgren2023 [10], MullerMKP22 [587], SvancaraB22 [753], EmdeZD22 [260], LiFJZLL22 [502], ColT22 [213], AbreuN22 [222], YunusogluY22 [845], LuoB22 [539], GeitzGSSW22 [314], OujanaAYB22 [635], ZhangYW21 [861], FanXG21 [277], KlankeBYE21 [454], MengZRZL20 [566], CauwelaertDS20 [187], Ham20a [358], Lunardi20 [537], TanZWGQ19 [758], EscobetPQPRA19 [264], FahimiOQ18 [272], Ham18 [363], LaborieRSV18 [484], Ham18a [357], CauwelaertDMS16 [184], Dejemeppe16 [227]... (Total: 41)
Concepts	bi-objective	ZarandiASC20 [852]	IsikYA23 [422], AbreuPNF23 [4], YunusogluY22 [845], HillTV21 [396], Lemos21 [495], NattafM20 [608], Dejemeppe16 [227], DejemeppeD14 [229]	LuZZYW24 [533], PrataAN23 [668], AfsarVPG23 [11], Mehdizadeh-Somarin23 [559], GokPTGO23 [329], NaderiBZR23 [596], GurPAE23 [354], NaderiRR23 [601], abs-2305-19888 [388], MullerMKP22 [587], HeinzNVH22 [387], WinterMMW22 [829], PopovicCGNC22 [663], MengGRZSC22 [564], AbreuN22 [222], FarsiTM22 [278], EmdeZD22 [260], Groleaz21 [344], Zahout21 [849], KletzanderMH21 [457], VlkHT21 [814], HamPK21 [362], HauderBRPA20 [374], KletzanderM20 [456], WallaceY20 [818], GokGSTO20 [328], MejiaY20 [560], Lunardi20 [537], LunardiBLRV20 [536]... (Total: 37)
Concepts	bill of material		OrnekO16 [630]	Simonis07 [739]
Concepts	blocking constraint	AbreuNP23 [223], RiahiNS018 [683]		IsikYA23 [422], LiFJZLL22 [502], MengZRZL20 [566], RodriguezS09 [692], Rodriguez07b [690], Rodriguez07 [689]
Concepts	breakdown	Groleaz21 [344], FanXG21 [277], ZarandiASC20 [852], LaborieRSV18 [484], ZhangW18 [862], Froger16 [295], BartakV15 [77], NovasH10 [616], BidotVLB09 [124]	NaderiBZR23 [596], Lunardi20 [537], GombolayWS18 [334], RoshanaeiLAU17 [695], BajestaniB15 [57], ThiruvadyWGS14 [771], HarjunkoskiMBC14 [370], BajestaniB13 [56], BajestaniB11 [55], Elkhyari03 [257], MartinPY01 [556], BeckDDF98 [86]	Fatemi-AnarakiTFV23 [279], JuvinHL23 [435], PenzDN23 [648], IsikYA23 [422], MullerMKP22 [587], ColT22 [213], SubulanC22 [748], AwadMDMT22 [52], YunusogluY22 [845], AbreuAPNM21 [221], KovacsTKSG21 [472], Astrand21 [48], AstrandJZ20 [51], HauderBRPA20 [374], MalapertN19 [549], abs-1902-09244 [373], GedikKEK18 [308], CappartS17 [171], ZarandiKS16 [851], CireCH16 [199], OzturkTHO15 [639], LaborieR14 [485], LipovetzkyBPS14 [511], BegB13 [101], OzturkTHO13 [638], NovasH12 [617], BeckFW11 [90], KovacsK11 [469], ZeballosQH10 [855]... (Total: 42)
Concepts	buffer-capacity		SureshMOK06 [752]	OujanaAYB22 [635], LiFJZLL22 [502], RiahiNS018 [683], BonfiettiLBM14 [141], NovasH14 [618], TerekhovTDB14 [767], ElhouraniDM07 [256], ZeballosH05 [854]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	cmax	Fatemi-AnarakiTFV23 [279], KameugneFND23 [441], ZhuSZW23 [869], JuvinHHL23 [433], YuraszeckMC23 [846], YuraszeckMCCR23 [848], NaderiRR23 [601], AbreuNP23 [223], abs-2305-19888 [388], IsikYA23 [422], EtminaniesfahaniGNMS22 [267], AbreuN22 [222], YunusogluY22 [845], JuvinHL22 [434], ZhangBB22 [860], FetgoD22 [281], abs-2211-14492 [750], ArmstrongGOS21 [36], Godet21a [325], Groleaz21 [344], QinWSLS21 [672], AbohashimaEG21 [3], Polo-MejiaALB20 [662], MejiaY20 [560], Lunardi20 [537], QinDCS20 [673], MengZRZL20 [566], GodetLHS20 [326], YounespourAKE19 [842]... (Total: 69)	Mehdizadeh-Somarin23 [559], MullerMKP22 [587], ArmstrongGOS22 [37], BoudreaultSLQ22 [152], AbreuAPNM21 [221], HamPK21 [362], ArkhipovBL19 [35], Novas19 [615], ParkUJR19 [645], ArbaouiY18 [33], ZhouGL15 [867], GrimesH15 [341], WangMD15 [822], MenciaSV13 [563], ZhangLS12 [863], MenciaSV12 [562], BeckFW11 [90], BartakSR10 [76], TanSD10 [757], OzturkTHO10 [637], MoffittPP05 [577], Muscettola02 [593], SourdN00 [745], ArtiguesR00 [46]	JuvinHL23 [435], Teppan22 [765], AwadMDMT22 [52], MengLZB21 [565], HanenKP21 [367], HubnerGSV21 [418], ZhangYW21 [861], HamP21 [361], ZarandiASC20 [852], CarlierPSJ20 [175], SenderovichBB19 [725], GokgurHO18 [330], LiuCGM17 [515], BofillCSV17 [135], OrnekO16 [630], SialaAH15 [733], SchnellH15 [711], KoschB14 [463], LombardiMB13 [526], MalapertCGJLR13 [547], SchuttFSW13 [720], Letort13 [496], TerekhovDOB12 [766], GuSW12 [351], Schutt11 [713], abs-1009-0347 [718], BartakSR08 [80], LiessM08 [503], WatsonB08 [825]... (Total: 36)
Concepts	completion-time	BonninMNE24 [146], PrataAN23 [668], LuZZYW24 [533], AbreuNP23 [223], Mehdizadeh-Somarin23 [559], ZhuSZW23 [869], Fatemi-AnarakiTFV23 [279], AlfieriGPS23 [23], AbreuPNF23 [4], KameugneFND23 [441], JuvinHL23 [435], NaderiRR23 [601], PenzDN23 [648], NaderiBZ23 [598], JuvinHL22 [434], AbreuN22 [222], YunusogluY22 [845], SubulanC22 [748], AwadMDMT22 [52], EmdeZD22 [260], OuelletQ22 [634], FetgoD22 [281], YuraszeckMPV22 [847], NaderiBZ22 [597], KlankeBYE21 [454], Astrand21 [48], Bedhief21 [100], Groleaz21 [344], HamP21 [361]... (Total: 103)	GokPTGO23 [329], NaderiBZR23 [596], AfsarVPG23 [11], CzerniachowskaWZ23 [211], abs-2305-19888 [388], ColT22 [213], NaderiBZ22a [595], TouatBT22 [779], HeinzNVH22 [387], LiFJZLL22 [502], ZhangBB22 [860], abs-2211-14492 [750], MullerMKP22 [587], Teppan22 [765], OujanaAYB22 [635], FanXG21 [277], QinWSLS21 [672], HanenKP21 [367], RoshanaeiN21 [697], GeibingerMM21 [313], AbreuAPNM21 [221], NattafM20 [608], Polo-MejiaALB20 [662], Mercier-AubinGQ20 [569], Ham20a [358], TanZWGQ19 [758], ParkUJR19 [645], SunTB19 [749], abs-1902-09244 [373]... (Total: 74)	abs-2402-00459 [610], TasselGS23 [762], MontemanniD23a [581], IsikYA23 [422], abs-2306-05747 [763], AkramNHRSA23 [18], JuvinHHL23 [433], Adelgren2023 [10], PerezGSL23 [649], PopovicCGNC22 [663], CampeauG22 [170], PohlAK22 [660], WinterMMW22 [829], FarsiTM22 [278], GeitzGSSW22 [314], ZhangJZL22 [859], ArmstrongGOS22 [37], HubnerGSV21 [418], Zahout21 [849], VlkHT21 [814], HamPK21 [362], MengLZB21 [565], Godet21a [325], PandeyS21a [640], WessenCS20 [827], MengZRZL20 [566], AstrandJZ20 [51], HauderBRPA20 [374], AntuoriHHEN20 [29]... (Total: 124)
Concepts	constraint logic programming	BadicaBI20 [53], Simonis07 [739], RoePS05 [693], MartinPY01 [556], BosiM2001 [150], RodosekWH99 [688], Simonis99 [738], GruianK98 [348], Darby-DowmanLMZ97 [217], LammaMM97 [490], BrusoniCLMMT96 [162], Wallace96 [816], SimonisC95 [741], Simonis95a [736], Goltz95 [333], BeldiceanuC94 [108], AggounB93 [12]	ZarandiASC20 [852], WikarekS19 [828], HookerH17 [414], JelinekB16 [427], MilanoW09 [574], LiW08 [500], MilanoW06 [573], Wallace06 [817], Kuchcinski03 [477], Demassey03 [230], Elkhyari03 [257], Bartak02 [72], Timpe02 [774], Thorsteinsson01 [773], JainG01 [425], HarjunkoskiJG00 [369], HookerO99 [411], RodosekW98 [687], FalaschiGMP97 [274], Simonis95 [737], DincbasS91 [240], ErtlK91 [263]	ForbesHJST24 [286], NaderiBZR23 [596], IsikYA23 [422], EmdeZD22 [260], ColT22 [213], LuoB22 [539], ElciOH22 [255], PandeyS21a [640], RoshanaeiN21 [697], GeibingerMM21 [313], ArmstrongGOS21 [36], KlankeBYE21 [454], Lemos21 [495], CauwelaertDS20 [187], FallahiAC20 [275], RoshanaeiBAUB20 [694], FachiniA20 [270], BadicaBIL19 [54], HoundjiSW19 [416], abs-1902-01193 [19], Hooker19 [410], TanT18 [756], CauwelaertLS18 [186], RoshanaeiLAU17 [695], TranVNB17 [786], BoothTNB16 [148], Froger16 [295], Fahimi16 [271], NovaraNH16 [614]... (Total: 93)
Concepts	constraint optimization	KovacsTKSG21 [472], Dejemeppe16 [227]	abs-2211-14492 [750], Lemos21 [495], Godet21a [325], abs-1901-07914 [103], LiuLH19 [512], PourDERB18 [664], MossigeGSMC17 [584], AlesioBNG15 [22], AlesioNBG14 [236], HeinzSB13 [386], MenciaSV13 [563], ChenGPSH10 [192], ElhouraniDM07 [256], Dorndorf2000 [247]	FalqueALM24 [276], TardivoDFMP23 [761], LacknerMMWW23 [487], TasselGS23 [762], abs-2306-05747 [763], GuoZ23 [353], FetgoD22 [281], Edis21 [250], KoehlerBFFHPSSS21 [458], FallahiAC20 [275], FrohnerTR19 [296], abs-1902-01193 [19], Hooker19 [410], BehrensLM19 [102], GoldwaserS18 [332], HookerH17 [414], GelainPRVW17 [315], LiuCGM17 [515], EmeretlisTAV17 [261], GoldwaserS17 [331], GilesH16 [321], MurphyMB15 [590], Derrien15 [233], GrimesH15 [341], DejemeppeD14 [229], LimtanyakulS12 [510], Clercq12 [224], MenciaSV12 [562], BandaSC11 [225]... (Total: 49)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	constraint programming	BonninMNE24 [146], abs-2402-00459 [610], LuZZYW24 [533], PrataAN23 [668], ForbesHJST24 [286], IsikYA23 [422], AfsarVPG23 [11], AalianPG23 [1], abs-2312-13682 [650], AbreuPNF23 [4], CzerniachowskaWZ23 [211], MontemanniD23 [582], AkramNHRSA23 [18], abs-2306-05747 [763], Fatemi-AnarakiTFV23 [279], NaderiRR23 [601], ZhuSZW23 [869], Adelgren2023 [10], TasselGS23 [762], JuvinHL23 [435], abs-2305-19888 [388], LacknerMMWW23 [487], GurPAE23 [354], PovedaAA23 [665], YuraszeckMCCR23 [848], JuvinHL23a [436], Mehdizadeh-Somarin23 [559], MarliereSPR23 [554], MontemanniD23a [581]... (Total: 324)	FalqueALM24 [276], KameugneFND23 [441], AlfieriGPS23 [23], SquillaciPR23 [746], NaderiBZR23 [596], YuraszeckMC23 [846], ShaikhK23 [727], EfthymiouY23 [254], GokPTGO23 [329], WangB23 [821], JungblutK22 [430], LuoB22 [539], OuelletQ22 [634], VlkHT21 [814], KoehlerBFFHPSSS21 [458], Zahout21 [849], HanenKP21 [367], LacknerMMWW21 [486], GeibingerMM21 [313], GeibingerKKMMW21 [310], KlankeBYE21 [454], NattafM20 [608], Mercier-AubinGQ20 [569], ThomasKS20 [772], WessenCS20 [827], QinDCS20 [673], FachiniA20 [270], MejiaY20 [560], GodetLHS20 [326]... (Total: 176)	LiLZDZW24 [501], GuoZ23 [353], TardivoDFMP23 [761], SvancaraB22 [753], KotaryFH22 [464], ElciOH22 [255], abs-2102-08778 [206], BadicaBI20 [53], GokGSTO20 [328], CarlierPSJ20 [175], ColT2019a [212], FrimodigS19 [294], BadicaBIL19 [54], HoYCLLCLC18 [398], GombolayWS18 [334], Tesch18 [769], GoldwaserS17 [331], Hooker17 [409], BofillCSV17 [135], BridiLBBM16 [159], NattafALR16 [605], LimHTB16 [506], KinsellaS0OS16 [452], TranDRFWOVB16 [783], AmadiniGM16 [25], Bonfietti16 [138], Madi-WambaB16 [542], Tesch16 [768], BonfiettiZLM16 [145]... (Total: 109)
Concepts	constraint satisfaction	abs-2211-14492 [750], Lemos21 [495], Godet21a [325], ZarandiASC20 [852], Madi-WambaLOBM17 [543], HookerH17 [414], Fahimi16 [271], ZarandiKS16 [851], Siala15a [732], Derrien15 [233], Kameugne14 [438], ZhangLS12 [863], Clercq12 [224], BartakS11 [75], TrojetHL11 [789], Schutt11 [713], HeckmanB11 [381], BartakCS10 [74], ChenGPSH10 [192], Lombardi10 [517], BartakSR10 [76], BartakSR08 [80], KovacsV04 [470], BarbulescuWH04 [69], DilkinaH04 [238], KanetAG04 [445], Demassey03 [230], Elkhyari03 [257], Baptiste02 [60]... (Total: 54)	ZhuSZW23 [869], JuvinHHL23 [433], TardivoDFMP23 [761], Astrand21 [48], FallahiAC20 [275], Caballero19 [166], abs-1902-01193 [19], LiuLH19 [512], TangLWSK18 [760], GokgurHO18 [330], German18 [317], GelainPRVW17 [315], SchuttS16 [722], JelinekB16 [427], Dejemeppe16 [227], Froger16 [295], MurphyMB15 [590], GayHLS15 [304], GrimesH15 [341], ChunS14 [196], OzturkTHO13 [638], HeinzSB13 [386], SchuttFS13 [716], Letort13 [496], HeinzB12 [382], LombardiM12 [524], KovacsK11 [469], LiuW11 [514], KelbelH11 [447]... (Total: 71)	ForbesHJST24 [286], FalqueALM24 [276], LuZZYW24 [533], GokPTGO23 [329], IsikYA23 [422], CzerniachowskaWZ23 [211], JuvinHL23a [436], MarliereSPR23 [554], Bit-Monnot23 [126], ShaikhK23 [727], NaderiRR23 [601], GeitzGSSW22 [314], SvancaraB22 [753], ZhangBB22 [860], ColT22 [213], LuoB22 [539], EmdeZD22 [260], JuvinHL22 [434], FetgoD22 [281], KotaryFH22 [464], KoehlerBFFHPSSS21 [458], Groleaz21 [344], ZhangYW21 [861], PandeyS21a [640], AstrandJZ20 [51], Mercier-AubinGQ20 [569], BarzegaranZP20 [81], ZouZ20 [872], Lunardi20 [537]... (Total: 193)
Concepts	continuous-process	HarjunkoskiMBC14 [370]		FarsiTM22 [278], Dejemeppe16 [227], GaySS14 [307], RoePS05 [693], MaraveliasCG04 [552], Bartak02 [72], SimonisC95 [741]
Concepts	cyclic scheduling	OzturkTHO15 [639], BonfiettiLBM14 [141], HarjunkoskiMBC14 [370], BonfiettiLM13 [142], BonfiettiLBM12 [140], LombardiBMB11 [519], BonfiettiLBM11 [139]	Fatemi-AnarakiTFV23 [279], BonfiettiZLM16 [145], BonfiettiM12 [144], HladikCDJ08 [397], KorbaaYG99 [461], RodosekW98 [687]	YuraszeckMPV22 [847], WallaceY20 [818], MengZRZL20 [566], MusliuSS18 [594], FrankDT16 [290], OzturkTHO13 [638], OzturkTHO12 [636], Menana11 [561], Malik08 [550], Wallace06 [817], Mason01 [558]
Concepts	distributed	PrataAN23 [668], GuoZ23 [353], NaderiRR23 [601], MengGRZSC22 [564], Zahout21 [849], ZarandiASC20 [852], MengZRZL20 [566], He0GLW18 [375], GombolayWS18 [334], TranPZLDB18 [784], RoshanaeiLAU17 [695], BridiBLMB16 [158], BridiLBBM16 [159], ZhouGL15 [867], AlesioBNG15 [22], TerekhovTDB14 [767], BonfiettiLM14 [143], BartakS11 [75], LombardiMRB10 [527], BartakSR10 [76], WuBB09 [838], RuggieroBBMA09 [700], HladikCDJ08 [397], HoeveGSL07 [800], BeckW07 [99], ElhouraniDM07 [256], RossiTHP07 [698], SureshMOK06 [752], GomesHS06 [335]... (Total: 35)	AbreuPNF23 [4], GokPTGO23 [329], AbreuNP23 [223], ShaikhK23 [727], MarliereSPR23 [554], IsikYA23 [422], NaderiBZ22a [595], AbreuN22 [222], OujanaAYB22 [635], YuraszeckMPV22 [847], JungblutK22 [430], OrnekOS20 [631], ElciOH22 [255], RoshanaeiN21 [697], HamP21 [361], Godet21a [325], AbreuAPNM21 [221], MokhtarzadehTNF20 [578], GokGSTO20 [328], RoshanaeiBAUB20 [694], ZouZ20 [872], Caballero19 [166], NishikawaSTT19 [613], BorghesiBLMB18 [149], ZhangW18 [862], GomesM17 [336], EmeretlisTAV17 [261], BlomPS16 [130], ZarandiKS16 [851]... (Total: 53)	LiLZDZW24 [501], LuZZYW24 [533], ForbesHJST24 [286], NaderiBZR23 [596], Adelgren2023 [10], abs-2305-19888 [388], SquillaciPR23 [746], Fatemi-AnarakiTFV23 [279], YuraszeckMC23 [846], KimCMLLP23 [451], JuvinHL23a [436], NaderiBZ23 [598], Bit-Monnot23 [126], MontemanniD23 [582], ZhuSZW23 [869], AlfieriGPS23 [23], GurPAE23 [354], AkramNHRSA23 [18], abs-2211-14492 [750], EmdeZD22 [260], BoudreaultSLQ22 [152], HeinzNVH22 [387], JuvinHL22 [434], NaderiBZ22 [597], TouatBT22 [779], Teppan22 [765], ColT22 [213], LiFJZLL22 [502], FarsiTM22 [278]... (Total: 161)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	due-date	NaderiBZ23 [598], AfsarVPG23 [11], AwadMDMT22 [52], OujanaAYB22 [635], ColT22 [213], NaderiBZ22 [597], RoshanaeiN21 [697], Groleaz21 [344], AntuoriHHEN21 [30], FanXG21 [277], ZarandiASC20 [852], TangB20 [759], Mercier-AubinGQ20 [569], AntunesABD20 [28], AntuoriHHEN20 [29], HauderBRPA20 [374], Lunardi20 [537], HoundjiSW19 [416], Novas19 [615], abs-1902-09244 [373], abs-1911-04766 [311], GoldwaserS18 [332], Tesch18 [769], GoldwaserS17 [331], Fahimi16 [271], NovaraNH16 [614], Dejemeppe16 [227], BajestaniB15 [57], DoulabiRP14 [248]... (Total: 72)	PrataAN23 [668], IsikYA23 [422], LacknerMMWW23 [487], NaderiRR23 [601], abs-2211-14492 [750], YunusogluY22 [845], WinterMMW22 [829], Godet21a [325], LacknerMMWW21 [486], GeibingerMM21 [313], GroleazNS20a [345], GeibingerMM19 [312], AntunesABD18 [27], FahimiOQ18 [272], CatusseCBL16 [183], ZarandiKS16 [851], RiiseML16 [684], GrimesH15 [341], GrimesIOS14 [343], HeinzSB13 [386], CobanH11 [204], GrimesH11 [340], LiuW11 [514], Malapert11 [545], MakMS10 [544], SchuttW10 [723], LombardiM10a [521], Lombardi10 [517], Davenport10 [218]... (Total: 51)	abs-2402-00459 [610], AbreuPNF23 [4], KimCMLLP23 [451], YuraszeckMC23 [846], JuvinHHL23 [433], TouatBT22 [779], ElciOH22 [255], SubulanC22 [748], MullerMKP22 [587], YuraszeckMPV22 [847], ZhangJZL22 [859], HanenKP21 [367], Astrand21 [48], VlkHT21 [814], KlankeBYE21 [454], Bedhief21 [100], KovacsTKSG21 [472], HubnerGSV21 [418], Zahout21 [849], MengLZB21 [565], MejiaY20 [560], Polo-MejiaALB20 [662], GroleazNS20 [346], AstrandJZ20 [51], LunardiBLRV20 [536], EscobetPQPRA19 [264], TanZWGQ19 [758], Hooker19 [410], ParkUJR19 [645]... (Total: 105)
Concepts	earliness	PrataAN23 [668], KimCMLLP23 [451], TouatBT22 [779], PohlAK22 [660], Groleaz21 [344], HauderBRPA20 [374], ZarandiASC20 [852], abs-1902-09244 [373], LaborieRSV18 [484], ZarandiKS16 [851], Dejemeppe16 [227], GrimesH15 [341], LaborieR14 [485], LombardiM12 [524], KelbelH11 [447], GrimesH11 [340], ZeballosNH11 [858], Laborie09 [482], MonetteDH09 [580], KeriK07 [448], BeckR03 [96], DannaP03 [215]	FarsiTM22 [278], AntunesABD20 [28], MengZRZL20 [566], TerekhovDOB12 [766], KovacsB11 [467], Davenport10 [218], PerronSF04 [651], Baptiste02 [60]	abs-2402-00459 [610], NaderiRR23 [601], PenzDN23 [648], AlfieriGPS23 [23], IsikYA23 [422], AbreuNP23 [223], LacknerMMWW23 [487], AbreuPNF23 [4], EtminaniesfahaniGNMS22 [267], AwadMDMT22 [52], YunusogluY22 [845], MengLZB21 [565], LacknerMMWW21 [486], FanXG21 [277], Mercier-AubinGQ20 [569], Polo-MejiaALB20 [662], ColT19 [207], ColT2019a [212], AntunesABD18 [27], German18 [317], GokgurHO18 [330], ZhangW18 [862], KuB16 [476], OrnekO16 [630], NovaraNH16 [614], Siala15a [732], VilimLS15 [812], LimBTBB15 [508], Siala15 [731]... (Total: 52)
Concepts	energy efficiency	PrataAN23 [668], PandeyS21a [640], RuggieroBBMA09 [700]	MarliereSPR23 [554], Zahout21 [849], BenediktMH20 [113], BridiBLMB16 [158], Lombardi10 [517]	LuZZYW24 [533], IsikYA23 [422], AbreuNP23 [223], abs-2211-14492 [750], Lemos21 [495], MengZRZL20 [566], ZarandiASC20 [852], TranPZLDB18 [784], NattafAL17 [604], Dejemeppe16 [227], LombardiMB13 [526], LombardiM12 [524], BeniniLMR11 [119]
Concepts	explanation	Bit-Monnot23 [126], Godet21a [325], YangSS19 [839], KreterSSZ18 [475], SchnellH17 [712], HookerH17 [414], KreterSS17 [474], SchuttS16 [722], Siala15a [732], SchnellH15 [711], SialaAH15 [733], KreterSS15 [473], SchuttFSW13 [720], SchuttFS13a [715], SchuttFS13 [716], HeinzB12 [382], SchuttCSW12 [714], SchuttFSW11 [719], HeinzS11 [385], Schutt11 [713], abs-1009-0347 [718], Lombardi10 [517], SchuttFSW09 [717], HladikCDJ08 [397], CambazardJ05 [169], Hooker05 [402], Vilim05 [806], CambazardHDJT04 [168], Elkhyari03 [257]... (Total: 36)	LuZZYW24 [533], LacknerMMWW23 [487], Caballero19 [166], EmeretlisTAV17 [261], CappartS17 [171], Froger16 [295], HeinzKB13 [383], BeniniLMR11 [119], BeniniLMMR08 [117], BeckW07 [99], Rodriguez07 [689], BeckW05 [98], BosiM2001 [150], BeckF00a [93], BeckF99 [92], ChunCTY99 [195], Simonis99 [738], MorgadoM97 [583], BeckDF97 [87], MintonJPL90 [575]	BonninMNE24 [146], MontemanniD23a [581], EfthymiouY23 [254], KameugneFND23 [441], IsikYA23 [422], abs-2305-19888 [388], MarliereSPR23 [554], FetgoD22 [281], CampeauG22 [170], OrnekOS20 [631], BoudreaultSLQ22 [152], ColT22 [213], HeinzNVH22 [387], ArmstrongGOS22 [37], BenderWS21 [111], VlkHT21 [814], Groleaz21 [344], Lemos21 [495], AbohashimaEG21 [3], RoshanaeiN21 [697], abs-2102-08778 [206], ZouZ20 [872], WallaceY20 [818], GroleazNS20 [346], ZarandiASC20 [852], HauderBRPA20 [374], QinDCS20 [673], Lunardi20 [537], abs-1911-04766 [311]... (Total: 118)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	flow-shop	BonninMNE24 [146], PrataAN23 [668], LiLZDZW24 [501], NaderiRR23 [601], IsikYA23 [422], AbreuPNF23 [4], CzerniachowskaWZ23 [211], AlfieriGPS23 [23], AbreuNP23 [223], JuvinHL23 [435], LiFJZLL22 [502], ArmstrongGOS22 [37], AbreuN22 [222], OujanaAYB22 [635], ColT22 [213], ZhangJZL22 [859], MengLZB21 [565], Astrand21 [48], Bedhief21 [100], Groleaz21 [344], QinWSLS21 [672], ArmstrongGOS21 [36], AbreuAPNM21 [221], MengZRZL20 [566], AstrandJZ20 [51], ZarandiASC20 [852], Lunardi20 [537], Novas19 [615], ParkUJR19 [645]... (Total: 42)	Mehdizadeh-Somarin23 [559], JuvinHL23a [436], NaderiBZ23 [598], YuraszeckMPV22 [847], NaderiBZ22 [597], MengGRZSC22 [564], JuvinHL22 [434], KoehlerBFFHPSSS21 [458], FanXG21 [277], Godet21a [325], TangB20 [759], HauderBRPA20 [374], abs-1902-09244 [373], TanZWGQ19 [758], GombolayWS18 [334], LaborieRSV18 [484], Fahimi16 [271], Dejemeppe16 [227], GuyonLPR12 [355], GrimesH11 [340], KovacsB11 [467], ZeballosCM10 [856], BartakSR10 [76], BartakSR08 [80], RoePS05 [693], JainM99 [424], BaptistePN99 [64], AggounB93 [12]	LuZZYW24 [533], TasselGS23 [762], abs-2305-19888 [388], YuraszeckMCCR23 [848], JuvinHHL23 [433], AfsarVPG23 [11], AalianPG23 [1], abs-2306-05747 [763], abs-2211-14492 [750], TouatBT22 [779], Teppan22 [765], NaderiBZ22a [595], HeinzNVH22 [387], AwadMDMT22 [52], LacknerMMWW21 [486], abs-2102-08778 [206], Zahout21 [849], KovacsTKSG21 [472], PandeyS21a [640], HamPK21 [362], HillTV21 [396], WallaceY20 [818], SacramentoSP20 [701], LunardiBLRV20 [536], WikarekS19 [828], TanT18 [756], RiahiNS018 [683], GokgurHO18 [330], GoldwaserS18 [332]... (Total: 70)
Concepts	flow-time	BonninMNE24 [146], PenzDN23 [648], EmdeZD22 [260], YuraszeckMPV22 [847], FanXG21 [277], NattafM20 [608], ZarandiASC20 [852], MalapertN19 [549], ZhangW18 [862], TerekhovTDB14 [767], TranTDB13 [785], WuBB09 [838], Baptiste02 [60]	PrataAN23 [668], AlfieriGPS23 [23], YunusogluY22 [845], Malapert11 [545], BeckW07 [99]	YuraszeckMCCR23 [848], TasselGS23 [762], abs-2306-05747 [763], YuraszeckMC23 [846], LiFJZLL22 [502], AbreuN22 [222], KoehlerBFFHPSSS21 [458], MengZRZL20 [566], Novas19 [615], ParkUJR19 [645], BajestaniB15 [57], MenciaSV13 [563], MenciaSV12 [562], KovacsB11 [467], EdisO11 [251], QuirogaZH05 [676], BeckPS03 [95], BeckR03 [96], BeckDDF98 [86], FoxS90 [289]
Concepts	inventory	LuZZYW24 [533], GuoZ23 [353], SubulanC22 [748], Astrand21 [48], German18 [317], GilesH16 [321], GoelSHFS15 [327], HarjunkoskiMBC14 [370], SerraNM12 [726], TerekhovDOB12 [766], LopesCSM10 [528], Jans09 [426], RossiTHP07 [698], RoePS05 [693], Timpe02 [774], Beck99 [82], BeckDDF98 [86], BeckDSF97 [88], MurphyRFSS97 [589], BeckDF97 [87]	Adelgren2023 [10], EmdeZD22 [260], ZarandiASC20 [852], Ham20a [358], Hooker19 [410], Novas19 [615], Ham18a [357], HamFC17 [360], BajestaniB13 [56], MakMS10 [544], MouraSCL08a [585], LauLN08 [491], DavenportKRSH07 [219], GarganiR07 [301], MaraveliasCG04 [552], BeckF00 [94], Simonis99 [738], BlazewiczDP96 [165], Simonis95a [736], Hamscher91 [366]	PrataAN23 [668], PerezGSL23 [649], abs-2312-13682 [650], AlfieriGPS23 [23], ZhuSZW23 [869], GokPTGO23 [329], GurPAE23 [354], AwadMDMT22 [52], PohlAK22 [660], YunusogluY22 [845], AbreuN22 [222], Groleaz21 [344], KovacsTKSG21 [472], HubnerGSV21 [418], RoshanaeiN21 [697], GroleazNS20 [346], FachiniA20 [270], HauderBRPA20 [374], GroleazNS20a [345], YounespourAKE19 [842], HoundjiSW19 [416], abs-1902-09244 [373], WikarekS19 [828], Ham18 [363], LaborieRSV18 [484], ShinBBHO18 [730], GomesM17 [336], KinsellaS0OS16 [452], Nattaf16 [602]... (Total: 63)
Concepts	job	PrataAN23 [668], ForbesHJST24 [286], abs-2402-00459 [610], LiLZDZW24 [501], JuvinHHL23 [433], YuraszeckMC23 [846], AfsarVPG23 [11], ZhuSZW23 [869], Mehdizadeh-Somarin23 [559], AbreuNP23 [223], abs-2306-05747 [763], NaderiRR23 [601], TasselGS23 [762], YuraszeckMCCR23 [848], AbreuPNF23 [4], PenzDN23 [648], AlfieriGPS23 [23], LacknerMMWW23 [487], Bit-Monnot23 [126], Fatemi-AnarakiTFV23 [279], KimCMLLP23 [451], IsikYA23 [422], WangB23 [821], CzerniachowskaWZ23 [211], JuvinHL23 [435], JuvinHL23a [436], NaderiBZ23 [598], TouatBT22 [779], ZhangJZL22 [859]... (Total: 316)	BonninMNE24 [146], LuZZYW24 [533], ShaikhK23 [727], EfthymiouY23 [254], MarliereSPR23 [554], abs-2305-19888 [388], Adelgren2023 [10], LuoB22 [539], BourreauGGLT22 [154], HeinzNVH22 [387], RoshanaeiN21 [697], Lemos21 [495], HanenKP21 [367], Mercier-AubinGQ20 [569], CarlierPSJ20 [175], MokhtarzadehTNF20 [578], GokGSTO20 [328], RoshanaeiBAUB20 [694], TanZWGQ19 [758], ArkhipovBL19 [35], EscobetPQPRA19 [264], Tom19 [775], GurEA19 [873], German18 [317], PourDERB18 [664], BukchinR18 [163], NattafAL17 [604], CappartS17 [171], RoshanaeiLAU17 [695]... (Total: 77)	FalqueALM24 [276], NaderiBZR23 [596], GuoZ23 [353], GokPTGO23 [329], PovedaAA23 [665], PohlAK22 [660], CampeauG22 [170], Edis21 [250], AntuoriHHEN21 [30], BenderWS21 [111], KlankeBYE21 [454], HubnerGSV21 [418], QinDCS20 [673], AntuoriHHEN20 [29], WessenCS20 [827], Polo-MejiaALB20 [662], SunTB19 [749], FrimodigS19 [294], ShinBBHO18 [730], TangLWSK18 [760], BaptisteB18 [62], HoYCLLCLC18 [398], CauwelaertLS18 [186], TranVNB17 [786], GedikKBR17 [309], NovaraNH16 [614], RiiseML16 [684], BoothTNB16 [148], HechingH16 [380]... (Total: 105)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	job-shop	abs-2402-00459 [610], PrataAN23 [668], TasselGS23 [762], AbreuNP23 [223], Mehdizadeh-Somarin23 [559], Fatemi-AnarakiTFV23 [279], ZhuSZW23 [869], KimCMLLP23 [451], CzerniachowskaWZ23 [211], YuraszeckMCCR23 [848], abs-2306-05747 [763], JuvinHL23a [436], JuvinHHL23 [433], AfsarVPG23 [11], Bit-Monnot23 [126], NaderiRR23 [601], KotaryFH22 [464], NaderiBZ22a [595], ColT22 [213], MengGRZSC22 [564], AwadMDMT22 [52], GeitzGSSW22 [314], JuvinHL22 [434], Teppan22 [765], OujanaAYB22 [635], LiFJZLL22 [502], MullerMKP22 [587], ZhangBB22 [860], abs-2211-14492 [750]... (Total: 157)	AbreuPNF23 [4], PenzDN23 [648], IsikYA23 [422], NaderiBZ23 [598], EfthymiouY23 [254], AlfieriGPS23 [23], YunusogluY22 [845], LuoB22 [539], NaderiBZ22 [597], EtminaniesfahaniGNMS22 [267], TouatBT22 [779], AbreuN22 [222], QinWSLS21 [672], ArmstrongGOS21 [36], RoshanaeiN21 [697], KoehlerBFFHPSSS21 [458], Godet21a [325], Astrand0F21 [49], GroleazNS20 [346], MejiaY20 [560], SacramentoSP20 [701], ArkhipovBL19 [35], WikarekS19 [828], EscobetPQPRA19 [264], GokgurHO18 [330], German18 [317], HamFC17 [360], CappartS17 [171], MossigeGSMC17 [584]... (Total: 69)	ForbesHJST24 [286], LuZZYW24 [533], BonninMNE24 [146], PovedaAA23 [665], MarliereSPR23 [554], GuoZ23 [353], LacknerMMWW23 [487], JuvinHL23 [435], Adelgren2023 [10], ShaikhK23 [727], GokPTGO23 [329], YuraszeckMC23 [846], EmdeZD22 [260], AntuoriHHEN21 [30], Zahout21 [849], HanenKP21 [367], Lemos21 [495], KlankeBYE21 [454], WallaceY20 [818], HauderBRPA20 [374], AntuoriHHEN20 [29], GokGSTO20 [328], Ham20a [358], CarlierPSJ20 [175], RoshanaeiBAUB20 [694], BenediktMH20 [113], WessenCS20 [827], Mercier-AubinGQ20 [569], NattafDYW19 [606]... (Total: 127)
Concepts	lateness	AwadMDMT22 [52], Groleaz21 [344], FahimiOQ18 [272], Dejemeppe16 [227], Fahimi16 [271], KoschB14 [463], ZampelliVSDR13 [850], Malapert11 [545], BartakSR10 [76], Geske05 [318], Baptiste02 [60], ArtiguesR00 [46], BlazewiczDP96 [165]	PrataAN23 [668], PohlAK22 [660], ZarandiASC20 [852], AntunesABD20 [28], ZhangW18 [862], HarjunkoskiMBC14 [370], MilanoW09 [574], AkkerDH07 [797], MilanoW06 [573], RoePS05 [693], Sadykov04 [703], FoxS90 [289]	LacknerMMWW23 [487], NaderiBZ23 [598], YunusogluY22 [845], ZhangBB22 [860], NaderiBZ22 [597], GeitzGSSW22 [314], ColT22 [213], LacknerMMWW21 [486], Godet21a [325], HanenKP21 [367], KoehlerBFFHPSSS21 [458], QinWSLS21 [672], Lunardi20 [537], Novas19 [615], ParkUJR19 [645], ArkhipovBL19 [35], AntunesABD18 [27], Tesch18 [769], BartakV15 [77], GrimesH15 [341], MenciaSV13 [563], MenciaSV12 [562], TerekhovDOB12 [766], EdisO11 [251], ZeballosNH11 [858], ChenGPSH10 [192], NovasH10 [616], WuBB09 [838], BartakSR08 [80]... (Total: 33)
Concepts	machine	LiLZDZW24 [501], abs-2402-00459 [610], BonninMNE24 [146], PrataAN23 [668], Fatemi-AnarakiTFV23 [279], YuraszeckMCCR23 [848], JuvinHL23a [436], ZhuSZW23 [869], JuvinHHL23 [433], abs-2312-13682 [650], LacknerMMWW23 [487], AlfieriGPS23 [23], AfsarVPG23 [11], KimCMLLP23 [451], JuvinHL23 [435], GuoZ23 [353], PerezGSL23 [649], NaderiBZ23 [598], abs-2305-19888 [388], PenzDN23 [648], AalianPG23 [1], AbreuPNF23 [4], IsikYA23 [422], CzerniachowskaWZ23 [211], AbreuNP23 [223], Adelgren2023 [10], NaderiRR23 [601], TasselGS23 [762], Mehdizadeh-Somarin23 [559]... (Total: 297)	ForbesHJST24 [286], GurPAE23 [354], Bit-Monnot23 [126], AkramNHRSA23 [18], GokPTGO23 [329], LuoB22 [539], OrnekOS20 [631], EtminaniesfahaniGNMS22 [267], ElciOH22 [255], KlankeBYE21 [454], Lemos21 [495], AbohashimaEG21 [3], HillTV21 [396], HamP21 [361], RoshanaeiN21 [697], CarlierPSJ20 [175], Polo-MejiaALB20 [662], RoshanaeiBAUB20 [694], AntuoriHHEN20 [29], UnsalO19 [793], BehrensLM19 [102], SenderovichBB19 [725], BaptisteB18 [62], BukchinR18 [163], ShinBBHO18 [730], FahimiOQ18 [272], GoldwaserS18 [332], He0GLW18 [375], Ham18 [363]... (Total: 89)	LuZZYW24 [533], MarliereSPR23 [554], ShaikhK23 [727], NaderiBZR23 [596], KameugneFND23 [441], MontemanniD23 [582], BoudreaultSLQ22 [152], PopovicCGNC22 [663], SubulanC22 [748], PohlAK22 [660], GeibingerMM21 [313], ArtiguesHQT21 [43], Mercier-AubinGQ20 [569], WallaceY20 [818], BarzegaranZP20 [81], WangB20 [820], FachiniA20 [270], BadicaBIL19 [54], NishikawaSTT19 [613], ArkhipovBL19 [35], YounespourAKE19 [842], YangSS19 [839], NattafHKAL19 [607], Tom19 [775], AntunesABD18 [27], HoYCLLCLC18 [398], Laborie18a [483], CauwelaertLS18 [186], KreterSSZ18 [475]... (Total: 150)
Concepts	make to order			OujanaAYB22 [635], Simonis07 [739], DavenportKRSH07 [219], HookerO99 [411]
Concepts	make to stock			HarjunkoskiMBC14 [370]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	make-span	PrataAN23 [668], LiLZDZW24 [501], Mehdizadeh-Somarin23 [559], EfthymiouY23 [254], PovedaAA23 [665], JuvinHL23a [436], abs-2306-05747 [763], CzerniachowskaWZ23 [211], JuvinHHL23 [433], AlfieriGPS23 [23], abs-2305-19888 [388], Bit-Monnot23 [126], AbreuNP23 [223], AfsarVPG23 [11], AalianPG23 [1], AbreuPNF23 [4], YuraszeckMC23 [846], ZhuSZW23 [869], IsikYA23 [422], JuvinHL23 [435], NaderiRR23 [601], TasselGS23 [762], LacknerMMWW23 [487], AbreuN22 [222], ZhangBB22 [860], HeinzNVH22 [387], NaderiBZ22a [595], AwadMDMT22 [52], ArmstrongGOS22 [37]... (Total: 225)	BonninMNE24 [146], KameugneFND23 [441], YuraszeckMCCR23 [848], abs-2312-13682 [650], PerezGSL23 [649], PenzDN23 [648], Adelgren2023 [10], MullerMKP22 [587], SvancaraB22 [753], abs-2211-14492 [750], YuraszeckMPV22 [847], ZhangJZL22 [859], OujanaAYB22 [635], LiFJZLL22 [502], PandeyS21a [640], FanXG21 [277], QinDCS20 [673], NattafDYW19 [606], AstrandJZ18 [50], Ham18a [357], KreterSS17 [474], YoungFS17 [843], RoshanaeiLAU17 [695], GingrasQ16 [322], KuB16 [476], BonfiettiZLM16 [145], HamC16 [364], BajestaniB15 [57], GayHLS15 [304]... (Total: 68)	ForbesHJST24 [286], KimCMLLP23 [451], NaderiBZ23 [598], GokPTGO23 [329], GuoZ23 [353], TardivoDFMP23 [761], Fatemi-AnarakiTFV23 [279], JungblutK22 [430], PopovicCGNC22 [663], FetgoD22 [281], NaderiBZ22 [597], Teppan22 [765], CampeauG22 [170], EmdeZD22 [260], KoehlerBFFHPSSS21 [458], HanenKP21 [367], HamP21 [361], HubnerGSV21 [418], CarlierPSJ20 [175], SacramentoSP20 [701], Mercier-AubinGQ20 [569], TangB20 [759], NattafM20 [608], Ham20a [358], CauwelaertDS20 [187], NishikawaSTT19 [613], MurinR19 [588], abs-1911-04766 [311], TanZWGQ19 [758]... (Total: 121)
Concepts	manpower	NovaraNH16 [614]	LaborieRSV18 [484], Froger16 [295], ZeballosNH11 [858]	BourreauGGLT22 [154], BadicaBI20 [53], MokhtarzadehTNF20 [578], HauderBRPA20 [374], WikarekS19 [828], BaptisteB18 [62], MusliuSS18 [594], SchuttS16 [722], HechingH16 [380], GayHS15a [306], GaySS14 [307], HarjunkoskiMBC14 [370], Clercq12 [224], GuyonLPR12 [355], LombardiM12 [524], Menana11 [561], Vilim11 [809], SimonisH11 [742], ChenGPSH10 [192], NovasH10 [616], MaraveliasCG04 [552], Simonis99 [738], NuijtenP98 [622], MorgadoM97 [583], LeeKLKKYHP97 [494], SimonisC95 [741], Simonis95a [736], Puget95 [670]
Concepts	multi-agent	SvancaraB22 [753], Zahout21 [849], ZarandiASC20 [852], BehrensLM19 [102], GombolayWS18 [334], He0GLW18 [375], HoeveGSL07 [800]	Lemos21 [495], MokhtarzadehTNF20 [578], abs-1901-07914 [103], TranVNB17 [786], LimHTB16 [506], BartakSR10 [76], BocewiczBB09 [131], Hunsberger08 [419]	abs-2402-00459 [610], Fatemi-AnarakiTFV23 [279], ZhuSZW23 [869], Mehdizadeh-Somarin23 [559], SquillaciPR23 [746], GokPTGO23 [329], AbreuAPNM21 [221], MengLZB21 [565], ZhangYW21 [861], GokGSTO20 [328], MejiaY20 [560], Ham20a [358], WessenCS20 [827], BadicaBIL19 [54], WikarekS19 [828], TanZWGQ19 [758], ZhangW18 [862], HookerH17 [414], LimBTBB15 [508], KoschB14 [463], BartakS11 [75], Jans09 [426], ElhouraniDM07 [256], GomesHS06 [335], AbrilSB05 [5], DilkinaH04 [238], Beck99 [82], BeckF98 [91], BeckDDF98 [86]... (Total: 32)
Concepts	multi-objective	LuZZYW24 [533], IsikYA23 [422], AfsarVPG23 [11], FarsiTM22 [278], MengGRZSC22 [564], SubulanC22 [748], YunusogluY22 [845], HamPK21 [362], Lemos21 [495], Edis21 [250], ZarandiASC20 [852], Tom19 [775], TangLWSK18 [760], Dejemeppe16 [227], Froger16 [295], TopalogluO11 [776], ZeballosQH10 [855]	PrataAN23 [668], AbreuPNF23 [4], GurPAE23 [354], CzerniachowskaWZ23 [211], LacknerMMWW23 [487], NaderiBZ22a [595], AbreuN22 [222], ZhangJZL22 [859], LiFJZLL22 [502], OrnekOS20 [631], AbreuAPNM21 [221], FanXG21 [277], QinWSLS21 [672], AbohashimaEG21 [3], Zahout21 [849], MengLZB21 [565], ZhangYW21 [861], ZouZ20 [872], Lunardi20 [537], MejiaY20 [560], MengZRZL20 [566], KletzanderM20 [456], EscobetPQPRA19 [264], YounespourAKE19 [842], PourDERB18 [664], CappartTSR18 [172], MenciaSV13 [563], Zeballos10 [853], QuirogaZH05 [676]	abs-2402-00459 [610], GokPTGO23 [329], SquillaciPR23 [746], YuraszeckMCCR23 [848], MarliereSPR23 [554], AlfieriGPS23 [23], GuoZ23 [353], MullerMKP22 [587], abs-2211-14492 [750], TouatBT22 [779], ColT22 [213], OujanaAYB22 [635], BoudreaultSLQ22 [152], KletzanderMH21 [457], ArmstrongGOS21 [36], Astrand21 [48], KoehlerBFFHPSSS21 [458], GroleazNS20a [345], SacramentoSP20 [701], Polo-MejiaALB20 [662], HauderBRPA20 [374], KucukY19 [480], Novas19 [615], TanZWGQ19 [758], GurEA19 [873], abs-1911-04766 [311], FrohnerTR19 [296], abs-1902-09244 [373], GeibingerMM19 [312]... (Total: 66)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	net present value	ThiruvadyWGS14 [771], GuSS13 [349], GuSW12 [351], SchuttCSW12 [714]	CampeauG22 [170], HillTV21 [396], KelarevaTK13 [446]	abs-2402-00459 [610], EtminaniesfahaniGNMS22 [267], Astrand21 [48], AstrandJZ20 [51], ZarandiASC20 [852], LaborieRSV18 [484], MossigeGSMC17 [584], HookerH17 [414], SchnellH17 [712], SzerediS16 [754], SchuttS16 [722], SchnellH15 [711], BlomBPS14 [129], LaborieR14 [485], SchuttFS13 [716], Lombardi10 [517]
Concepts	no preempt			ColT22 [213], TouatBT22 [779], FanXG21 [277], Bedhief21 [100], Lunardi20 [537], MengZRZL20 [566], ParkUJR19 [645], NattafALR16 [605], TerekhovTDB14 [767], LombardiMRB10 [527], LiW08 [500], BeckW07 [99], MonetteDD07 [579], Baptiste02 [60], ArtiguesR00 [46], BruckerK00 [161]
Concepts	no-wait	PrataAN23 [668], Fatemi-AnarakiTFV23 [279], IsikYA23 [422], NaderiRR23 [601], AbreuNP23 [223], AlfieriGPS23 [23], HubnerGSV21 [418], VlkHT21 [814], ZarandiASC20 [852], Novas19 [615], GrimesH15 [341], GrimesH11 [340], GrimesH10 [339], AkkerDH07 [797]	MengGRZSC22 [564], AbreuN22 [222], AbreuAPNM21 [221], MengZRZL20 [566], MejiaY20 [560], MokhtarzadehTNF20 [578], Dejemeppe16 [227], Malapert11 [545]	AbreuPNF23 [4], MarliereSPR23 [554], NaderiBZ23 [598], YuraszeckMPV22 [847], ArmstrongGOS22 [37], EmdeZD22 [260], MullerMKP22 [587], AwadMDMT22 [52], BourreauGGLT22 [154], LiFJZLL22 [502], FarsiTM22 [278], NaderiBZ22 [597], Bedhief21 [100], HauderBRPA20 [374], abs-1902-09244 [373], RiahiNS018 [683], ZhangW18 [862], ArbaouiY18 [33], WangMD15 [822], NovasH12 [617], ZeballosNH11 [858], HermenierDL11 [393], NovasH10 [616], RodriguezS09 [692], Rodriguez07b [690], LammaMM97 [490], BlazewiczDP96 [165], BrusoniCLMMT96 [162]
Concepts	one-machine scheduling	MilanoW09 [574], MilanoW06 [573], BlazewiczDP96 [165]	ZhangBB22 [860], Schutt11 [713], Baptiste02 [60]	PenzDN23 [648], ColT22 [213], Astrand21 [48], FanXG21 [277], KoehlerBFFHPSSS21 [458], ZarandiASC20 [852], Hooker19 [410], HookerH17 [414], MelgarejoLS15 [15], BeniniLMR11 [119], ArtiguesF07 [42], SadykovW06 [704], ChuX05 [194], BeckW04 [97], Sadykov04 [703], ArtiguesBF04 [40], HookerO03 [412], BosiM2001 [150], JainM99 [424]
Concepts	online scheduling	TerekhovTDB14 [767], GetoorOFC97 [319]	Mehdizadeh-Somarin23 [559], Zahout21 [849], Groleaz21 [344]	PrataAN23 [668], MullerMKP22 [587], RoshanaeiN21 [697], VlkHT21 [814], NishikawaSTT19 [613], TranPZLDB18 [784], HebrardHJMPV16 [377], LimHTB16 [506], ZhouGL15 [867], DoomsH08 [244], ElkhyariGJ02a [259], DincbasS91 [240]
Concepts	open-shop	PrataAN23 [668], AbreuPNF23 [4], NaderiRR23 [601], Bit-Monnot23 [126], AbreuNP23 [223], AbreuN22 [222], YuraszeckMPV22 [847], AbreuAPNM21 [221], Groleaz21 [344], ZarandiASC20 [852], MejiaY20 [560], Lunardi20 [537], FahimiOQ18 [272], Fahimi16 [271], Siala15 [731], GrimesH15 [341], Siala15a [732], MalapertCGJLR13 [547], MalapertCGJLR12 [546], Malapert11 [545], GrimesHM09 [342], OhrimenkoSC09 [628], MonetteDD07 [579], Elkhyari03 [257], LorigeonBB02 [530], JussienL02 [432], Baptiste02 [60], FocacciLN00 [283]	ZhuSZW23 [869], Godet21a [325], Astrand21 [48], SacramentoSP20 [701], MengZRZL20 [566], Dejemeppe16 [227], TerekhovDOB12 [766], Schutt11 [713], GrimesH10 [339], Vilim05 [806], Demassey03 [230], Dorndorf2000 [247], JainM99 [424]	BonninMNE24 [146], NaderiBZ23 [598], YuraszeckMCCR23 [848], YuraszeckMC23 [846], KimCMLLP23 [451], ShaikhK23 [727], AfsarVPG23 [11], NaderiBZ22 [597], OujanaAYB22 [635], EtminaniesfahaniGNMS22 [267], EmdeZD22 [260], ColT22 [213], Astrand0F21 [49], abs-2102-08778 [206], AstrandJZ20 [51], ColT2019a [212], ParkUJR19 [645], GombolayWS18 [334], HookerH17 [414], AlesioBNG15 [22], SialaAH15 [733], Derrien15 [233], AlesioNBG14 [236], BonfiettiLM14 [143], BillautHL12 [125], GrimesH11 [340], SchuttFSW11 [719], ChenGPSH10 [192], BartakSR10 [76]... (Total: 41)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	order	PrataAN23 [668], abs-2402-00459 [610], LuZZYW24 [533], LiLZDZW24 [501], BonninMNE24 [146], GokPTGO23 [329], ZhuSZW23 [869], AbreuNP23 [223], Fatemi-AnarakiTFV23 [279], Adelgren2023 [10], abs-2306-05747 [763], PerezGSL23 [649], NaderiBZ23 [598], abs-2312-13682 [650], AalianPG23 [1], AbreuPNF23 [4], MarliereSPR23 [554], YuraszeckMCCR23 [848], GuoZ23 [353], EfthymiouY23 [254], TasselGS23 [762], JuvinHL23 [435], LacknerMMWW23 [487], IsikYA23 [422], PenzDN23 [648], PovedaAA23 [665], JuvinHL23a [436], AlfieriGPS23 [23], CzerniachowskaWZ23 [211]... (Total: 495)	FalqueALM24 [276], ForbesHJST24 [286], YuraszeckMC23 [846], GurPAE23 [354], abs-2305-19888 [388], MontemanniD23a [581], NaderiRR23 [601], TardivoDFMP23 [761], NaderiBZR23 [596], ShaikhK23 [727], SvancaraB22 [753], ElciOH22 [255], JungblutK22 [430], ZhangBB22 [860], ArmstrongGOS22 [37], WinterMMW22 [829], OrnekOS20 [631], TouatBT22 [779], OuelletQ22 [634], HeinzNVH22 [387], RoshanaeiN21 [697], HillTV21 [396], abs-2102-08778 [206], BenderWS21 [111], GeibingerMM21 [313], QinDCS20 [673], GokGSTO20 [328], WallaceY20 [818], AntunesABD20 [28]... (Total: 132)	Mehdizadeh-Somarin23 [559], MontemanniD23 [582], AkramNHRSA23 [18], ZhangJZL22 [859], JuvinHL22 [434], NaderiBZ22a [595], AbohashimaEG21 [3], MengLZB21 [565], ZhangYW21 [861], MokhtarzadehTNF20 [578], RoshanaeiBAUB20 [694], GalleguillosKSB19 [299], abs-1902-01193 [19], KucukY19 [480], ArbaouiY18 [33], BenediktSMVH18 [114], AgussurjaKL18 [16], He0GLW18 [375], SchnellH17 [712], TranVNB17a [787], Hooker17 [409], KinsellaS0OS16 [452], BridiLBBM16 [159], HurleyOS16 [420], RiiseML16 [684], FrankDT16 [290], HechingH16 [380], CireCH16 [199], Bonfietti16 [138]... (Total: 84)
Concepts	order scheduling	TerekhovDOB12 [766]	PrataAN23 [668], AbreuPNF23 [4]	QinWSLS21 [672], AbreuAPNM21 [221], DoRZ08 [242]
Concepts	periodic	SquillaciPR23 [746], Groleaz21 [344], Lemos21 [495], BonfiettiZLM16 [145], Fahimi16 [271], AlesioBNG15 [22], AlesioNBG14 [236], BonfiettiLBM14 [141], TerekhovTDB14 [767], BonfiettiLM13 [142], TranTDB13 [785], SimoninAHL12 [734], BonfiettiLBM12 [140], LiuW11 [514], LombardiBMB11 [519], Lombardi10 [517], HladikCDJ08 [397], Johnston05 [201], CambazardHDJT04 [168], SchildW00 [710], KorbaaYG99 [461], PembertonG98 [646]	Mehdizadeh-Somarin23 [559], TouatBT22 [779], VlkHT21 [814], Astrand21 [48], Bonfietti16 [138], BajestaniB15 [57], HarjunkoskiMBC14 [370], BonfiettiLBM11 [139], NovasH10 [616], Davenport10 [218], BocewiczBB09 [131], BeniniLMR08 [118], BeniniBGM05 [115]	FalqueALM24 [276], CzerniachowskaWZ23 [211], PenzDN23 [648], AkramNHRSA23 [18], abs-2306-05747 [763], Adelgren2023 [10], AbreuPNF23 [4], NaderiBZR23 [596], TasselGS23 [762], FarsiTM22 [278], OrnekOS20 [631], PopovicCGNC22 [663], AbreuAPNM21 [221], Godet21a [325], AntunesABD20 [28], AntuoriHHEN20 [29], AstrandJZ20 [51], Polo-MejiaALB20 [662], ZarandiASC20 [852], Caballero19 [166], TanZWGQ19 [758], NattafDYW19 [606], EscobetPQPRA19 [264], CappartTSR18 [172], AntunesABD18 [27], TranPZLDB18 [784], AstrandJZ18 [50], LaborieRSV18 [484], GombolayWS18 [334]... (Total: 73)
Concepts	planned maintenance		Malapert11 [545], Davenport10 [218]	TouatBT22 [779], KovacsTKSG21 [472], Astrand21 [48], AntunesABD20 [28], BajestaniB15 [57], AkkerDH07 [797]
Concepts	precedence	BonninMNE24 [146], LuZZYW24 [533], abs-2402-00459 [610], MarliereSPR23 [554], AlfieriGPS23 [23], NaderiRR23 [601], YuraszeckMCCR23 [848], PovedaAA23 [665], JuvinHHL23 [433], ZhuSZW23 [869], IsikYA23 [422], KotaryFH22 [464], PohlAK22 [660], CampeauG22 [170], YunusogluY22 [845], ZhangBB22 [860], NaderiBZ22a [595], BoudreaultSLQ22 [152], FetgoD22 [281], MengGRZSC22 [564], EtminaniesfahaniGNMS22 [267], GeibingerMM21 [313], Edis21 [250], HanenKP21 [367], Astrand0F21 [49], Astrand21 [48], HubnerGSV21 [418], ZhangYW21 [861], Godet21a [325]... (Total: 204)	TardivoDFMP23 [761], Bit-Monnot23 [126], GokPTGO23 [329], KameugneFND23 [441], JuvinHL23a [436], SubulanC22 [748], OujanaAYB22 [635], ColT22 [213], HamP21 [361], VlkHT21 [814], AntuoriHHEN21 [30], Zahout21 [849], WessenCS20 [827], Ham20a [358], MokhtarzadehTNF20 [578], GokGSTO20 [328], QinDCS20 [673], GeibingerMM19 [312], Novas19 [615], abs-1911-04766 [311], SunTB19 [749], BogaerdtW19 [798], MurinR19 [588], ColT19 [207], TanT18 [756], Ham18 [363], KameugneFGOQ18 [440], Madi-WambaLOBM17 [543], EmeretlisTAV17 [261]... (Total: 97)	PrataAN23 [668], JuvinHL23 [435], AfsarVPG23 [11], NaderiBZR23 [596], TasselGS23 [762], Mehdizadeh-Somarin23 [559], abs-2306-05747 [763], YuraszeckMC23 [846], KimCMLLP23 [451], abs-2305-19888 [388], MullerMKP22 [587], JuvinHL22 [434], EmdeZD22 [260], ZhangJZL22 [859], TouatBT22 [779], WinterMMW22 [829], BourreauGGLT22 [154], GeitzGSSW22 [314], abs-2211-14492 [750], HeinzNVH22 [387], AwadMDMT22 [52], KovacsTKSG21 [472], Lemos21 [495], PandeyS21a [640], AbreuAPNM21 [221], AntunesABD20 [28], GroleazNS20a [345], TangB20 [759], TanZWGQ19 [758]... (Total: 122)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	preempt	BonninMNE24 [146], JuvinHL23a [436], JuvinHHL23 [433], PovedaAA23 [665], SubulanC22 [748], AwadMDMT22 [52], JuvinHL22 [434], Groleaz21 [344], HanenKP21 [367], ArtiguesHQT21 [43], Godet21a [325], ZarandiASC20 [852], Polo-MejiaALB20 [662], NattafHKAL19 [607], BaptisteB18 [62], GokgurHO18 [330], FahimiOQ18 [272], ZarandiKS16 [851], Fahimi16 [271], NattafALR16 [605], Dejemeppe16 [227], AlesioBNG15 [22], EvenSH15 [268], EvenSH15a [269], AlesioNBG14 [236], UnsalO13 [792], LombardiMB13 [526], MenciaSV12 [562], LombardiM12 [524]... (Total: 48)	PrataAN23 [668], Adelgren2023 [10], abs-2305-19888 [388], AbreuPNF23 [4], FetgoD22 [281], HeinzNVH22 [387], OuelletQ22 [634], Zahout21 [849], Astrand21 [48], Edis21 [250], CarlierPSJ20 [175], LunardiBLRV20 [536], SacramentoSP20 [701], Mercier-AubinGQ20 [569], Lunardi20 [537], Caballero19 [166], ArkhipovBL19 [35], GombolayWS18 [334], HamFC17 [360], YoungFS17 [843], OrnekO16 [630], SchnellH15 [711], NattafAL15 [603], OzturkTHO15 [639], SimoninAHL15 [735], TerekhovTDB14 [767], ArtiguesL14 [44], MenciaSV13 [563], BajestaniB13 [56]... (Total: 49)	Mehdizadeh-Somarin23 [559], KameugneFND23 [441], abs-2306-05747 [763], PenzDN23 [648], YuraszeckMC23 [846], YuraszeckMCCR23 [848], AbreuNP23 [223], ZhuSZW23 [869], IsikYA23 [422], AfsarVPG23 [11], AalianPG23 [1], NaderiRR23 [601], TasselGS23 [762], TardivoDFMP23 [761], AkramNHRSA23 [18], ZhangBB22 [860], MullerMKP22 [587], JungblutK22 [430], Teppan22 [765], EtminaniesfahaniGNMS22 [267], ColT22 [213], YunusogluY22 [845], AbreuN22 [222], NaderiBZ22a [595], TouatBT22 [779], GeitzGSSW22 [314], BoudreaultSLQ22 [152], OujanaAYB22 [635], Bedhief21 [100]... (Total: 171)
Concepts	preemptive	BonninMNE24 [146], PovedaAA23 [665], JuvinHL23a [436], JuvinHHL23 [433], JuvinHL22 [434], AwadMDMT22 [52], ArtiguesHQT21 [43], HanenKP21 [367], Godet21a [325], Polo-MejiaALB20 [662], ZarandiASC20 [852], NattafHKAL19 [607], GokgurHO18 [330], BaptisteB18 [62], Dejemeppe16 [227], Fahimi16 [271], EvenSH15 [268], EvenSH15a [269], AlesioNBG14 [236], LombardiMB13 [526], UnsalO13 [792], MenciaSV12 [562], LombardiM12 [524], Schutt11 [713], KovacsB11 [467], BeldiceanuCDP11 [106], Lombardi10 [517], BartakSR10 [76], ClautiauxJCM08 [200]... (Total: 42)	PrataAN23 [668], AbreuPNF23 [4], Adelgren2023 [10], Groleaz21 [344], Edis21 [250], Mercier-AubinGQ20 [569], CarlierPSJ20 [175], SacramentoSP20 [701], ArkhipovBL19 [35], Caballero19 [166], FahimiOQ18 [272], YoungFS17 [843], HamFC17 [360], NattafALR16 [605], ZarandiKS16 [851], OrnekO16 [630], OzturkTHO15 [639], NattafAL15 [603], MenciaSV13 [563], OzturkTHO13 [638], BajestaniB13 [56], ZampelliVSDR13 [850], OzturkTHO12 [636], Malapert11 [545], SchuttFSW11 [719], LombardiMRB10 [527], ChenGPSH10 [192], Wolf09 [835], Laborie09 [482]... (Total: 36)	AalianPG23 [1], NaderiRR23 [601], Mehdizadeh-Somarin23 [559], abs-2305-19888 [388], PenzDN23 [648], YuraszeckMC23 [846], AbreuN22 [222], SubulanC22 [748], EtminaniesfahaniGNMS22 [267], NaderiBZ22a [595], ColT22 [213], HeinzNVH22 [387], MullerMKP22 [587], GeitzGSSW22 [314], ZhangYW21 [861], HillTV21 [396], AbreuAPNM21 [221], ArmstrongGOS21 [36], QinWSLS21 [672], HubnerGSV21 [418], Zahout21 [849], KovacsTKSG21 [472], BenderWS21 [111], BenediktMH20 [113], MejiaY20 [560], CauwelaertDS20 [187], GroleazNS20a [345], GroleazNS20 [346], SenderovichBB19 [725]... (Total: 137)
Concepts	producer/consumer	SchuttS16 [722], PoderBS04 [659], Kumar03 [479], Beck99 [82], SimonisC95 [741]	HermenierDL11 [393], BeldiceanuC02 [105], Simonis99 [738], Simonis95a [736]	GeitzGSSW22 [314], KlankeBYE21 [454], CappartTSR18 [172], BlomPS16 [130], LombardiM12a [523], Wolf11 [832], SimonisH11 [742], LombardiMRB10 [527], ChenGPSH10 [192], PoderB08 [658], Simonis07 [739], PolicellaWSO05 [661], Timpe02 [774], SimonisCK00 [740], Simonis95 [737]
Concepts	re-scheduling	Fatemi-AnarakiTFV23 [279], MarliereSPR23 [554], Astrand21 [48], Groleaz21 [344], Lemos21 [495], HamPK21 [362], BarzegaranZP20 [81], ZarandiASC20 [852], ZhangW18 [862], CappartS17 [171], Madi-WambaLOBM17 [543], Froger16 [295], BartakV15 [77], GrimesIOS14 [343], HarjunkoskiMBC14 [370], ChunS14 [196], BajestaniB13 [56], TranTDB13 [785], LombardiM12 [524], RendlPHPR12 [682], IfrimOS12 [421], NovasH10 [616], BidotVLB09 [124], Laborie03 [481], Baptiste02 [60], MartinPY01 [556], ArtiguesR00 [46]	Mehdizadeh-Somarin23 [559], NaderiBZR23 [596], NaderiBZ22a [595], KovacsTKSG21 [472], Zahout21 [849], AstrandJZ20 [51], AntunesABD20 [28], RoshanaeiBAUB20 [694], GombolayWS18 [334], AgussurjaKL18 [16], HoYCLLCLC18 [398], AntunesABD18 [27], TranPZLDB18 [784], FrankDT16 [290], KinsellaS0OS16 [452], HurleyOS16 [420], LimHTB16 [506], LimBTBB15 [508], CobanH11 [204], Lombardi10 [517], CobanH10 [203], Acuna-AgostMFG09 [8], Johnston05 [201], Elkhyari03 [257], Beck99 [82], JoLLH99 [428], MorgadoM97 [583], SadehF96 [702], DincbasS91 [240]	ForbesHJST24 [286], PrataAN23 [668], abs-2306-05747 [763], GurPAE23 [354], PerezGSL23 [649], abs-2312-13682 [650], EfthymiouY23 [254], TasselGS23 [762], abs-2305-19888 [388], ShaikhK23 [727], NaderiRR23 [601], GokPTGO23 [329], Adelgren2023 [10], JuvinHL23a [436], ZhuSZW23 [869], BourreauGGLT22 [154], HeinzNVH22 [387], LuoB22 [539], PohlAK22 [660], FarsiTM22 [278], JuvinHL22 [434], YuraszeckMPV22 [847], ArmstrongGOS22 [37], YunusogluY22 [845], RoshanaeiN21 [697], KlankeBYE21 [454], ZhangYW21 [861], PandeyS21a [640], MejiaY20 [560]... (Total: 112)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	reactive scheduling	NovasH10 [616], JoLLH99 [428]	Groleaz21 [344], ZarandiASC20 [852], BartakV15 [77], HarjunkoskiMBC14 [370], ChunCTY99 [195]	Mehdizadeh-Somarin23 [559], HubnerGSV21 [418], FanXG21 [277], Lunardi20 [537], EscobetPQPRA19 [264], Fahimi16 [271], Froger16 [295], NovasH14 [618], BonfiettiLM14 [143], BajestaniB13 [56], LombardiM12 [524], BillautHL12 [125], NovasH12 [617], LopesCSM10 [528], ZeballosCM10 [856], BidotVLB09 [124], MouraSCL08a [585], BeckW07 [99], Elkhyari03 [257], Baptiste02 [60], SakkoutW00 [706], BeckF00 [94], PapaB98 [644], BeckDDF98 [86], NuijtenP98 [622], Wallace96 [816], FoxS90 [289]
Concepts	release-date	BonninMNE24 [146], YunusogluY22 [845], YuraszeckMPV22 [847], WinterMMW22 [829], EmdeZD22 [260], JuvinHL22 [434], Groleaz21 [344], HanenKP21 [367], Bedhief21 [100], CarlierPSJ20 [175], Polo-MejiaALB20 [662], EscobetPQPRA19 [264], Tesch18 [769], KameugneFSN14 [444], ArtiguesLH13 [45], LimtanyakulS12 [510], SerraNM12 [726], TerekhovDOB12 [766], KovacsB11 [467], KameugneFSN11 [443], Lombardi10 [517], BartakSR10 [76], LombardiM10a [521], abs-0907-0939 [655], MercierH08 [567], KovacsB07 [465], Hooker07 [407], MercierH07 [568], AkkerDH07 [797]... (Total: 41)	PrataAN23 [668], LacknerMMWW23 [487], JuvinHL23a [436], ArtiguesHQT21 [43], LacknerMMWW21 [486], Godet21a [325], GroleazNS20a [345], AntuoriHHEN20 [29], GroleazNS20 [346], ZarandiASC20 [852], ArkhipovBL19 [35], abs-1911-04766 [311], GeibingerMM19 [312], Dejemeppe16 [227], HeinzSB13 [386], KelbelH11 [447], Beck10 [85], MilanoW09 [574], Laborie09 [482], BartakSR08 [80], Simonis07 [739], Limtanyakul07 [509], MilanoW06 [573], Hooker06 [405], WuBB05 [837], Hooker05a [403], PolicellaWSO05 [661], Sadykov04 [703], HarjunkoskiG02 [368]... (Total: 36)	ForbesHJST24 [286], Adelgren2023 [10], PovedaAA23 [665], PenzDN23 [648], IsikYA23 [422], YuraszeckMC23 [846], PohlAK22 [660], TouatBT22 [779], AwadMDMT22 [52], Zahout21 [849], AntuoriHHEN21 [30], GeibingerMM21 [313], HillTV21 [396], AbreuAPNM21 [221], Astrand21 [48], ZhangYW21 [861], KovacsTKSG21 [472], GodetLHS20 [326], MejiaY20 [560], Lunardi20 [537], Hooker19 [410], Novas19 [615], NattafHKAL19 [607], UnsalO19 [793], Caballero19 [166], abs-1902-09244 [373], TanT18 [756], KreterSSZ18 [475], Laborie18a [483]... (Total: 100)
Concepts	resource	LuZZYW24 [533], ForbesHJST24 [286], BonninMNE24 [146], PrataAN23 [668], abs-2402-00459 [610], Fatemi-AnarakiTFV23 [279], PovedaAA23 [665], GuoZ23 [353], NaderiRR23 [601], GokPTGO23 [329], MarliereSPR23 [554], YuraszeckMCCR23 [848], CzerniachowskaWZ23 [211], JuvinHL23a [436], TardivoDFMP23 [761], JuvinHHL23 [433], ShaikhK23 [727], WangB23 [821], KameugneFND23 [441], NaderiBZ23 [598], abs-2305-19888 [388], AlfieriGPS23 [23], AalianPG23 [1], GurPAE23 [354], AbreuPNF23 [4], AbreuN22 [222], YunusogluY22 [845], SubulanC22 [748], EtminaniesfahaniGNMS22 [267]... (Total: 478)	FalqueALM24 [276], Adelgren2023 [10], TasselGS23 [762], AbreuNP23 [223], abs-2306-05747 [763], Caballero23 [167], AfsarVPG23 [11], abs-2312-13682 [650], PerezGSL23 [649], IsikYA23 [422], NaderiBZR23 [596], Bit-Monnot23 [126], ElciOH22 [255], PohlAK22 [660], MullerMKP22 [587], SvancaraB22 [753], abs-2211-14492 [750], YuraszeckMPV22 [847], KotaryFH22 [464], WinterMMW22 [829], Edis21 [250], HamP21 [361], KlankeBYE21 [454], Astrand0F21 [49], LunardiBLRV20 [536], WallaceY20 [818], Ham20a [358], TangB20 [759], MokhtarzadehTNF20 [578]... (Total: 86)	AkramNHRSA23 [18], MontemanniD23 [582], PenzDN23 [648], SquillaciPR23 [746], ZhuSZW23 [869], ZhangJZL22 [859], EmdeZD22 [260], Teppan22 [765], JungblutK22 [430], PopovicCGNC22 [663], ArmstrongGOS22 [37], AntuoriHHEN21 [30], FanXG21 [277], HamPK21 [362], AbreuAPNM21 [221], AbohashimaEG21 [3], KoehlerBFFHPSSS21 [458], abs-2102-08778 [206], ArmstrongGOS21 [36], MejiaY20 [560], BarzegaranZP20 [81], FachiniA20 [270], NattafM20 [608], KletzanderM20 [456], ThomasKS20 [772], HoundjiSW19 [416], ColT2019a [212], BadicaBIL19 [54], KucukY19 [480]... (Total: 86)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	scheduling	PrataAN23 [668], ForbesHJST24 [286], abs-2402-00459 [610], LiLZDZW24 [501], LuZZYW24 [533], BonninMNE24 [146], ZhuSZW23 [869], IsikYA23 [422], abs-2306-05747 [763], JuvinHHL23 [433], TardivoDFMP23 [761], Fatemi-AnarakiTFV23 [279], Mehdizadeh-Somarin23 [559], KimCMLLP23 [451], LacknerMMWW23 [487], GurPAE23 [354], AlfieriGPS23 [23], WangB23 [821], Bit-Monnot23 [126], abs-2305-19888 [388], abs-2312-13682 [650], PerezGSL23 [649], NaderiBZ23 [598], GuoZ23 [353], KameugneFND23 [441], SquillaciPR23 [746], Caballero23 [167], AfsarVPG23 [11], GokPTGO23 [329]... (Total: 689)	FalqueALM24 [276], HebrardALLCMR22 [376], BukchinR18 [163], Kameugne15 [439], GayHS15 [305], BessiereHMQW14 [123], HoundjiSWD14 [417], LetortCB13 [498], LetortBC12 [497], ClercqPBJ11 [202], ChapadosJR11 [191], Baptiste09 [61], Acuna-AgostMFG09 [8], abs-0907-0939 [655], GomesHS06 [335], HebrardTW05 [378], MoffittPP05 [577], WuBB05 [837], DilkinaDH05 [237], ValleMGT03 [796], Vilim03 [804], HookerY02 [415], BenoistGR02 [120], Vilim02 [803], RodriguezDG02 [691], BeldiceanuC01 [104], FrostD98 [297], CestaOS98 [189], Touraivane95 [780]	Hooker17 [409], AchterbergBKW08 [7], RossiTHP07 [698], CambazardJ05 [169], AbrilSB05 [5], WolfS05a [833], Hooker05b [404], VanczaM01 [801], LeeKLKKYHP97 [494], Davis87 [220]
Concepts	sequence dependent setup	Groleaz21 [344], GedikKEK18 [308], TranAB16 [781], HamC16 [364], TranB12 [782], Wolf11 [832], ArtiguesF07 [42], FocacciLN00 [283]	IsikYA23 [422], YuraszeckMPV22 [847], GeitzGSSW22 [314], MengLZB21 [565], CauwelaertDS20 [187], MengZRZL20 [566], ZarandiASC20 [852], RiahiNS018 [683], Dejemeppe16 [227], GrimesH15 [341], LombardiM12 [524], Simonis07 [739], ArtiguesBF04 [40]	PrataAN23 [668], GuoZ23 [353], abs-2305-19888 [388], Adelgren2023 [10], NaderiRR23 [601], YunusogluY22 [845], PohlAK22 [660], HeinzNVH22 [387], OujanaAYB22 [635], NaderiBZ22a [595], Astrand21 [48], ArmstrongGOS21 [36], Bedhief21 [100], HamPK21 [362], Mercier-AubinGQ20 [569], MejiaY20 [560], RoshanaeiBAUB20 [694], MalapertN19 [549], Novas19 [615], KucukY19 [480], Hooker19 [410], ArbaouiY18 [33], LaborieRSV18 [484], FahimiOQ18 [272], Ham18 [363], GedikKBR17 [309], EmeretlisTAV17 [261], RoshanaeiLAU17 [695], Pralet17 [666]... (Total: 50)
Concepts	setup-time	PrataAN23 [668], NaderiBZ23 [598], AbreuPNF23 [4], abs-2305-19888 [388], AbreuNP23 [223], NaderiRR23 [601], IsikYA23 [422], LacknerMMWW23 [487], ColT22 [213], NaderiBZ22 [597], WinterMMW22 [829], YuraszeckMPV22 [847], MengGRZSC22 [564], GeitzGSSW22 [314], OujanaAYB22 [635], YunusogluY22 [845], PohlAK22 [660], HeinzNVH22 [387], AbreuN22 [222], AwadMDMT22 [52], Groleaz21 [344], MengLZB21 [565], Astrand21 [48], LacknerMMWW21 [486], GroleazNS20 [346], Mercier-AubinGQ20 [569], LunardiBLRV20 [536], ZarandiASC20 [852], MengZRZL20 [566]... (Total: 70)	Adelgren2023 [10], PenzDN23 [648], GokPTGO23 [329], ZhuSZW23 [869], AlfieriGPS23 [23], CzerniachowskaWZ23 [211], KimCMLLP23 [451], LiFJZLL22 [502], Bedhief21 [100], ArmstrongGOS21 [36], FanXG21 [277], AbreuAPNM21 [221], AstrandJZ20 [51], LaborieRSV18 [484], HookerH17 [414], NovaraNH16 [614], OrnekO16 [630], HamC16 [364], GaySS14 [307], KelarevaTK13 [446], OzturkTHO13 [638], ZampelliVSDR13 [850], Malapert11 [545], Wolf11 [832], ThiruvadyBME09 [770], BeniniBGM06 [116], HarjunkoskiG02 [368], Timpe02 [774], Vilim02 [803]	AfsarVPG23 [11], Mehdizadeh-Somarin23 [559], GuoZ23 [353], NaderiBZR23 [596], EfthymiouY23 [254], YuraszeckMCCR23 [848], JuvinHL23 [435], JuvinHL23a [436], Fatemi-AnarakiTFV23 [279], JuvinHHL23 [433], abs-2211-14492 [750], ZhangJZL22 [859], Teppan22 [765], NaderiBZ22a [595], JuvinHL22 [434], MullerMKP22 [587], ZhangYW21 [861], AbohashimaEG21 [3], RoshanaeiN21 [697], BenderWS21 [111], HamPK21 [362], Polo-MejiaALB20 [662], HauderBRPA20 [374], MokhtarzadehTNF20 [578], GokGSTO20 [328], GodetLHS20 [326], RoshanaeiBAUB20 [694], Caballero19 [166], abs-1902-09244 [373]... (Total: 93)
Concepts	single-machine scheduling	PenzDN23 [648], TouatBT22 [779], ZarandiASC20 [852], BajestaniB15 [57]	PrataAN23 [668], AlfieriGPS23 [23], Groleaz21 [344], BenediktMH20 [113], BogaerdtW19 [798], TerekhovDOB12 [766], KovacsB11 [467], WuBB09 [838], JainM99 [424]	LuZZYW24 [533], BonninMNE24 [146], Fatemi-AnarakiTFV23 [279], Mehdizadeh-Somarin23 [559], ZhangJZL22 [859], PohlAK22 [660], ElciOH22 [255], EmdeZD22 [260], HillTV21 [396], QinWSLS21 [672], KoehlerBFFHPSSS21 [458], HamPK21 [362], PandeyS21a [640], NattafHKAL19 [607], NattafDYW19 [606], Tom19 [775], Hooker19 [410], MalapertN19 [549], BenediktSMVH18 [114], TanT18 [756], Tesch18 [769], GomesM17 [336], HamFC17 [360], ZarandiKS16 [851], TranWDRFOVB16 [788], TranAB16 [781], DoulabiRP16 [249], BurtLPS15 [164], LaborieR14 [485]... (Total: 51)
Concepts	single-stage scheduling		HarjunkoskiG02 [368]	TerekhovDOB12 [766]

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	stochastic	ForbesHJST24 [286], NaderiBZ23 [598], AfsarVPG23 [11], GuoZ23 [353], NaderiBZR23 [596], GurPAE23 [354], GokPTGO23 [329], PenzDN23 [648], NaderiBZ22 [597], SubulanC22 [748], ElciOH22 [255], Astrand21 [48], Edis21 [250], Groleaz21 [344], RoshanaeiBAUB20 [694], AntuoriHHEN20 [29], ZarandiASC20 [852], Hooker19 [410], TranPZLDB18 [784], ShinBBHO18 [730], Froger16 [295], LombardiBM15 [518], HarjunkoskiMBC14 [370], BonfiettiLM14 [143], TerekhovTDB14 [767], BajestaniB13 [56], LombardiMB13 [526], SchausHMCMD11 [709], Lombardi10 [517]... (Total: 43)	YuraszeckMC23 [846], FarsiTM22 [278], OrnekOS20 [631], YuraszeckMPV22 [847], HubnerGSV21 [418], AntuoriHHEN21 [30], AstrandJZ20 [51], Lunardi20 [537], SacramentoSP20 [701], GurEA19 [873], ParkUJR19 [645], FrimodigS19 [294], SenderovichBB19 [725], LaborieRSV18 [484], ZhangW18 [862], RoshanaeiLAU17 [695], HookerH17 [414], RiiseML16 [684], LimHTB16 [506], DoulabiRP16 [249], BajestaniB15 [57], TranTDB13 [785], LombardiM12a [523], CobanH11 [204], LombardiM10 [522], WuBB09 [838], DilkinaDH05 [237], BeckW04 [97], GlobusCLP04 [323]... (Total: 33)	PrataAN23 [668], LuZZYW24 [533], AlfieriGPS23 [23], AbreuPNF23 [4], Mehdizadeh-Somarin23 [559], JuvinHL23 [435], JuvinHL23a [436], AbreuNP23 [223], KotaryFH22 [464], CampeauG22 [170], ZhangJZL22 [859], PopovicCGNC22 [663], LiFJZLL22 [502], PohlAK22 [660], NaderiBZ22a [595], AbreuN22 [222], EmdeZD22 [260], EtminaniesfahaniGNMS22 [267], AwadMDMT22 [52], MullerMKP22 [587], FanXG21 [277], VlkHT21 [814], RoshanaeiN21 [697], AbohashimaEG21 [3], AbreuAPNM21 [221], Lemos21 [495], GokGSTO20 [328], HauderBRPA20 [374], ZouZ20 [872]... (Total: 111)
Concepts	stock level	LopesCSM10 [528], SimonisC95 [741]	German18 [317], RossiTHP07 [698], Timpe02 [774], Simonis99 [738]	UnsalO19 [793], QinDS16 [674], KhemmoudjPB06 [450], SimonisCK00 [740], Beck99 [82], RoweJCA96 [699], Simonis95a [736]
Concepts	sustainability			LuZZYW24 [533], MontemanniD23a [581], AbreuPNF23 [4], PenzDN23 [648], CzerniachowskaWZ23 [211], MontemanniD23 [582], Mehdizadeh-Somarin23 [559], PopovicCGNC22 [663], MullerMKP22 [587], BenediktMH20 [113], HoYCLLCLC18 [398], Froger16 [295], BridiBLMB16 [158], Madi-WambaB16 [542], GrimesIOS14 [343], IfrimOS12 [421]
Concepts	tardiness	PrataAN23 [668], NaderiRR23 [601], IsikYA23 [422], KimCMLLP23 [451], AlfieriGPS23 [23], GokPTGO23 [329], NaderiBZ23 [598], LacknerMMWW23 [487], AbreuPNF23 [4], OujanaAYB22 [635], AwadMDMT22 [52], PohlAK22 [660], TouatBT22 [779], AbreuN22 [222], WinterMMW22 [829], YunusogluY22 [845], NaderiBZ22 [597], abs-2211-14492 [750], FanXG21 [277], MengLZB21 [565], AntuoriHHEN21 [30], Groleaz21 [344], LacknerMMWW21 [486], ZarandiASC20 [852], Mercier-AubinGQ20 [569], TangB20 [759], AntuoriHHEN20 [29], HauderBRPA20 [374], GroleazNS20a [345]... (Total: 72)	abs-2402-00459 [610], AbreuNP23 [223], PenzDN23 [648], SubulanC22 [748], FarsiTM22 [278], ElciOH22 [255], EmdeZD22 [260], ColT22 [213], KovacsTKSG21 [472], AbreuAPNM21 [221], GroleazNS20 [346], GokGSTO20 [328], Lunardi20 [537], GokgurHO18 [330], GedikKEK18 [308], Hooker17 [409], CireCH16 [199], TranAB16 [781], ThiruvadyWGS14 [771], TerekhovTDB14 [767], HarjunkoskiMBC14 [370], HamdiL13 [365], BajestaniB13 [56], Malapert11 [545], NovasH10 [616], BartakSR10 [76], Beck06 [83], QuirogaZH05 [676], GodardLN05 [324]... (Total: 34)	JuvinHL23 [435], Mehdizadeh-Somarin23 [559], TasselGS23 [762], abs-2306-05747 [763], LiFJZLL22 [502], ZhangJZL22 [859], EtminaniesfahaniGNMS22 [267], NaderiBZ22a [595], MengGRZSC22 [564], VlkHT21 [814], KoehlerBFFHPSSS21 [458], HanenKP21 [367], HamPK21 [362], Astrand21 [48], HubnerGSV21 [418], Bedhief21 [100], GeibingerMM21 [313], QinWSLS21 [672], QinDCS20 [673], MejiaY20 [560], LunardiBLRV20 [536], Polo-MejiaALB20 [662], Tom19 [775], SunTB19 [749], Novas19 [615], ZhangW18 [862], RiahiNS018 [683], KreterSSZ18 [475], Ham18a [357]... (Total: 88)
Concepts	task	PrataAN23 [668], FalqueALM24 [276], BonninMNE24 [146], LuZZYW24 [533], ForbesHJST24 [286], abs-2402-00459 [610], JuvinHHL23 [433], YuraszeckMCCR23 [848], AfsarVPG23 [11], KameugneFND23 [441], GokPTGO23 [329], AkramNHRSA23 [18], CzerniachowskaWZ23 [211], Adelgren2023 [10], WangB23 [821], PovedaAA23 [665], JuvinHL23 [435], Fatemi-AnarakiTFV23 [279], abs-2305-19888 [388], LiFJZLL22 [502], OuelletQ22 [634], HeinzNVH22 [387], ColT22 [213], AwadMDMT22 [52], ElciOH22 [255], KotaryFH22 [464], NaderiBZ22a [595], CampeauG22 [170], GeitzGSSW22 [314]... (Total: 318)	JuvinHL23a [436], MontemanniD23a [581], Bit-Monnot23 [126], IsikYA23 [422], SquillaciPR23 [746], NaderiBZR23 [596], MontemanniD23 [582], LacknerMMWW23 [487], ShaikhK23 [727], WinterMMW22 [829], PopovicCGNC22 [663], AbreuN22 [222], MengGRZSC22 [564], FarsiTM22 [278], OujanaAYB22 [635], YuraszeckMPV22 [847], MullerMKP22 [587], SvancaraB22 [753], HubnerGSV21 [418], BenderWS21 [111], GeibingerMM21 [313], BadicaBI20 [53], BarzegaranZP20 [81], WallaceY20 [818], ZouZ20 [872], Polo-MejiaALB20 [662], AntuoriHHEN20 [29], FachiniA20 [270], WikarekS19 [828]... (Total: 90)	LiLZDZW24 [501], ZhuSZW23 [869], TardivoDFMP23 [761], PerezGSL23 [649], GuoZ23 [353], abs-2306-05747 [763], MarliereSPR23 [554], NaderiRR23 [601], TasselGS23 [762], EfthymiouY23 [254], abs-2312-13682 [650], Mehdizadeh-Somarin23 [559], ZhangBB22 [860], Teppan22 [765], ZhangJZL22 [859], EmdeZD22 [260], ArmstrongGOS22 [37], abs-2102-08778 [206], ZhangYW21 [861], FanXG21 [277], HamPK21 [362], AntuoriHHEN21 [30], MengLZB21 [565], AbreuAPNM21 [221], LacknerMMWW21 [486], AstrandJZ20 [51], SacramentoSP20 [701], BenediktMH20 [113], HauderBRPA20 [374]... (Total: 140)

Table 11: Works for Concepts of Type Concepts

Type	Keyword	High	Medium	Low
Concepts	temporal constraint reasoning			BartakSR10 [76], KeriK07 [448], FortinZDF05 [287]
Concepts	transportation	LuZZYW24 [533], MarliereSPR23 [554], CzerniachowskaWZ23 [211], GuoZ23 [353], PohlAK22 [660], ArmstrongGOS22 [37], EmdeZD22 [260], GeitzGSSW22 [314], BourreauGGLT22 [154], Lemos21 [495], KletzanderMH21 [457], ArmstrongGOS21 [36], ThomasKS20 [772], QinDCS20 [673], Lunardi20 [537], FachiniA20 [270], SacramentoSP20 [701], KletzanderM20 [456], TanZWGQ19 [758], MurinR19 [588], Hooker19 [410], SunTB19 [749], UnsalO19 [793], CappartTSR18 [172], Ham18 [363], PourDERB18 [664], TangLWSK18 [760], QinDS16 [674], Froger16 [295]... (Total: 46)	FalqueALM24 [276], AfsarVPG23 [11], NaderiRR23 [601], AbreuPNF23 [4], KimCMLLP23 [451], Fatemi-AnarakiTFV23 [279], GokPTGO23 [329], NaderiBZ23 [598], MengGRZSC22 [564], ElciOH22 [255], AbreuN22 [222], SubulanC22 [748], PopovicCGNC22 [663], NaderiBZ22 [597], Astrand21 [48], Godet21a [325], AbohashimaEG21 [3], FallahiAC20 [275], MengZRZL20 [566], MejiaY20 [560], ZarandiASC20 [852], LaborieRSV18 [484], GedikKBR17 [309], EvenSH15 [268], MelgarejoLS15 [15], HarjunkoskiMBC14 [370], RendlPHPR12 [682], Malapert11 [545], MakMS10 [544]... (Total: 37)	LiLZDZW24 [501], NaderiBZR23 [596], AalianPG23 [1], PerezGSL23 [649], AlfieriGPS23 [23], ZhuSZW23 [869], WangB23 [821], MontemanniD23a [581], Adelgren2023 [10], IsikYA23 [422], AbreuNP23 [223], abs-2312-13682 [650], NaderiBZ22a [595], abs-2211-14492 [750], BoudreaultSLQ22 [152], ZhangJZL22 [859], YuraszeckMPV22 [847], YunusogluY22 [845], LiFJZLL22 [502], ColT22 [213], AntuoriHHEN21 [30], MengLZB21 [565], HubnerGSV21 [418], Bedhief21 [100], Groleaz21 [344], AntunesABD20 [28], WallaceY20 [818], HauderBRPA20 [374], CauwelaertDS20 [187]... (Total: 110)
Concepts	two-machine scheduling			AbreuNP23 [223]
Concepts	two-stage scheduling			Astrand21 [48], QinWSLS21 [672], ZarandiASC20 [852], ZouZ20 [872], TangB20 [759], TanZWGQ19 [758]
Concepts	unavailability	Lemos21 [495], Astrand21 [48], Lunardi20 [537], LunardiBLRV20 [536], ZhangW18 [862], Froger16 [295], BajestaniB15 [57], UnsalO13 [792], AkkerDH07 [797], KhemmoudjPB06 [450]	Mehdizadeh-Somarin23 [559], PenzDN23 [648], TouatBT22 [779], KovacsTKSG21 [472], SerraNM12 [726], LorigeonBB02 [530]	WangB23 [821], PovedaAA23 [665], ShaikhK23 [727], abs-2305-19888 [388], GuoZ23 [353], HeinzNVH22 [387], YunusogluY22 [845], PandeyS21a [640], FanXG21 [277], WangB20 [820], AstrandJZ20 [51], KreterSSZ18 [475], ArbaouiY18 [33], KreterSS17 [474], TranVNB17 [786], BurtLPS15 [164], KreterSS15 [473], GoelSHFS15 [327], NovasH14 [618], HarjunkoskiMBC14 [370], ArtiguesLH13 [45], GuyonLPR12 [355], NovasH10 [616], FoxS90 [289]

7.2 Concept Type Classification

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	2BPHFSP	TangB20 [759]		
Classification	BPCTOP	KelarevaTK13 [446]		
Classification	Bulk Port Cargo Throughput Optimisation Problem			KelarevaTK13 [446]
Classification	CECSP	NattafHKAL19 [607], NattafAL17 [604], Nattaf16 [602], NattafALR16 [605], NattafAL15 [603], ArtiguesL14 [44]		
Classification	CHSP	EfthymiouY23 [254], WallaceY20 [818]		
Classification	CTW	KoehlerBFFHPSSS21 [458]	Lombardi10 [517]	
Classification	CuSP	KameugneFND23 [441], FetgoD22 [281], CarlierPSJ20 [175], Tesch18 [769], KameugneFGOQ18 [440], Tesch16 [768], NattafALR16 [605], Nattaf16 [602], Froger16 [295], NattafAL15 [603], Derrien15 [233], KameugneFSN14 [444], ArtiguesL14 [44], Kameugne14 [438], DerrienPZ14 [235], ArtiguesLH13 [45], KameugneFSN11 [443], SchuttW10 [723], Demassey03 [230], BaptistePN99 [64]	Fahimi16 [271], GingrasQ16 [322], OuelletQ13 [632], Elkhyari03 [257]	TardivoDFMP23 [761], HanenKP21 [367], Zahout21 [849], DerrienP14 [234]
Classification	EOSP		SquillaciPR23 [746]	
Classification	Earth Observation Scheduling Problem		SquillaciPR23 [746]	
Classification	FJS	JuvinHL23a [436], YuraszeckMCCR23 [848], WangB23 [821], MengGRZSC22 [564], JuvinHL22 [434], MullerMKP22 [587], Teppan22 [765], HamPK21 [362], HamP21 [361], MengLZB21 [565], MengZRZL20 [566], WangB20 [820], Lunardi20 [537], LunardiBLRV20 [536], ZarandiASC20 [852], Novas19 [615], MossigeGSMC17 [584], HamC16 [364]	OujanaAYB22 [635], HauderBRPA20 [374], abs-1902-09244 [373], ZhangW18 [862], SchuttFS13 [716]	NaderiRR23 [601], ColT22 [213], ZhouGL15 [867]
Classification	Fixed Job Scheduling	WangB20 [820]	WangB23 [821]	
Classification	GCSP	Groleaz21 [344], GroleazNS20 [346]		
Classification	HFF	ArmstrongGOS22 [37], OujanaAYB22 [635], ArmstrongGOS21 [36], FachiniA20 [270], ZhouGL15 [867]		
Classification	HFFTT	ArmstrongGOS22 [37], ArmstrongGOS21 [36]		
Classification	HFS	IsikYA23 [422], MengGRZSC22 [564], ZhangJZL22 [859], ArmstrongGOS21 [36], MengLZB21 [565], Astrand21 [48], Bedhief21 [100], TangB20 [759], MengZRZL20 [566], Baptiste02 [60]		ArmstrongGOS22 [37], ZarandiASC20 [852], Novas19 [615], ZhouGL15 [867]
Classification	JSPT		MurinR19 [588]	

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	JSSP	JuvinHL23a [436], JuvinHHL23 [433], abs-2306-05747 [763], TasselGS23 [762], YuraszeckMC23 [846], YuraszeckMCCR23 [848], JuvinHL22 [434], Teppan22 [765], GeitzGSSW22 [314], ColT22 [213], YuraszeckMPV22 [847], Godet21a [325], abs-2102-08778 [206], ZarandiASC20 [852], ColT19 [207], Pralet17 [666], MenciaSV13 [563], MenciaSV12 [562], KelbelH11 [447], BidotVLB09 [124], GodardLN05 [324], Baptiste02 [60], CestaOS00 [190], SourdN00 [745], TorresL00 [778], PapaB98 [644], NuijtenP98 [622], NuijtenA96 [621], NuijtenA94 [620]	GalleguillosKSB19 [299], LombardiBM15 [518], SialaAH15 [733], BelhadjiI98 [110]	EfthymiouY23 [254], Mehdizadeh-Somarin23 [559], CzerniachowskaWZ23 [211], WikarekS19 [828], PraletLJ15 [667], GrimesH15 [341], BajestaniB11 [55], ChenGPSH10 [192], MercierH07 [568]
Classification	KRFP	KamarainenS02 [437], SakkoutW00 [706]		
Classification	LSFRP	KelarevaTK13 [446]		
Classification	Liner Shipping Fleet Repositioning Problem		KelarevaTK13 [446]	
Classification	MGAP	Darby-DowmanLMZ97 [217]		
Classification	OSP	Bit-Monnot23 [126], NaderiRR23 [601], LacknerMMWW23 [487], LacknerMMWW21 [486], Groleaz21 [344], GombolayWS18 [334], GrimesH15 [341], GayHLS15 [304], Siala15a [732], Siala15 [731], MalapertCGJLR12 [546]	SquillaciPR23 [746], GrimesHM09 [342], MonetteDD07 [579]	MengZRZL20 [566], Dorndorf2000 [247]
Classification	OSSP	YuraszeckMC23 [846], AbreuNP23 [223], AbreuPNF23 [4], AbreuN22 [222], YuraszeckMPV22 [847], ColT22 [213], AbreuAPNM21 [221], RoshanaeiN21 [697], MejiaY20 [560], Baptiste02 [60]		YuraszeckMCCR23 [848], ZarandiASC20 [852]
Classification	Open Shop Scheduling Problem	AbreuPNF23 [4], AbreuNP23 [223], AbreuN22 [222], AbreuAPNM21 [221], ZarandiASC20 [852], MejiaY20 [560]	Malapert11 [545], LorigeonBB02 [530], Dorndorf2000 [247]	PrataAN23 [668], NaderiRR23 [601], YuraszeckMCCR23 [848], Bit-Monnot23 [126], YuraszeckMPV22 [847], ColT22 [213], Groleaz21 [344], MengZRZL20 [566], SacramentoSP20 [701], HookerH17 [414], GrimesH15 [341], MalapertCGJLR13 [547], MalapertCGJLR12 [546], Schutt11 [713], GrimesH10 [339], OhrimenkoSC09 [628], GrimesHM09 [342], MonetteDD07 [579], JussienL02 [432], Baptiste02 [60], VerfaillieL01 [802]
Classification	PJSSP	Baptiste02 [60]	PapaB98 [644]	
Classification	PMSP	NaderiRR23 [601], YunusogluY22 [845], WinterMMW22 [829], PandeyS21a [640], Godet21a [325], GodetLHS20 [326], MalapertN19 [549], GedikKEK18 [308], GomesM17 [336], TranAB16 [781], TranB12 [782]	VlkHT21 [814], NattafM20 [608], ArtiguesLH13 [45]	OujanaAYB22 [635], ColT22 [213], MengGRZSC22 [564], ZarandiASC20 [852]
Classification	PTC	NattafM20 [608], MalapertN19 [549], NattafDYW19 [606]	NaderiRR23 [601]	CzerniachowskaWZ23 [211], Teppan22 [765], ColT2019a [212], Dejemeppe16 [227]
Classification	Partial Order Schedule	PolicellaWSO05 [661]	LombardiBM15 [518], BonfiettiLM14 [143]	Bit-Monnot23 [126], Astrand21 [48], Astrand0F21 [49], CappartTSR18 [172], BonfiettiLBM14 [141], LaborieR14 [485], GaySS14 [307], LombardiM12 [524], LombardiM12a [523], LombardiM10 [522], CarchraeBF05 [174]
Classification	RCMPSP	HauderBRPA20 [374], abs-1902-09244 [373]		ArtiguesR00 [46]

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	RCPSP	YuraszeckMCCR23 [848], GokPTGO23 [329], PovedaAA23 [665], CampeauG22 [170], EtminaniesfahaniGNMS22 [267], SubulanC22 [748], BoudreaultSLQ22 [152], FetgoD22 [281], GeibingerMM21 [313], BenderWS21 [111], Zahout21 [849], Groleaz21 [344], HubnerGSV21 [418], Godet21a [325], HillTV21 [396], ArtiguesHQT21 [43], HauderBRPA20 [374], Polo-MejiaALB20 [662], ZarandiASC20 [852], GokGSTO20 [328], GeibingerMM19 [312], abs-1911-04766 [311], Caballero19 [166], abs-1902-09244 [373], ArkhipovBL19 [35], KreterSSZ18 [475], LaborieRSV18 [484], TangLWSK18 [760], KameugneFGOQ18 [440]... (Total: 72)	KameugneFND23 [441], Caballero23 [167], TardivoDFMP23 [761], KovacsTKSG21 [472], GroleazNS20a [345], CarlierPSJ20 [175], CauwelaertLS18 [186], BaptisteB18 [62], Tesch18 [769], Dejemeppe16 [227], LombardiBM15 [518], NattafAL15 [603], GayHLS15 [304], KameugneFSN14 [444], ArtiguesL14 [44], LaborieR14 [485], LombardiM13 [525], LombardiMB13 [526], KameugneFSN11 [443], HeinzS11 [385], abs-1009-0347 [718], KeriK07 [448], KovacsV06 [471], HeipckeCCS00 [389], ArtiguesR00 [46]	AbreuPNF23 [4], NaderiRR23 [601], TouatBT22 [779], GeitzGSSW22 [314], HanenKP21 [367], Astrand21 [48], ZhangYW21 [861], Lemos21 [495], Mercier-AubinGQ20 [569], NattafHKAL19 [607], WikarekS19 [828], OuelletQ18 [633], FahimiOQ18 [272], HookerH17 [414], BonfiettiZLM16 [145], GingrasQ16 [322], Tesch16 [768], NattafALR16 [605], Fahimi16 [271], RiiseML16 [684], CauwelaertLS15 [185], GayHS15a [306], Siala15 [731], Siala15a [732], SialaAH15 [733], DerrienPZ14 [235], BonfiettiLBM14 [141], KoschB14 [463], BonfiettiLM14 [143]... (Total: 48)
Classification	RCPSPDC			CampeauG22 [170], HubnerGSV21 [418]
Classification	RTMP	MarliereSPR23 [554]		
Classification	Resource-constrained Project Scheduling Problem	PovedaAA23 [665], EtminaniesfahaniGNMS22 [267], SubulanC22 [748], BoudreaultSLQ22 [152], Godet21a [325], HillTV21 [396], ZarandiASC20 [852], abs-1902-09244 [373], Caballero19 [166], SchnellH15 [711], HeinzSB13 [386], LombardiM12 [524], SchuttFSW11 [719], Schutt11 [713], Lombardi10 [517], DemasseyAM05 [231], Demassey03 [230]	KameugneFND23 [441], YuraszeckMCCR23 [848], Astrand21 [48], Groleaz21 [344], HubnerGSV21 [418], GokGSTO20 [328], Polo-MejiaALB20 [662], HauderBRPA20 [374], ArkhipovBL19 [35], NattafHKAL19 [607], KameugneFGOQ18 [440], SchnellH17 [712], BofillCSV17 [135], YoungFS17 [843], AmadiniGM16 [25], SchuttS16 [722], Nattaf16 [602], SzerediS16 [754], VilimLS15 [812], Kameugne14 [438], SchuttFSW13 [720], SchuttFS13a [715], GuSS13 [349], GuSW12 [351], LombardiM12a [523], SchuttCSW12 [714], abs-1009-0347 [718], LiessM08 [503], BeckW07 [99]... (Total: 35)	abs-2402-00459 [610], LuZZYW24 [533], NaderiRR23 [601], Caballero23 [167], GokPTGO23 [329], CampeauG22 [170], FetgoD22 [281], MullerMKP22 [587], HanenKP21 [367], ArtiguesHQT21 [43], ZhangYW21 [861], GeibingerMM21 [313], GroleazNS20a [345], GroleazNS20 [346], SacramentoSP20 [701], AstrandJZ20 [51], BadicaBI20 [53], GalleguillosKSB19 [299], abs-1911-04766 [311], GeibingerMM19 [312], Tesch18 [769], LaborieRSV18 [484], KreterSSZ18 [475], AgussurjaKL18 [16], FahimiOQ18 [272], GombolayWS18 [334], BaptisteB18 [62], CauwelaertLS18 [186], KreterSS17 [474]... (Total: 68)
Classification	Resource-constrained Project Scheduling Problem with Discounted Cashflow			ZarandiASC20 [852]
Classification	SBSFMMAL	OzturkTHO13 [638], OzturkTHO10 [637]	OzturkTHO15 [639]	
Classification	SCC	KimCMLLP23 [451], WolinskiKG04 [836]	SchuttFSW13 [720], Lombardi10 [517], abs-1009-0347 [718]	PohlAK22 [660], Zahout21 [849], TanZWGQ19 [758], LombardiMB13 [526], BeniniLMR11 [119], SchausHMCMD11 [709], LombardiMRB10 [527], BeniniLMR08 [118], BeniniLMMR08 [117]
Classification	TCSP	BelhadjiI98 [110]	CestaOS00 [190]	Zahout21 [849], LombardiM10a [521], Lombardi10 [517], BartakSR10 [76], Demassey03 [230]
Classification	TMS	PopovicCGNC22 [663], Froger16 [295], ChunS14 [196], Junker00 [431], Hamscher91 [366]	BegB13 [101]	CappartS17 [171], Siala15a [732], Siala15 [731], JussienL02 [432], ChunCTY99 [195], MorgadoM97 [583]
Classification	Temporal Constraint Satisfaction Problem		BelhadjiI98 [110]	BartakSR10 [76], MoffittPP05 [577], Elkhyari03 [257]

Table 12: Works for Concepts of Type Classification

Type	Keyword	High	Medium	Low
Classification	parallel machine	PrataAN23 [668], abs-2305-19888 [388], IsikYA23 [422], NaderiRR23 [601], Adelgren2023 [10], CzerniachowskaWZ23 [211], ZhangJZL22 [859], WinterMMW22 [829], MengGRZSC22 [564], YunusogluY22 [845], HeinzNVH22 [387], OujanaAYB22 [635], MengLZB21 [565], Astrand21 [48], Groleaz21 [344], PandeyS21a [640], Godet21a [325], ZarandiASC20 [852], MengZRZL20 [566], Lunardi20 [537], GodetLHS20 [326], NattafM20 [608], NattafDYW19 [606], MalapertN19 [549], GedikKEK18 [308], TanT18 [756], GokgurHO18 [330], ArbaouiY18 [33], GomesM17 [336]... (Total: 38)	NaderiBZ23 [598], PenzDN23 [648], Fatemi-AnarakiTFV23 [279], AbreuPNF23 [4], JuvinHL23a [436], AbreuNP23 [223], NaderiBZ22 [597], Teppan22 [765], EmdeZD22 [260], ColT22 [213], Bedhief21 [100], Zahout21 [849], MokhtarzadehTNF20 [578], SacramentoSP20 [701], MejiaY20 [560], ParkUJR19 [645], Novas19 [615], BogaerdtW19 [798], Ham18a [357], BenediktSMVH18 [114], RoshanaeiLAU17 [695], CatusseCBL16 [183], QinDS16 [674], ZhouGL15 [867], TerekhovTDB14 [767], BajestaniB13 [56], TranTDB13 [785], GuyonLPR12 [355], KovacsB11 [467]... (Total: 32)	GuoZ23 [353], NaderiBZR23 [596], LacknerMMWW23 [487], Mehdizadeh-Somarin23 [559], AlfieriGPS23 [23], KimCMLLP23 [451], JuvinHHL23 [433], JuvinHL22 [434], ArmstrongGOS22 [37], OrnekOS20 [631], NaderiBZ22a [595], AwadMDMT22 [52], EtminaniesfahaniGNMS22 [267], HanenKP21 [367], AbohashimaEG21 [3], LacknerMMWW21 [486], FanXG21 [277], AbreuAPNM21 [221], HamPK21 [362], RoshanaeiN21 [697], Ham20a [358], RoshanaeiBAUB20 [694], GroleazNS20a [345], QinDCS20 [673], AstrandJZ20 [51], NishikawaSTT19 [613], UnsalO19 [793], ArkhipovBL19 [35], Hooker19 [410]... (Total: 64)
Classification	psplib	TardivoDFMP23 [761], Caballero19 [166], ArkhipovBL19 [35], KreterSSZ18 [475], OuelletQ18 [633], GayHS15a [306], LetortCB15 [499], Derrien15 [233], KameugneFSN14 [444], DerrienP14 [234], Kameugne14 [438], SchuttFSW13 [720], SchuttFS13a [715], HeinzSB13 [386], Letort13 [496], Clercq12 [224], SchuttFSW11 [719], Schutt11 [713], BertholdHLMS10 [122], SchuttFSW09 [717], Demassey03 [230]	KameugneFND23 [441], BoudreaultSLQ22 [152], EtminaniesfahaniGNMS22 [267], HillTV21 [396], BadicaBI20 [53], BaptisteB18 [62], Tesch18 [769], FahimiOQ18 [272], SchnellH17 [712], GingrasQ16 [322], Nattaf16 [602], SzerediS16 [754], Tesch16 [768], GayHLS15 [304], VilimLS15 [812], LombardiBM15 [518], BonfiettiLM14 [143], LetortCB13 [498], LetortBC12 [497], LombardiM12a [523], HeinzS11 [385], Vilim11 [809], abs-1009-0347 [718], SchuttW10 [723], BruckerK00 [161]	Godet21a [325], LaborieRSV18 [484], CauwelaertLS18 [186], YoungFS17 [843], Pralet17 [666], BofillCSV17 [135], Dejemeppe16 [227], SchnellH15 [711], CauwelaertLS15 [185], ThiruvadyWGS14 [771], LombardiM13 [525], OuelletQ13 [632], LombardiM12 [524], KameugneFSN11 [443], LiessM08 [503], FortinZDF05 [287], DemasseyAM05 [231], PolicellaWSO05 [661], ElkhyariGJ02a [259]
Classification	rtRTMP	MarliereSPR23 [554]		
Classification	single machine	BonninMNE24 [146], PrataAN23 [668], AlfieriGPS23 [23], LacknerMMWW23 [487], PenzDN23 [648], TouatBT22 [779], HamPK21 [362], Groleaz21 [344], BenediktMH20 [113], ZarandiASC20 [852], BogaerdtW19 [798], BajestaniB15 [57], BajestaniB13 [56], TerekhovDOB12 [766], KovacsB11 [467], WuBB09 [838], ThiruvadyBME09 [770], KovacsB07 [465], SadykovW06 [704], KanetAG04 [445], Elkhyari03 [257], Baptiste02 [60], BosiM2001 [150], SourdN00 [745], BlazewiczDP96 [165]	NaderiBZ23 [598], ZhangBB22 [860], NaderiBZ22 [597], ElciOH22 [255], EmdeZD22 [260], YuraszeckMPV22 [847], Bedhief21 [100], LacknerMMWW21 [486], Zahout21 [849], KoehlerBFFHPSSS21 [458], PandeyS21a [640], Astrand21 [48], HillTV21 [396], AbreuAPNM21 [221], NattafM20 [608], Lunardi20 [537], TanT18 [756], BenediktSMVH18 [114], Tesch18 [769], TranPZLDB18 [784], GomesM17 [336], TranAB16 [781], LaborieR14 [485], KoschB14 [463], TranB12 [782], BillautHL12 [125], KovacsK11 [469], Malapert11 [545], Beck10 [85]... (Total: 38)	abs-2402-00459 [610], LuZZYW24 [533], IsikYA23 [422], Fatemi-AnarakiTFV23 [279], NaderiRR23 [601], JuvinHL23a [436], Mehdizadeh-Somarin23 [559], GeitzGSSW22 [314], JuvinHL22 [434], ZhangJZL22 [859], ColT22 [213], PohlAK22 [660], AbreuN22 [222], abs-2211-14492 [750], LiFJZLL22 [502], FanXG21 [277], Godet21a [325], QinWSLS21 [672], KovacsTKSG21 [472], GodetLHS20 [326], TangB20 [759], ParkUJR19 [645], NattafDYW19 [606], NattafHKAL19 [607], Hooker19 [410], Tom19 [775], HoundjiSW19 [416], MalapertN19 [549], ArbaouiY18 [33]... (Total: 97)

7.3 Concept Type Constraints

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	AllDiff constraint	WangB20 [820]		Godet21a [325], FahimiOQ18 [272], Fahimi16 [271], Lombardi10 [517]
Constraints	AllDiffPrec constraint	Godet21a [325]		JuvinHHL23 [433]
Constraints	AlwaysConstant		LuoB22 [539], LaborieRSV18 [484]	
Constraints	Among constraint	Siala15a [732], Siala15 [731], BeldiceanuC94 [108]	Simonis07 [739], BosiM2001 [150]	German18 [317], HookerH17 [414], Refalo00 [680], Simonis95 [737], AggounB93 [12]
Constraints	AmongSeq constraint		Siala15 [731], Siala15a [732]	
Constraints	Arithmetic constraint		ColT22 [213]	BadicaBI20 [53], Caballero19 [166], BadicaBIL19 [54], LaborieRSV18 [484], Schutt11 [713], OhrimenkoSC09 [628], Kuchcinski03 [477], Baptiste02 [60], ElkhyariGJ02a [259], Thorsteinsson01 [773], Refalo00 [680], SakkoutW00 [706], AbdennadherS99 [2], FalaschiGMP97 [274], BeldiceanuC94 [108], AggounB93 [12]
Constraints	AtMostSeq	Siala15a [732], Siala15 [731]		
Constraints	AtMostSeqCard	Siala15 [731], Siala15a [732]		
Constraints	Atmost constraint	Siala15a [732], Siala15 [731]		Simonis07 [739], BeldiceanuC94 [108]
Constraints	Balance constraint	RoePS05 [693], Laborie03 [481]	Timpe02 [774], Muscettola02 [593]	GuoZ23 [353], PopovicCGNC22 [663], German18 [317], SchuttS16 [722], Siala15 [731], Siala15a [732], GrimesH15 [341], Kameugne14 [438], DerrienPZ14 [235], TerekhovDOB12 [766], Lombardi10 [517], GrimesHM09 [342], LombardiM09 [520], BeckW07 [99], BeckW05 [98], MaraveliasCG04 [552]
Constraints	BinPacking constraint			Godet21a [325], AntunesABD18 [27]
Constraints	Blocking constraint	AbreuNP23 [223], RiahiNS018 [683]		IsikYA23 [422], LiFJZLL22 [502], MengZRZL20 [566], RodriguezS09 [692], Rodriguez07b [690], Rodriguez07 [689]
Constraints	BufferedResource	BessiereHMQW14 [123]		
Constraints	Calendar constraint	KreterSSZ18 [475], KreterSS17 [474]	KreterSS15 [473]	PovedaAA23 [665], IsikYA23 [422], Polo-MejiaALB20 [662], LaborieRSV18 [484]
Constraints	CardPath			Siala15a [732], Siala15 [731]
Constraints	Cardinality constraint	Caballero19 [166], Dejemeppe16 [227], Siala15 [731], Siala15a [732], SchausHMCMD11 [709], Malik08 [550]	OuelletQ22 [634], HoundjiSW19 [416], German18 [317], MusliuSS18 [594], HookerH17 [414], Fahimi16 [271], BofillGSV15 [137], HoundjiSWD14 [417], ChuGNSW13 [193], HachemiGR11 [356], MilanoW09 [574], MalikMB08 [551], Simonis07 [739], MilanoW06 [573], Gronkvist06 [347]	Godet21a [325], Lemos21 [495], GeibingerKKMMW21 [310], CauwelaertDS20 [187], TangB20 [759], abs-1911-04766 [311], TranVNB17 [786], PesantRR15 [653], DoulabiRP14 [248], BessiereHMQW14 [123], BajestaniB13 [56], LimtanyakulS12 [510], Menana11 [561], BajestaniB11 [55], ClercqPBJ11 [202], KovacsB11 [467], abs-0907-0939 [655], OhrimenkoSC09 [628], KovacsB08 [466], CambazardHDJT04 [168], BourdaisGP03 [153], Baptiste02 [60], Refalo00 [680], HookerOTK00 [413], BeckF00 [94], AbdennadherS99 [2], PapaB98 [644], WeilHFP95 [826], AggounB93 [12]
Constraints	Channeling constraint	OzturkTHO13 [638], Wallace06 [817]	KoehlerBFFHPSSS21 [458], BofillEGPSV14 [136], HeinzB12 [382]	WangB23 [821], AntuoriHHEN20 [29], LiuLH19 [512], GokgurHO18 [330], BofillGSV15 [137], HeinzKB13 [383], KovacsB11 [467], WuBB09 [838], MilanoW09 [574], MouraSCL08 [586], MouraSCL08a [585], GarganiR07 [301], MilanoW06 [573], CambazardHDJT04 [168]
Constraints	Completion constraint	KovacsB11 [467], KovacsB08 [466], KovacsB07 [465]	BonninMNE24 [146]	HeckmanB11 [381]
Constraints	CumulativeCost	SimonisH11 [742]		

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	Cumulatives constraint	BeldiceanuC02 [105]	MossigeGSMC17 [584], Madi-WambaLOBM17 [543]	KameugneFND23 [441], TardivoDFMP23 [761], OuelletQ22 [634], BoudreaultSLQ22 [152], ArkhipovBL19 [35], OuelletQ18 [633], FahimiOQ18 [272], Fahimi16 [271], SchuttS16 [722], Dejemeppe16 [227], GayHS15a [306], LetortCB15 [499], GayHS15 [305], CauwelaertLS15 [185], Kameugne14 [438], DerrienPZ14 [235], Letort13 [496], OuelletQ13 [632], Clercq12 [224], LetortBC12 [497], SimonisH11 [742], ClercqPBJ11 [202], Malapert11 [545], Wolf11 [832], MilanoW09 [574], abs-0907-0939 [655], Simonis07 [739], MilanoW06 [573]
Constraints	Diff2 constraint	Kuchcinski03 [477]		WolinskiKG04 [836], KuchcinskiW03 [478]
Constraints	Disjunctive constraint	KoehlerBFFHPSSS21 [458], Godet21a [325], GrimesH15 [341], Malapert11 [545], RoePS05 [693], Baptiste02 [60], Dorndorf2000 [247], SourdN00 [745], HookerO99 [411], RodosekWH99 [688], PapaB98 [644], RodosekW98 [687], Zhou97 [866], DincbasSH90 [241]	BonninMNE24 [146], JuvinHHL23 [433], NaderiRR23 [601], BourreauGGLT22 [154], GodetLHS20 [326], GokgurHO18 [330], KuB16 [476], Fahimi16 [271], Siala15a [732], MelgarejoLS15 [15], Siala15 [731], SialaAH15 [733], SchuttFS13 [716], OzturkTHO13 [638], GrimesH11 [340], LombardiM10a [521], Lombardi10 [517], BartakSR10 [76], GrimesH10 [339], GrimesHM09 [342], BartakSR08 [80], ArtiguesBF04 [40], KanetAG04 [445], Kuchcinski03 [477], Laborie03 [481], ElkhyariGJ02a [259], SchildW00 [710], FocacciLN00 [283], SakkoutW00 [706]... (Total: 34)	abs-2402-00459 [610], KameugneFND23 [441], Bit-Monnot23 [126], MarliereSPR23 [554], JuvinHL23a [436], NaderiBZ23 [598], NaderiBZ22a [595], KotaryFH22 [464], JuvinHL22 [434], ZhangBB22 [860], abs-2211-14492 [750], BoudreaultSLQ22 [152], YuraszeckMPV22 [847], NaderiBZ22 [597], Groleaz21 [344], Astrand21 [48], Astrand0F21 [49], WallaceY20 [818], Polo-MejiaALB20 [662], MejiaY20 [560], AstrandJZ20 [51], German18 [317], TanT18 [756], FahimiOQ18 [272], LaborieRSV18 [484], KameugneFGOQ18 [440], DemirovicS18 [232], OrnekO16 [630], BoothTNB16 [148]... (Total: 81)
Constraints	Element constraint	Dejemeppe16 [227], HookerOTK00 [413]	KreterSS17 [474], Wolf11 [832], Kuchcinski03 [477], Darby-DowmanLMZ97 [217]	LacknerMMWW23 [487], LuoB22 [539], Godet21a [325], LacknerMMWW21 [486], TangB20 [759], AntuoriHHEN20 [29], KreterSSZ18 [475], LiuCGM17 [515], Madi-WambaLOBM17 [543], SzerediS16 [754], OrnekO16 [630], DoulabiRP16 [249], KreterSS15 [473], HoundjiSWD14 [417], BessiereHMQW14 [123], DoulabiRP14 [248], OzturkTHO12 [636], SimonisH11 [742], SchausHMCMD11 [709], Malapert11 [545], Schutt11 [713], MouraSCL08 [586], SchausD08 [708], GarganiR07 [301], CambazardHDJT04 [168], Refalo00 [680], BeldiceanuC94 [108]
Constraints	Flowtime constraint	BonninMNE24 [146]		
Constraints	GCC constraint	HoundjiSW19 [416], Dejemeppe16 [227], HoundjiSWD14 [417]	SchausHMCMD11 [709]	OuelletQ22 [634], TangB20 [759], CauwelaertLS18 [186], Siala15 [731], Siala15a [732], CauwelaertLS15 [185], BajestaniB13 [56], HachemiGR11 [356], MilanoW09 [574], Simonis07 [739], Gronkvist06 [347], MilanoW06 [573]
Constraints	GeneralizedAllDiffPrec	Godet21a [325]		
Constraints	IloAlternative			HeinzB12 [382]
Constraints	IloAlwaysIn			KreterSS17 [474], BajestaniB13 [56]
Constraints	IloForbidEnd			KreterSS17 [474]
Constraints	IloNoOverlap			GrimesH15 [341]
Constraints	IloPack		SchausD08 [708]	
Constraints	IloPulse			KreterSS17 [474], BajestaniB13 [56]
Constraints	MinWeightAllDiff	WangB20 [820]		WangB23 [821]
Constraints	MultiAtMostSeqCard	Siala15 [731], Siala15a [732]		
Constraints	PreemptiveNoOverlap	JuvinHHL23 [433]		
Constraints	Pulse constraint			PandeyS21a [640], GeibingerMM19 [312], ArbaouiY18 [33], KreterSS17 [474]
Constraints	Regular constraint	MusliuSS18 [594], Siala15 [731], Siala15a [732], PesantRR15 [653]	HookerH17 [414], Dejemeppe16 [227]	FrimodigS19 [294], PraletLJ15 [667], KovacsB11 [467], Menana11 [561], KovacsB08 [466]

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	Reified constraint	Schutt11 [713], MilanoW09 [574], Kuchcinski03 [477]	KovacsK11 [469], MilanoW06 [573]	Astrand21 [48], BadicaBI20 [53], LaborieRSV18 [484], CauwelaertLS18 [186], KreterSS17 [474], Dejemeppe16 [227], Siala15 [731], Siala15a [732], SchuttFSW13 [720], OhrimenkoSC09 [628], SchausD08 [708], SchildW00 [710]
Constraints	RelSoftCumulative	abs-0907-0939 [655]		
Constraints	RelSoftCumulativeSum			abs-0907-0939 [655]
Constraints	SoftCumulative	Clercq12 [224], ClercqPBJ11 [202], abs-0907-0939 [655]	OuelletQ22 [634]	
Constraints	SoftCumulativeSum	Clercq12 [224], abs-0907-0939 [655]		ClercqPBJ11 [202]
Constraints	TaskIntersection constraint	Madi-WambaB16 [542]		
Constraints	UTVPI constraint	Schutt11 [713]		
Constraints	WeightAllDiff	WangB20 [820]		WangB23 [821]
Constraints	WeightedSum	Wolf09 [835]		
Constraints	WeightedTaskSum	Wolf09 [835]		
Constraints	alldifferent	FalqueALM24 [276], JuvinHHL23 [433], Lemos21 [495], KoehlerBFFHPSSS21 [458], Godet21a [325], HoundjiSW19 [416], CauwelaertLS18 [186], Dejemeppe16 [227], Siala15 [731], Derrien15 [233], Siala15a [732], Clercq12 [224], Menana11 [561], Malapert11 [545], MilanoW09 [574], OhrimenkoSC09 [628], Simonis07 [739], MilanoW06 [573], KanetAG04 [445]	GodetLHS20 [326], HookerH17 [414], Fahimi16 [271], BessiereHMQW14 [123], UnsalO13 [792], KelarevaTK13 [446], TerekhovDOB12 [766], Schutt11 [713]	GokPTGO23 [329], WangB23 [821], ColT22 [213], FarsiTM22 [278], BourreauGGLT22 [154], Astrand21 [48], MokhtarzadehTNF20 [578], AntuoriHHEN20 [29], AstrandJZ20 [51], WangB20 [820], Lunardi20 [537], Caballero19 [166], FahimiOQ18 [272], Nattaf16 [602], MelgarejoLS15 [15], AlesioNBG14 [236], Letort13 [496], ChuGNSW13 [193], ClercqPBJ11 [202], HachemiGR11 [356], HermenierDL11 [393], TrojetHL11 [789], LopesCSM10 [528], Malik08 [550], Thorsteinsson01 [773], BeldiceanuC01 [104], Simonis99 [738], BeldiceanuC94 [108]
Constraints	alternative constraint	LaborieRSV18 [484]	abs-2305-19888 [388], MurinR19 [588], GokgurHO18 [330], GedikKBR17 [309], LaborieR14 [485]	ZhuSZW23 [869], MarliereSPR23 [554], LacknerMMWW23 [487], NaderiRR23 [601], SvancaraB22 [753], WinterMMW22 [829], HeinzNVH22 [387], AwadMDMT22 [52], ZhangJZL22 [859], ArmstrongGOS21 [36], PandeyS21a [640], VlkHT21 [814], HillTV21 [396], MengLZB21 [565], HubnerGSV21 [418], MengZRZL20 [566], Polo-MejiaALB20 [662], SacramentoSP20 [701], NishikawaSTT19 [613], GalleguillosKSB19 [299], EscobetPQPRA19 [264], abs-1911-04766 [311], YounespourAKE19 [842], GeibingerMM19 [312], MalapertN19 [549], NattafDYW19 [606], NishikawaSTT18 [611], Ham18a [357], NishikawaSTT18a [612]... (Total: 45)
Constraints	alwaysEqual constraint		LaborieRSV18 [484], GoelSHFS15 [327]	HamFC17 [360], HamC16 [364]
Constraints	alwaysIn	PopovicCGNC22 [663], SerraNM12 [726]	LuZZYW24 [533], AalianPG23 [1], LuoB22 [539], TangB20 [759], Polo-MejiaALB20 [662], MalapertN19 [549], LaborieRSV18 [484], GoelSHFS15 [327]	AwadMDMT22 [52], CampeauG22 [170], KreterSS17 [474], QinDS16 [674], BajestaniB13 [56]
Constraints	bin-packing	NaderiBZR23 [596], Zahout21 [849], Godet21a [325], TangB20 [759], CauwelaertLS18 [186], RoshanaeiLAU17 [695], CauwelaertLS15 [185], LetortCB15 [499], Letort13 [496], LetortCB13 [498], HeinzSSW12 [384], LetortBC12 [497], Malapert11 [545], SchausHMCMD11 [709], ClautiauxJCM08 [200], SchausD08 [708]	JuvinHL23a [436], LuoB22 [539], EmdeZD22 [260], BadicaBI20 [53], AntunesABD20 [28], FrimodigS19 [294], AntunesABD18 [27], BaptisteB18 [62], Beck10 [85], LiW08 [500], GarganiR07 [301], SchildW00 [710], SakkoutW00 [706]	abs-2402-00459 [610], Fatemi-AnarakiTFV23 [279], LacknerMMWW23 [487], GuoZ23 [353], AkramNHRSA23 [18], YunusogluY22 [845], abs-2211-14492 [750], ArmstrongGOS21 [36], RoshanaeiBAUB20 [694], GodetLHS20 [326], TranPZLDB18 [784], BukchinR18 [163], German18 [317], HookerH17 [414], HamFC17 [360], Madi-WambaLOBM17 [543], DoulabiRP16 [249], RiiseML16 [684], DoulabiRP14 [248], KoschB14 [463], LimtanyakulS12 [510], EdisO11 [251], HermenierDL11 [393], BeldiceanuCDP11 [106], ReddyFIBKAJ11 [679], Schutt11 [713], Lombardi10 [517], LombardiMRB10 [527], KovacsB08 [466]... (Total: 36)

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	circuit	MontemanniD23a [581], KlankeBYE21 [454], MokhtarzadehTNF20 [578], Mercier-AubinGQ20 [569], Caballero19 [166], HookerH17 [414], Lombardi10 [517], RuggieroBBMA09 [700], RodriguezS09 [692], AchterbergBKW08 [7], Rodriguez07b [690], Rodriguez07 [689], BeniniBGM05 [115], RodriguezDG02 [691], GruianK98 [348], Wallace96 [816], BeldiceanuC94 [108]	Groleaz21 [344], WessenCS20 [827], AntuoriHHEN20 [29], Siala15 [731], Siala15a [732], LombardiMB13 [526], TranB12 [782], Malapert11 [545], ZeballosCM10 [856], KrogtLPHJ07 [799], KuchcinskiW03 [478], HookerO03 [412], Thorsteinsson01 [773], WatsonBHW99 [824], Simonis99 [738], Simonis95a [736], DincbasSH90 [241]	PrataAN23 [668], Fatemi-AnarakiTFV23 [279], GokPTGO23 [329], IsikYA23 [422], MontemanniD23 [582], MarliereSPR23 [554], JuvinHL23a [436], ColT22 [213], MullerMKP22 [587], JungblutK22 [430], FarsiTM22 [278], JuvinHL22 [434], KoehlerBFFHPSSS21 [458], MengLZB21 [565], Astrand21 [48], Zahout21 [849], ArmstrongGOS21 [36], WallaceY20 [818], GokGSTO20 [328], GroleazNS20 [346], HoundjiSW19 [416], EscobetPQPRA19 [264], Hooker19 [410], Ham18a [357], TangLWSK18 [760], CappartTSR18 [172], CauwelaertLS18 [186], EmeretlisTAV17 [261], Hooker17 [409]... (Total: 86)
Constraints	cumulative	AalianPG23 [1], TardivoDFMP23 [761], NaderiRR23 [601], LacknerMMWW23 [487], PovedaAA23 [665], KameugneFND23 [441], IsikYA23 [422], PohlAK22 [660], AwadMDMT22 [52], ZhangJZL22 [859], LuoB22 [539], FetgoD22 [281], OuelletQ22 [634], BoudreaultSLQ22 [152], Lemos21 [495], Godet21a [325], Groleaz21 [344], LacknerMMWW21 [486], KovacsTKSG21 [472], Zahout21 [849], HanenKP21 [367], GroleazNS20a [345], CarlierPSJ20 [175], ThomasKS20 [772], Polo-MejiaALB20 [662], Mercier-AubinGQ20 [569], WallaceY20 [818], SacramentoSP20 [701], GodetLHS20 [326]... (Total: 177)	ForbesHJST24 [286], PrataAN23 [668], LuZZYW24 [533], BonninMNE24 [146], abs-2402-00459 [610], PerezGSL23 [649], EfthymiouY23 [254], abs-2312-13682 [650], GokPTGO23 [329], ElciOH22 [255], YunusogluY22 [845], GeitzGSSW22 [314], AbreuN22 [222], ColT22 [213], CampeauG22 [170], HubnerGSV21 [418], KlankeBYE21 [454], HillTV21 [396], MengLZB21 [565], NattafM20 [608], NattafHKAL19 [607], GalleguillosKSB19 [299], NishikawaSTT19 [613], GedikKEK18 [308], BorghesiBLMB18 [149], TranVNB17a [787], BonfiettiZLM16 [145], Bonfietti16 [138], HurleyOS16 [420]... (Total: 66)	GurPAE23 [354], abs-2306-05747 [763], AbreuPNF23 [4], YuraszeckMCCR23 [848], MarliereSPR23 [554], TasselGS23 [762], JuvinHL23a [436], abs-2305-19888 [388], Bit-Monnot23 [126], JuvinHHL23 [433], HeinzNVH22 [387], PopovicCGNC22 [663], HebrardALLCMR22 [376], abs-2211-14492 [750], SubulanC22 [748], JuvinHL22 [434], ArmstrongGOS22 [37], Astrand21 [48], PandeyS21a [640], KoehlerBFFHPSSS21 [458], RoshanaeiN21 [697], ArtiguesHQT21 [43], GeibingerMM21 [313], ArmstrongGOS21 [36], GokGSTO20 [328], HauderBRPA20 [374], CauwelaertDS20 [187], ZouZ20 [872], Ham20a [358]... (Total: 142)
Constraints	cycle	AalianPG23 [1], AwadMDMT22 [52], Astrand21 [48], AbohashimaEG21 [3], AntuoriHHEN21 [30], Groleaz21 [344], Astrand0F21 [49], Edis21 [250], GroleazNS20a [345], AntuoriHHEN20 [29], AstrandJZ20 [51], WallaceY20 [818], Caballero19 [166], ParkUJR19 [645], BorghesiBLMB18 [149], AstrandJZ18 [50], BukchinR18 [163], GomesM17 [336], BridiBLMB16 [158], Dejemeppe16 [227], OzturkTHO15 [639], BonfiettiLBM14 [141], BessiereHMQW14 [123], BegB13 [101], MalapertCGJLR12 [546], MenciaSV12 [562], LozanoCDS12 [532], LombardiBMB11 [519], Malapert11 [545]... (Total: 54)	EfthymiouY23 [254], CampeauG22 [170], Godet21a [325], HillTV21 [396], Lemos21 [495], KoehlerBFFHPSSS21 [458], HubnerGSV21 [418], CauwelaertDS20 [187], Lunardi20 [537], ZarandiASC20 [852], GroleazNS20 [346], ArkhipovBL19 [35], MossigeGSMC17 [584], HamFC17 [360], TranAB16 [781], Froger16 [295], SimoninAHL15 [735], BurtLPS15 [164], Siala15 [731], PraletLJ15 [667], Siala15a [732], HarjunkoskiMBC14 [370], TranTDB13 [785], SchuttFSW13 [720], SimoninAHL12 [734], BonfiettiLBM12 [140], OzturkTHO12 [636], KovacsB11 [467], BonfiettiLBM11 [139]... (Total: 53)	Bit-Monnot23 [126], AkramNHRSA23 [18], Fatemi-AnarakiTFV23 [279], MarliereSPR23 [554], GokPTGO23 [329], GuoZ23 [353], ZhangBB22 [860], BourreauGGLT22 [154], AbreuN22 [222], KotaryFH22 [464], AbreuAPNM21 [221], ArmstrongGOS21 [36], Zahout21 [849], FanXG21 [277], HamPK21 [362], Ham20a [358], HauderBRPA20 [374], FachiniA20 [270], QinDCS20 [673], BadicaBI20 [53], MokhtarzadehTNF20 [578], TangB20 [759], FallahiAC20 [275], Mercier-AubinGQ20 [569], Novas19 [615], abs-1902-09244 [373], EscobetPQPRA19 [264], KucukY19 [480], Hooker19 [410]... (Total: 114)
Constraints	diffn	ArmstrongGOS21 [36], Simonis07 [739], SimonisCK00 [740], BeldiceanuC94 [108]	BeldiceanuCDP11 [106]	LuoB22 [539], BourreauGGLT22 [154], KreterSS17 [474], KreterSS15 [473], Malapert11 [545], TrojetHL11 [789], ChenGPSH10 [192], Kuchcinski03 [477], Timpe02 [774], Simonis99 [738], GruianK98 [348], Simonis95 [737], SimonisC95 [741], Simonis95a [736]

Table 13: Works for Concepts of Type Constraints

Type	Keyword	High	Medium	Low
Constraints	disjunctive	BonninMNE24 [146], JuvinHHL23 [433], AfsarVPG23 [11], NaderiRR23 [601], Bit-Monnot23 [126], BourreauGGLT22 [154], ZhangBB22 [860], YuraszeckMPV22 [847], JuvinHL22 [434], Groleaz21 [344], Godet21a [325], KoehlerBFFHPSSS21 [458], Astrand21 [48], GodetLHS20 [326], GokgurHO18 [330], LaborieRSV18 [484], German18 [317], FahimiOQ18 [272], NattafAL17 [604], MossigeGSMC17 [584], Pralet17 [666], HookerH17 [414], KuB16 [476], FontaineMH16 [285], Fahimi16 [271], OrnekO16 [630], BoothTNB16 [148], GrimesH15 [341], GoelSHFS15 [327]... (Total: 97)	MarliereSPR23 [554], Adelgren2023 [10], JuvinHL23a [436], BoudreaultSLQ22 [152], OrnekOS20 [631], KotaryFH22 [464], Astrand0F21 [49], GeibingerMM21 [313], AstrandJZ20 [51], MejiaY20 [560], Polo-MejiaALB20 [662], SacramentoSP20 [701], RoshanaeiBAUB20 [694], UnsalO19 [793], YangSS19 [839], DemirovicS18 [232], TanT18 [756], CauwelaertLS18 [186], KameugneFGOQ18 [440], Dejemeppe16 [227], Nattaf16 [602], SimoninAHL15 [735], EvenSH15a [269], VilimLS15 [812], EvenSH15 [268], GayHS15 [305], LaborieR14 [485], KameugneFSN14 [444], GaySS14 [307]... (Total: 55)	LuZZYW24 [533], abs-2402-00459 [610], LacknerMMWW23 [487], abs-2306-05747 [763], NaderiBZ23 [598], TardivoDFMP23 [761], ZhuSZW23 [869], GokPTGO23 [329], AbreuPNF23 [4], KameugneFND23 [441], EfthymiouY23 [254], TasselGS23 [762], Fatemi-AnarakiTFV23 [279], PovedaAA23 [665], ElciOH22 [255], AwadMDMT22 [52], NaderiBZ22a [595], NaderiBZ22 [597], abs-2211-14492 [750], MullerMKP22 [587], OujanaAYB22 [635], OuelletQ22 [634], ColT22 [213], Edis21 [250], ZhangYW21 [861], KlankeBYE21 [454], CauwelaertDS20 [187], ZarandiASC20 [852], Mercier-AubinGQ20 [569]... (Total: 163)
Constraints	endBeforeStart	SubulanC22 [748], QinDCS20 [673]	IsikYA23 [422], ZhuSZW23 [869], NaderiRR23 [601], NaderiBZ22a [595], PandeyS21a [640], MengLZB21 [565], LunardiBLRV20 [536], Lunardi20 [537], MengZRZL20 [566], LaborieRSV18 [484], NovaraNH16 [614], Laborie09 [482]	JuvinHL23a [436], JuvinHHL23 [433], YuraszeckMCCR23 [848], JuvinHL23 [435], LacknerMMWW23 [487], AalianPG23 [1], CzerniachowskaWZ23 [211], Teppan22 [765], AwadMDMT22 [52], JuvinHL22 [434], CampeauG22 [170], ZhangJZL22 [859], YunusogluY22 [845], HamP21 [361], LacknerMMWW21 [486], HamPK21 [362], HubnerGSV21 [418], ZhangYW21 [861], ZouZ20 [872], SacramentoSP20 [701], Ham20a [358], Polo-MejiaALB20 [662], BenediktMH20 [113], TangB20 [759], SenderovichBB19 [725], UnsalO19 [793], MurinR19 [588], ParkUJR19 [645], abs-1911-04766 [311]... (Total: 38)
Constraints	geost	BeldiceanuCDP11 [106]	LetortBC12 [497], PembertonG98 [646]	FrankDT16 [290], Letort13 [496], Schutt11 [713], Malapert11 [545], BeldiceanuCP08 [107]
Constraints	noOverlap	IsikYA23 [422], JuvinHHL23 [433], ZhuSZW23 [869], abs-2305-19888 [388], NaderiRR23 [601], PopovicCGNC22 [663], HeinzNVH22 [387], ColT22 [213], VlkHT21 [814], MengLZB21 [565], RoshanaeiN21 [697], Groleaz21 [344], QinDCS20 [673], Lunardi20 [537], LunardiBLRV20 [536], GedikKEK18 [308], MelgarejoLS15 [15]	abs-2306-05747 [763], KimCMLLP23 [451], LacknerMMWW23 [487], TasselGS23 [762], NaderiBZ22a [595], PohlAK22 [660], AwadMDMT22 [52], YuraszeckMPV22 [847], AbreuN22 [222], SvancaraB22 [753], KlankeBYE21 [454], Bedhief21 [100], BenderWS21 [111], ZouZ20 [872], Ham20a [358], BenediktMH20 [113], SacramentoSP20 [701], RoshanaeiBAUB20 [694], MengZRZL20 [566], YounespourAKE19 [842], MurinR19 [588], EscobetPQPRA19 [264], Novas19 [615], MalapertN19 [549], abs-1911-04766 [311], LaborieRSV18 [484], Ham18a [357], ZhangW18 [862], ArbaouiY18 [33]... (Total: 40)	BonninMNE24 [146], LuZZYW24 [533], JuvinHL23a [436], AbreuNP23 [223], SquillaciPR23 [746], NaderiBZ23 [598], YuraszeckMC23 [846], AalianPG23 [1], AbreuPNF23 [4], JuvinHL23 [435], CzerniachowskaWZ23 [211], MarliereSPR23 [554], WinterMMW22 [829], Teppan22 [765], NaderiBZ22 [597], YunusogluY22 [845], CampeauG22 [170], OujanaAYB22 [635], ArmstrongGOS22 [37], TouatBT22 [779], EmdeZD22 [260], ZhangJZL22 [859], JuvinHL22 [434], OrnekOS20 [631], HamP21 [361], HamPK21 [362], AbreuAPNM21 [221], LacknerMMWW21 [486], GroleazNS20 [346]... (Total: 52)
Constraints	regular expression		FrimodigS19 [294]	HookerH17 [414]
Constraints	span constraint		Groleaz21 [344], CappartS17 [171], LaborieR14 [485], SchuttFS13 [716], Lombardi10 [517], LombardiM10a [521], Darby-DowmanLMZ97 [217]	ZhangBB22 [860], AwadMDMT22 [52], OujanaAYB22 [635], ZouZ20 [872], TangB20 [759], YounespourAKE19 [842], LaborieRSV18 [484], SimoninAHL15 [735], SimoninAHL12 [734], SchuttFSW11 [719], GetoorOFC97 [319]
Constraints	table constraint	FalqueALM24 [276], ReddyFIBKAJ11 [679], LombardiM10a [521], Lombardi10 [517], Baptiste02 [60], PapaB98 [644]	MarliereSPR23 [554], JelinekB16 [427], LombardiMRB10 [527]	PerezGSL23 [649], abs-2312-13682 [650], ArmstrongGOS21 [36], CauwelaertLS18 [186], Siala15 [731], GayHS15 [305], PesantRR15 [653], MelgarejoLS15 [15], Siala15a [732], CauwelaertLS15 [185], LimtanyakulS12 [510], BeniniLMR11 [119], BeckFW11 [90], HermenierDL11 [393], LopesCSM10 [528], MouraSCL08 [586], GodardLN05 [324], Laborie03 [481], ElkhyariGJ02 [258]

7.4 Concept Type ProgLanguages

Table 14: Works for Concepts of Type ProgLanguages

Type	Keyword	High	Medium	Low
ProgLanguages	C	KoehlerBFFHPSSS21 [458]		FalqueALM24 [276], EmdeZD22 [260], HubnerGSV21 [418], ThomasKS20 [772], FachiniA20 [270], BogaerdtW19 [798], TangLWSK18 [760], LaborieRSV18 [484], HoYCLLCLC18 [398], LombardiMRB10 [527], Lombardi10 [517], LombardiM10a [521], Laborie09 [482], GarridoOS08 [303], Layfield02 [493], BeckDDF98 [86], EskeyZ90 [265]
ProgLanguages	C++	ChunCTY99 [195], Pape94 [641]	BourreauGGLT22 [154], Demassey03 [230]	BonninMNE24 [146], TardivoDFMP23 [761], JuvinHHL23 [433], ColT22 [213], NaderiBZ22a [595], PopovicCGNC22 [663], QinWSLS21 [672], Lemos21 [495], Astrand21 [48], AntuoriHHEN21 [30], AbreuAPNM21 [221], Mercier-AubinGQ20 [569], Polo-MejiaALB20 [662], RoshanaeiBAUB20 [694], AstrandJZ20 [51], TanZWGQ19 [758], Caballero19 [166], abs-1902-01193 [19], LaborieRSV18 [484], TranPZLDB18 [784], ArbaouiY18 [33], NattafAL17 [604], GomesM17 [336], Tesch16 [768], Bonfietti16 [138], BoothTNB16 [148], Nattaf16 [602], BoothNB16 [147], NattafALR16 [605]... (Total: 88)
ProgLanguages	Java	abs-2102-08778 [206], Malapert11 [545], WolfS05a [833]	Froger16 [295], Wolf11 [832], Kuchcinski03 [477], KuchcinskiW03 [478]	LuZZYW24 [533], FalqueALM24 [276], KameugneFND23 [441], TasselGS23 [762], AlfieriGPS23 [23], abs-2306-05747 [763], FetgoD22 [281], Teppan22 [765], MullerMKP22 [587], ColT22 [213], YuraszeckMPV22 [847], OuelletQ22 [634], Groleaz21 [344], AntuoriHHEN21 [30], KletzanderMH21 [457], ArmstrongGOS21 [36], Lemos21 [495], FanXG21 [277], SacramentoSP20 [701], ThomasKS20 [772], BarzegaranZP20 [81], CauwelaertDS20 [187], MejiaY20 [560], TangB20 [759], FrohnerTR19 [296], Tom19 [775], abs-1911-04766 [311], ColT19 [207], GeibingerMM19 [312]... (Total: 67)
ProgLanguages	Julia			ElciOH22 [255], HebrardALLCMR22 [376], Groleaz21 [344], Astrand21 [48], CatusseCBL16 [183]
ProgLanguages	Lisp	Pape94 [641]	MorgadoM97 [583]	Hunsberger08 [419], CestaOS00 [190], AbdennadherS99 [2], OddiS97 [627], SadehF96 [702], Wallace96 [816], WeilHFP95 [826], SmithC93 [744], Hamscher91 [366], MintonJPL90 [575]
ProgLanguages	Prolog	ArmstrongGOS21 [36], WolfS05a [833], AbdennadherS99 [2], HookerO99 [411], Simonis99 [738], Zhou97 [866], LammaMM97 [490], FalaschiGMP97 [274], Wallace96 [816], Touraivane95 [780], Simonis95a [736], Simonis95 [737], DincbasSH90 [241]	BadicaBI20 [53], MossigeGSMC17 [584], Madi-WambaLOBM17 [543], Malapert11 [545], MartinPY01 [556], SimonisCK00 [740], JoLLH99 [428], RodosekW98 [687], Zhou96 [865], WeilHFP95 [826], SimonisC95 [741], BeldiceanuC94 [108], AggounB93 [12]	PopovicCGNC22 [663], ArmstrongGOS22 [37], ZarandiASC20 [852], YangSS19 [839], abs-1902-01193 [19], CauwelaertLS18 [186], German18 [317], JelinekB16 [427], LetortCB15 [499], Kameugne14 [438], LetortCB13 [498], Letort13 [496], Clercq12 [224], LetortBC12 [497], TrojetHL11 [789], Schutt11 [713], BeldiceanuCDP11 [106], Menana11 [561], BartakCS10 [74], AronssonBK09 [39], BeldiceanuCP08 [107], ClautiauxJCM08 [200], KrogtLPHJ07 [799], Simonis07 [739], QuSN06 [675], Geske05 [318], RoePS05 [693], PoderBS04 [659], Kuchcinski03 [477]... (Total: 47)

Table 14: Works for Concepts of Type ProgLanguages

Type	Keyword	High	Medium	Low
ProgLanguages	Python	FalqueALM24 [276], KoehlerBFFHPSSS21 [458]	ForbesHJST24 [286], GuoZ23 [353], Fatemi-AnarakiTFV23 [279], abs-2211-14492 [750], AbreuN22 [222], AbreuAPNM21 [221], LaborieRSV18 [484]	LiLZDZW24 [501], KimCMLLP23 [451], SquillaciPR23 [746], NaderiBZ23 [598], Mehdizadeh-Somarin23 [559], MontemanniD23 [582], AbreuPNF23 [4], EfthymiouY23 [254], NaderiBZR23 [596], AbreuNP23 [223], NaderiRR23 [601], PovedaAA23 [665], MontemanniD23a [581], AkramNHRSA23 [18], MullerMKP22 [587], FetgoD22 [281], LuoB22 [539], CampeauG22 [170], ZhangBB22 [860], PohlAK22 [660], EtminaniesfahaniGNMS22 [267], HanenKP21 [367], KlankeBYE21 [454], Lemos21 [495], AbohashimaEG21 [3], FanXG21 [277], BenderWS21 [111], Lunardi20 [537], LunardiBLRV20 [536]... (Total: 43)

7.5 Concept Type CPSystems

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	CHIP	TrojetHL11 [789], Simonis07 [739], Kuchcinski03 [477], BosiM2001 [150], SimonisCK00 [740], Simonis99 [738], GruianK98 [348], Wallace96 [816], SimonisC95 [741], Simonis95a [736], Simonis95 [737], Goltz95 [333], BeldiceanuC94 [108], AggounB93 [12], DincbasS91 [240], DincbasSH90 [241]	ArmstrongGOS21 [36], YangSS19 [839], LaborieRSV18 [484], HookerH17 [414], Geske05 [318], PoderBS04 [659], Timpe02 [774], BeldiceanuC01 [104], HookerO99 [411], JoLLH99 [428], Beck99 [82], RodosekW98 [687], Zhou97 [866], LammaMM97 [490]	PrataAN23 [668], TardivoDFMP23 [761], KameugneFND23 [441], BourreauGGLT22 [154], PopovicCGNC22 [663], LuoB22 [539], FetgoD22 [281], Godet21a [325], KlankeBYE21 [454], GodetLHS20 [326], Caballero19 [166], abs-1902-01193 [19], GoldwaserS18 [332], BaptisteB18 [62], KameugneFGOQ18 [440], CauwelaertLS18 [186], GokgurHO18 [330], MossigeGSMC17 [584], Pralet17 [666], KreterSS17 [474], Madi-WambaB16 [542], FontaineMH16 [285], Dejemeppe16 [227], Fahimi16 [271], LetortCB15 [499], SimoninAHL15 [735], Siala15 [731], ZhouGL15 [867], Siala15a [732]... (Total: 94)
CPSystems	CPO	CzerniachowskaWZ23 [211], NaderiRR23 [601], JuvinHL23a [436], LacknerMMWW23 [487], JuvinHHL23 [433], Bit-Monnot23 [126], NaderiBZ23 [598], WinterMMW22 [829], ColT22 [213], ZhangBB22 [860], NaderiBZ22 [597], RoshanaeiN21 [697], Zahout21 [849], LacknerMMWW21 [486], Groleaz21 [344], ArmstrongGOS21 [36], ThomasKS20 [772], Lunardi20 [537], NattafM20 [608], GroleazNS20 [346], Polo-MejiaALB20 [662], GroleazNS20a [345], SacramentoSP20 [701], GeibingerMM19 [312], ColT19 [207], ColT2019a [212], MalapertN19 [549], CappartTSR18 [172], LaborieRSV18 [484]... (Total: 34)	AalianPG23 [1], JuvinHL22 [434], HamP21 [361], abs-1911-04766 [311], Dejemeppe16 [227], GrimesH15 [341], NuijtenA96 [621], NuijtenA94 [620]	JuvinHL23 [435], PovedaAA23 [665], NaderiBZ22a [595], OujanaAYB22 [635], GeibingerMM21 [313], abs-2102-08778 [206], TangB20 [759], Caballero19 [166], Ham18a [357], Laborie18a [483], Pralet17 [666], VilimLS15 [812], BartakSR10 [76], Vilim09 [807], GarridoAO09 [302], GarridoOS08 [303], BeldiceanuC94 [108]
CPSystems	Choco Solver	TasselGS23 [762], abs-2306-05747 [763], Godet21a [325], German18 [317], Fahimi16 [271], LetortCB15 [499], Derrien15 [233], LetortCB13 [498], Letort13 [496], OuelletQ13 [632], LetortBC12 [497], Malapert11 [545], Menana11 [561], abs-0907-0939 [655], GarridoAO09 [302], GrimesHM09 [342], GarridoOS08 [303], Elkhyari03 [257], BenoistGR02 [120]	KameugneFND23 [441], MullerMKP22 [587], FetgoD22 [281], AntuoriHHEN21 [30], AntuoriHHEN20 [29], LiuLH19 [512], FahimiOQ18 [272], LaborieRSV18 [484], KameugneFGOQ18 [440], Froger16 [295], GayHS15 [305], KoschB14 [463], DerrienP14 [234], DerrienPZ14 [235], Kameugne14 [438], Clercq12 [224], MalapertCGJLR12 [546], ClercqPBJ11 [202], HermenierDL11 [393], HladikCDJ08 [397]	FalqueALM24 [276], BourreauGGLT22 [154], OuelletQ22 [634], Groleaz21 [344], Ham20a [358], GodetLHS20 [326], YangSS19 [839], OuelletQ18 [633], GingrasQ16 [322], AmadiniGM16 [25], Madi-WambaB16 [542], MurphyMB15 [590], EvenSH15 [268], GrimesH15 [341], EvenSH15a [269], BessiereHMQW14 [123], MalapertCGJLR13 [547], SimonisH11 [742], BartakSR10 [76], RossiTHP07 [698], CorreaLR07 [209], CambazardJ05 [169], Baptiste02 [60]
CPSystems	Chuffed	LacknerMMWW23 [487], PovedaAA23 [665], MullerMKP22 [587], BoudreaultSLQ22 [152], LacknerMMWW21 [486], GeibingerMM21 [313], Godet21a [325], ArmstrongGOS21 [36], KoehlerBFFHPSSS21 [458], GodetLHS20 [326], WallaceY20 [818], abs-1911-04766 [311], KreterSSZ18 [475], KreterSS17 [474], YoungFS17 [843], SzerediS16 [754], KreterSS15 [473]	GoldwaserS18 [332]	Caballero19 [166], SchuttS16 [722]
CPSystems	Claire	Nattaf16 [602], Siala15a [732], Siala15 [731], Malapert11 [545], Demassey03 [230], Elkhyari03 [257], BaptisteP00 [66]	Zahout21 [849], Menana11 [561], BaptisteP97 [65]	HebrardALLCMR22 [376], Godet21a [325], HanenKP21 [367], Derrien15 [233], Kameugne14 [438], Letort13 [496], Baptiste02 [60], BenoistGR02 [120], BaptistePN99 [64], PapaB98 [644]

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	Cplex	GuoZ23 [353], ZhuSZW23 [869], CzerniachowskaWZ23 [211], NaderiBZ23 [598], AfsarVPG23 [11], NaderiBZR23 [596], Adelgren2023 [10], NaderiRR23 [601], MengGRZSC22 [564], ElciOH22 [255], OrnekOS20 [631], SubulanC22 [748], EtminaniesfahaniGNMS22 [267], AwadMDMT22 [52], EmdeZD22 [260], MullerMKP22 [587], NaderiBZ22 [597], BourreauGGLT22 [154], WinterMMW22 [829], RoshanaeiN21 [697], Edis21 [250], HubnerGSV21 [418], KoehlerBFFHPSSS21 [458], PandeyS21a [640], Bedhief21 [100], Lemos21 [495], Groleaz21 [344], HamPK21 [362], GeibingerKKMMW21 [310]... (Total: 69)	BonninMNE24 [146], LacknerMMWW23 [487], Fatemi-AnarakiTFV23 [279], Mehdizadeh-Somarin23 [559], AbreuNP23 [223], MarliereSPR23 [554], IsikYA23 [422], CampeauG22 [170], LuoB22 [539], TouatBT22 [779], NaderiBZ22a [595], YunusogluY22 [845], ColT22 [213], LacknerMMWW21 [486], MengLZB21 [565], Zahout21 [849], KovacsTKSG21 [472], QinWSLS21 [672], ArmstrongGOS21 [36], Ham20a [358], MokhtarzadehTNF20 [578], HauderBRPA20 [374], NattafM20 [608], WallaceY20 [818], MalapertN19 [549], NattafHKAL19 [607], abs-1902-09244 [373], TanZWGQ19 [758], Novas19 [615]... (Total: 76)	LuZZYW24 [533], JuvinHL23 [435], AbreuPNF23 [4], PovedaAA23 [665], SquillaciPR23 [746], GurPAE23 [354], YuraszeckMCCR23 [848], JuvinHL23a [436], AlfieriGPS23 [23], PenzDN23 [648], AalianPG23 [1], JuvinHL22 [434], PohlAK22 [660], AbreuN22 [222], FarsiTM22 [278], PopovicCGNC22 [663], abs-2211-14492 [750], YuraszeckMPV22 [847], abs-2102-08778 [206], GeibingerMM21 [313], Astrand21 [48], KletzanderMH21 [457], ArtiguesHQT21 [43], HamP21 [361], KlankeBYE21 [454], AbreuAPNM21 [221], ZhangYW21 [861], FanXG21 [277], VlkHT21 [814]... (Total: 133)
CPSystems	ECLiPSe	BadicaBI20 [53], BadicaBIL19 [54], RoePS05 [693], EreminW01 [262], RodosekWH99 [688], RodosekW98 [687]	Kameugne14 [438], SchuttFSW11 [719], Malapert11 [545], Schutt11 [713], MilanoW09 [574], LiW08 [500], Wallace06 [817], MilanoW06 [573], KanetAG04 [445], KamarainenS02 [437], Simonis99 [738], Darby-DowmanLMZ97 [217], Wallace96 [816]	FanXG21 [277], MejiaY20 [560], WikarekS19 [828], HookerH17 [414], HarjunkoskiMBC14 [370], Clercq12 [224], ZeballosNH11 [858], ZeballosQH10 [855], LombardiMRB10 [527], Zeballos10 [853], SchuttFSW09 [717], BeniniBGM06 [116], QuirogaZH05 [676], BeniniBGM05 [115], ChuX05 [194], HarjunkoskiG02 [368], Baptiste02 [60], MartinPY01 [556], JainG01 [425], HarjunkoskiJG00 [369], PesantGPR99 [652], LammaMM97 [490]
CPSystems	Gecode	TardivoDFMP23 [761], Astrand21 [48], GokGSTO20 [328], BadicaBI20 [53], AstrandJZ20 [51], BadicaBIL19 [54], Fahimi16 [271], SzerediS16 [754], ZhouGL15 [867], GayHS15 [305], Kameugne14 [438], KameugneFSN14 [444], OhrimenkoSC09 [628]	MullerMKP22 [587], AntuoriHHEN21 [30], Groleaz21 [344], GeibingerKKMMW21 [310], Astrand0F21 [49], FrohnerTR19 [296], GeibingerMM19 [312], abs-1911-04766 [311], LaborieRSV18 [484], BurtLPS15 [164], BofillEGPSV14 [136], LozanoCDS12 [532], Malapert11 [545], KovacsK11 [469], KameugneFSN11 [443], ThiruvadyBME09 [770]	ArmstrongGOS21 [36], WessenCS20 [827], WallaceY20 [818], MengZRZL20 [566], YangSS19 [839], FrimodigS19 [294], MusliuSS18 [594], GoldwaserS18 [332], CauwelaertLS18 [186], AstrandJZ18 [50], GedikKBR17 [309], GoldwaserS17 [331], Dejemeppe16 [227], AmadiniGM16 [25], PesantRR15 [653], HarjunkoskiMBC14 [370], LombardiMB13 [526], Clercq12 [224], MonetteDD07 [579]
CPSystems	Gurobi	WangB23 [821], Adelgren2023 [10], LacknerMMWW23 [487], NaderiRR23 [601], WinterMMW22 [829], ZhangBB22 [860], LacknerMMWW21 [486], KoehlerBFFHPSSS21 [458], Lemos21 [495], KovacsTKSG21 [472], GeibingerKKMMW21 [310], FachiniA20 [270], WangB20 [820], GokGSTO20 [328], WallaceY20 [818], FrohnerTR19 [296], MusliuSS18 [594], GombolayWS18 [334], RoshanaeiLAU17 [695], KuB16 [476]	ForbesHJST24 [286], GuoZ23 [353], Groleaz21 [344], VlkHT21 [814], GoldwaserS18 [332], GoldwaserS17 [331], Froger16 [295], FontaineMH16 [285]	abs-2305-19888 [388], KimCMLLP23 [451], MontemanniD23 [582], HeinzNVH22 [387], MengGRZSC22 [564], PohlAK22 [660], AbohashimaEG21 [3], MengLZB21 [565], HubnerGSV21 [418], FanXG21 [277], KlankeBYE21 [454], BenediktMH20 [113], MengZRZL20 [566], He0GLW18 [375], DemirovicS18 [232], BenediktSMVH18 [114], TranAB16 [781], AmadiniGM16 [25], BurtLPS15 [164], PesantRR15 [653], HarjunkoskiMBC14 [370]
CPSystems	Ilog Scheduler	Malapert11 [545], GrimesH11 [340], ZeballosQH10 [855], Laborie03 [481]	LaborieRSV18 [484], LimtanyakulS12 [510], HeinzB12 [382], NovasH12 [617], HeckmanB11 [381], BeckFW11 [90], Zeballos10 [853], RodriguezS09 [692], GrimesHM09 [342], RenT09 [681], WatsonB08 [825], Rodriguez07b [690], ZeballosH05 [854], BeckR03 [96], JainG01 [425], Beck99 [82], NuijtenP98 [622]	Laborie18a [483], KuB16 [476], Fahimi16 [271], TranWDRFOVB16 [788], SchuttS16 [722], GrimesH15 [341], TerekhovTDB14 [767], NovasH14 [618], UnsalO13 [792], TerekhovDOB12 [766], Schutt11 [713], ZeballosNH11 [858], SchuttFSW11 [719], LahimerLH11 [488], BeniniLMR11 [119], KovacsB11 [467], HachemiGR11 [356], OzturkTHO10 [637], abs-1009-0347 [718], ChenGPSH10 [192], TanSD10 [757], LopesCSM10 [528], NovasH10 [616], BidotVLB09 [124], CarchraeB09 [173], RuggieroBBMA09 [700], Vilim09a [808], BeniniLMMR08 [117], MouraSCL08a [585]... (Total: 67)

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	Ilog Solver		GrimesH11 [340], ZeballosNH11 [858], Zeballos10 [853], ZeballosQH10 [855], LiW08 [500], SchausD08 [708], HarjunkoskiG02 [368], JainG01 [425], Refalo00 [680], HarjunkoskiJG00 [369], PesantGPR99 [652]	abs-1902-01193 [19], LaborieRSV18 [484], HookerH17 [414], ZarandiKS16 [851], Dejemeppe16 [227], AlesioBNG15 [22], Siala15 [731], Siala15a [732], PesantRR15 [653], BonfiettiLBM14 [141], NovasH14 [618], LombardiMB13 [526], OzturkTHO13 [638], TerekhovDOB12 [766], LombardiM12a [523], HeinzB12 [382], BonfiettiLBM12 [140], NovasH12 [617], BajestaniB11 [55], BandaSC11 [225], KelbelH11 [447], KovacsK11 [469], KovacsB11 [467], BonfiettiLBM11 [139], TopalogluO11 [776], Schutt11 [713], Beck10 [85], LombardiM10 [522], abs-1009-0347 [718]... (Total: 75)
CPSystems	MiniZinc	LacknerMMWW23 [487], TardivoDFMP23 [761], BoudreaultSLQ22 [152], MullerMKP22 [587], JungblutK22 [430], ColT22 [213], KoehlerBFFHPSSS21 [458], ArmstrongGOS21 [36], LacknerMMWW21 [486], Mercier-AubinGQ20 [569], WallaceY20 [818], FrohnerTR19 [296], abs-1911-04766 [311], ColT2019a [212], GeibingerMM19 [312], ColT19 [207], HookerH17 [414], YoungFS17 [843], LiuCGM17 [515], SzerediS16 [754], AmadiniGM16 [25], BofillEGPSV14 [136], KelarevaTK13 [446]	FalqueALM24 [276], PovedaAA23 [665], Godet21a [325], GokGSTO20 [328], MusliuSS18 [594], KreterSS17 [474], KreterSS15 [473]	Bit-Monnot23 [126], OuelletQ22 [634], abs-2102-08778 [206], GeibingerKKMMW21 [310], FrimodigS19 [294], Caballero19 [166], abs-1901-07914 [103], Hooker19 [410], BehrensLM19 [102], CappartTSR18 [172], KreterSSZ18 [475], DemirovicS18 [232], TranVNB17 [786], FontaineMH16 [285], SchuttS16 [722], BurtLPS15 [164], SchuttFS13 [716], HeinzSB13 [386]
CPSystems	Mistral	JuvinHHL23 [433], Siala15a [732], Siala15 [731], Malapert11 [545], GrimesHM09 [342]	Bit-Monnot23 [126], Kameugne14 [438], BillautHL12 [125]	GrimesH15 [341], SialaAH15 [733]
CPSystems	OPL	LacknerMMWW23 [487], GuoZ23 [353], YunusogluY22 [845], MullerMKP22 [587], TouatBT22 [779], ColT22 [213], PandeyS21a [640], KoehlerBFFHPSSS21 [458], LacknerMMWW21 [486], QinDCS20 [673], Novas19 [615], EscobetPQPRA19 [264], LaborieRSV18 [484], TangLWSK18 [760], QinDS16 [674], Dejemeppe16 [227], NovaraNH16 [614], AlesioNBG14 [236], LouieVNB14 [531], ArtiguesLH13 [45], NovasH12 [617], HachemiGR11 [356], ZeballosNH11 [858], ZeballosQH10 [855], Zeballos10 [853], ZeballosCM10 [856], Laborie09 [482], LiW08 [500], KhayatLR06 [449]... (Total: 33)	LuZZYW24 [533], AwadMDMT22 [52], Teppan22 [765], SubulanC22 [748], MengLZB21 [565], Mercier-AubinGQ20 [569], ZarandiASC20 [852], ZouZ20 [872], MurinR19 [588], Laborie18a [483], CappartTSR18 [172], HookerH17 [414], OrnekO16 [630], WangMD15 [822], LimBTBB15 [508], EvenSH15a [269], NovasH14 [618], HarjunkoskiMBC14 [370], ChunS14 [196], HamdiL13 [365], OzturkTHO13 [638], HeinzB12 [382], SerraNM12 [726], EdisO11 [251], TopalogluO11 [776], ZibranR11a [871], KelbelH11 [447], Menana11 [561], NovasH10 [616]... (Total: 52)	abs-2402-00459 [610], FalqueALM24 [276], ForbesHJST24 [286], YuraszeckMCCR23 [848], CzerniachowskaWZ23 [211], MontemanniD23 [582], IsikYA23 [422], PerezGSL23 [649], EfthymiouY23 [254], AbreuPNF23 [4], abs-2312-13682 [650], GurPAE23 [354], Fatemi-AnarakiTFV23 [279], GokPTGO23 [329], AbreuNP23 [223], ArmstrongGOS22 [37], LiFJZLL22 [502], ZhangBB22 [860], BoudreaultSLQ22 [152], MengGRZSC22 [564], GeitzGSSW22 [314], OujanaAYB22 [635], VlkHT21 [814], HamPK21 [362], QinWSLS21 [672], Astrand21 [48], Lemos21 [495], Bedhief21 [100], Groleaz21 [344]... (Total: 134)
CPSystems	OR-Tools	abs-2402-00459 [610], LacknerMMWW23 [487], ColT22 [213], MullerMKP22 [587], abs-2211-14492 [750], Groleaz21 [344], abs-2102-08778 [206], KovacsTKSG21 [472], KoehlerBFFHPSSS21 [458], LacknerMMWW21 [486], FachiniA20 [270], FallahiAC20 [275], ColT19 [207], ColT2019a [212], GayHS15 [305]	EfthymiouY23 [254], BoudreaultSLQ22 [152], Godet21a [325], GeibingerKKMMW21 [310], BarzegaranZP20 [81], ThomasKS20 [772], LiuCGM17 [515], Dejemeppe16 [227]	Bit-Monnot23 [126], KimCMLLP23 [451], MontemanniD23 [582], AkramNHRSA23 [18], MontemanniD23a [581], Teppan22 [765], EtminaniesfahaniGNMS22 [267], KlankeBYE21 [454], MengZRZL20 [566], GroleazNS20 [346], GalleguillosKSB19 [299], YangSS19 [839], BehrensLM19 [102], abs-1901-07914 [103], PourDERB18 [664], GedikKBR17 [309], BonfiettiZLM16 [145], AmadiniGM16 [25], ZhouGL15 [867], LombardiMB13 [526], LombardiM12 [524]
CPSystems	OZ	Layfield02 [493]	ZeballosNH11 [858], MaraveliasG04 [553], BeldiceanuC94 [108]	Froger16 [295], LudwigKRBMS14 [535], KorbaaYG99 [461]
CPSystems	SCIP	Caballero19 [166], SchnellH17 [712], KuB16 [476], SchnellH15 [711], HeinzSB13 [386], HeinzB12 [382], MilanoW09 [574], AchterbergBKW08 [7]	BofillCSV17 [135], HookerH17 [414], TranAB16 [781], BofillEGPSV14 [136], SchuttFS13a [715], HeinzKB13 [383], CireCH13 [198]	GuoZ23 [353], NaderiRR23 [601], Groleaz21 [344], WikarekS19 [828], SzerediS16 [754], KinsellaS0OS16 [452], QinDS16 [674], HarjunkoskiMBC14 [370], KelarevaTK13 [446], ZampelliVSDR13 [850], Schutt11 [713], HeinzS11 [385], BertholdHLMS10 [122]

Table 15: Works for Concepts of Type CPSystems

Type	Keyword	High	Medium	Low
CPSystems	SICStus	ArmstrongGOS21 [36], LetortCB15 [499], Letort13 [496], LetortCB13 [498], LetortBC12 [497], WolfS05a [833]	MossigeGSMC17 [584], Kameugne14 [438], Schutt11 [713], Malapert11 [545], SchuttFSW11 [719], QuSN06 [675]	PopovicCGNC22 [663], ArmstrongGOS22 [37], YangSS19 [839], German18 [317], Madi-WambaLOBM17 [543], JelinekB16 [427], Clercq12 [224], BeldiceanuCDP11 [106], TrojetHL11 [789], BartakCS10 [74], Wolf09 [835], SchuttFSW09 [717], BeldiceanuCP08 [107], ClautiauxJCM08 [200], Geske05 [318], Kuchcinski03 [477], Bartak02 [72], BeldiceanuC02 [105], BeldiceanuC01 [104], Simonis99 [738], GetoorOFC97 [319]
CPSystems	Z3	Edis21 [250], KoehlerBFFHPSSS21 [458], GokGSTO20 [328], YounespourAKE19 [842], Menana11 [561], SureshMOK06 [752]	NaderiRR23 [601], VlkHT21 [814], WikarekS19 [828], ArkhipovBL19 [35], German18 [317], ZeballosCM10 [856], ClautiauxJCM08 [200], Baptiste02 [60], Zhou97 [866]	KotaryFH22 [464], Groleaz21 [344], Caballero19 [166], ZhangW18 [862], BofillCSV17 [135], BertholdHLMS10 [122], Rodriguez07 [689], Rodriguez07b [690], Wallace06 [817], Layfield02 [493], Zhou96 [865]

7.6 Concept Type ApplicationAreas

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	COVID	GuoZ23 [353]	GeibingerKKMMW21 [310]	FalqueALM24 [276], BonninMNE24 [146], Mehdizadeh-Somarin23 [559], Fatemi-AnarakiTFV23 [279], JuvinHL23a [436], GurPAE23 [354], OujanaAYB22 [635], Lemos21 [495]
ApplicationAreas	HVAC	LimHTB16 [506], LimBTBB15 [508], GrimesIOS14 [343]		
ApplicationAreas	agriculture			AkramNHRSA23 [18], Astrand0F21 [49], HamPK21 [362], Astrand21 [48], BenderWS21 [111], QinWSLS21 [672], MejiaY20 [560]
ApplicationAreas	aircraft	GokPTGO23 [329], PohlAK22 [660], OrnekOS20 [631], WangB20 [820], GokGSTO20 [328], TranDRFWOVB16 [783], Fahimi16 [271], BajestaniB13 [56], LombardiM12 [524], BajestaniB11 [55], Gronkvist06 [347], ArtiouchineB05 [47], FrankK05 [292], FrankK03 [291], Simonis99 [738], ChunCTY99 [195], JoLLH99 [428]	WangB23 [821], GombolayWS18 [334], Ham18 [363], Simonis07 [739], SakkoutW00 [706], Simonis95a [736]	FalqueALM24 [276], PrataAN23 [668], PovedaAA23 [665], Adelgren2023 [10], ElciOH22 [255], EtminaniesfahaniGNMS22 [267], HamP21 [361], HauderBRPA20 [374], ZarandiASC20 [852], abs-1902-09244 [373], Hooker19 [410], LaborieRSV18 [484], AgussurjaKL18 [16], HookerH17 [414], TranAB16 [781], AlesioBNG15 [22], LaborieR14 [485], Lombardi10 [517], Laborie09 [482], KovacsB08 [466], HladikCDJ08 [397], KrogtLPHJ07 [799], CambazardHDJT04 [168], MartinPY01 [556], SimonisCK00 [740], GruianK98 [348], Darby-DowmanLMZ97 [217], SadehF96 [702], Wallace96 [816]... (Total: 32)
ApplicationAreas	astronomy		FrankK05 [292]	CatusseCBL16 [183], LiW08 [500], Johnston05 [201], FrankK03 [291], MintonJPL90 [575]
ApplicationAreas	automotive		GuoZ23 [353], NaderiBZ23 [598], YuraszeckMPV22 [847], EmdeZD22 [260], Groleaz21 [344], AlesioBNG15 [22], LimtanyakulS12 [510], SunLYL10 [751], Lombardi10 [517], BarlattCG08 [70], SchildW00 [710]	LuZZYW24 [533], NaderiRR23 [601], NaderiBZR23 [596], PovedaAA23 [665], CzerniachowskaWZ23 [211], NaderiBZ22a [595], NaderiBZ22 [597], HubnerGSV21 [418], VlkHT21 [814], RoshanaeiN21 [697], AntuoriHHEN21 [30], AbreuAPNM21 [221], KoehlerBFFHPSSS21 [458], BarzegaranZP20 [81], abs-1911-04766 [311], TanZWGQ19 [758], GeibingerMM19 [312], BonfiettiZLM16 [145], SchnellH15 [711], Siala15 [731], Siala15a [732], LudwigKRBMS14 [535], AlesioNBG14 [236], HarjunkoskiMBC14 [370], HladikCDJ08 [397], BeniniBGM06 [116], KovacsV06 [471], BeniniBGM05 [115], CambazardHDJT04 [168], Wallace96 [816]
ApplicationAreas	business process	BadicaBI20 [53], LombardiM10a [521], Lombardi10 [517], RoweJCA96 [699]	SenderovichBB19 [725]	SubulanC22 [748], Groleaz21 [344], Zahout21 [849], ZarandiASC20 [852], BadicaBIL19 [54], Jans09 [426], Simonis07 [739], SimonisCK00 [740], Simonis99 [738], BeckF98 [91], Simonis95a [736]
ApplicationAreas	cable tree	KoehlerBFFHPSSS21 [458]		
ApplicationAreas	car manufacturing		AntuoriHHEN21 [30]	BeldiceanuC94 [108]
ApplicationAreas	container terminal	QinDCS20 [673], SacramentoSP20 [701], SunTB19 [749], UnsalO19 [793], ZampelliVSDR13 [850], UnsalO13 [792]	LaborieRSV18 [484], QinDS16 [674]	LuZZYW24 [533], abs-2312-13682 [650], PerezGSL23 [649], TouatBT22 [779], ZarandiASC20 [852], FallahiAC20 [275], CauwelaertDS20 [187], WallaceY20 [818], Hooker19 [410], Dejemeppe16 [227], CauwelaertDMS16 [184], DejemeppeCS15 [228], NovasH12 [617], CorreaLR07 [209], LimRX04 [505]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	crew-scheduling	ZarandiASC20 [852], PourDERB18 [664], MorgadoM97 [583]	BourreauGGLT22 [154], KletzanderMH21 [457], Zahout21 [849], KletzanderM20 [456], GombolayWS18 [334], Mason01 [558], Touraivane95 [780]	WangB23 [821], NaderiBZ23 [598], Adelgren2023 [10], NaderiBZR23 [596], NaderiRR23 [601], NaderiBZ22 [597], ElciOH22 [255], NaderiBZ22a [595], AwadMDMT22 [52], EtminaniesfahaniGNMS22 [267], HeinzNVH22 [387], Edis21 [250], Lemos21 [495], MokhtarzadehTNF20 [578], TangLWSK18 [760], AgussurjaKL18 [16], HookerH17 [414], DoulabiRP16 [249], QinDS16 [674], LipovetzkyBPS14 [511], HachemiGR11 [356], WuBB09 [838], MilanoW09 [574], Gronkvist06 [347], MilanoW06 [573], BeldiceanuC02 [105], JainG01 [425], BosiM2001 [150], EreminW01 [262]... (Total: 31)
ApplicationAreas	dairies			Bartak02 [72], Bartak02a [71]
ApplicationAreas	dairy	EscobetPQPRA19 [264]	PrataAN23 [668], HarjunkoskiMBC14 [370]	Groleaz21 [344]
ApplicationAreas	datacenter	HermenierDL11 [393]		Zahout21 [849], GalleguillosKSB19 [299], Madi-WambaLOBM17 [543], Letort13 [496], LetortBC12 [497], IfrimOS12 [421]
ApplicationAreas	datacentre		HurleyOS16 [420]	
ApplicationAreas	day-ahead market			
ApplicationAreas	deep space	Johnston05 [201]		HebrardALLCMR22 [376], Ham20a [358], ReddyFIBKAJ11 [679], GlobusCLP04 [323]
ApplicationAreas	drone	MontemanniD23a [581], MontemanniD23 [582], Ham20a [358], Ham18 [363]		Adelgren2023 [10], GuoZ23 [353], JuvinHL23a [436], ShaikhK23 [727], EmdeZD22 [260], Astrand0F21 [49], AntuoriHHEN21 [30], HamP21 [361], Astrand21 [48], ZarandiASC20 [852], Ham18a [357], HamFC17 [360]
ApplicationAreas	earth observation	SquillaciPR23 [746], KucukY19 [480], VerfaillieL01 [802]	GlobusCLP04 [323], BensanaLV99 [121]	HebrardHJMPV16 [377], PraletLJ15 [667], SimoninAHL15 [735], KelarevaTK13 [446], OddiPCC03 [624]
ApplicationAreas	earth orbit			SquillaciPR23 [746]
ApplicationAreas	electroplating		RodosekW98 [687]	Fatemi-AnarakiTFV23 [279], EfthymiouY23 [254], WallaceY20 [818], ArtiguesLH13 [45], NovasH12 [617]
ApplicationAreas	emergency service		EvenSH15a [269], TopaloglU11 [776]	ForbesHJST24 [286], EvenSH15 [268], SakkoutW00 [706]
ApplicationAreas	energy-price	KinsellaS0OS16 [452], GrimesIOS14 [343], IfrimOS12 [421]	HurleyOS16 [420], Froger16 [295]	LuZZYW24 [533], PrataAN23 [668], EscobetPQPRA19 [264], He0GLW18 [375], BenediktSMVH18 [114], LimHTB16 [506]
ApplicationAreas	evacuation	ArtiguesHQT21 [43], ZarandiASC20 [852], YangSS19 [839], EvenSH15 [268], EvenSH15a [269]		AgussurjaKL18 [16], Beck99 [82]
ApplicationAreas	farming			WinterMMW22 [829], Astrand0F21 [49]
ApplicationAreas	forestry	HachemiGR11 [356]		Astrand0F21 [49]
ApplicationAreas	high performance computing	BorghesiBLMB18 [149]	GalleguillosKSB19 [299]	abs-2305-19888 [388], HeinzNVH22 [387], Zahout21 [849], Lunardi20 [537], LunardiBLRV20 [536], TranPZLDB18 [784], RiahiNS018 [683], HurleyOS16 [420], BartoliniBBLM14 [78]
ApplicationAreas	high school timetabling	DemirovicS18 [232], YoshikawaKNW94 [841]		Lemos21 [495], BofillGSV15 [137], KanetAG04 [445], ElkhyariGJ02a [259]
ApplicationAreas	hoist	EfthymiouY23 [254], WallaceY20 [818], RodosekWH99 [688], RodosekW98 [687]	Fatemi-AnarakiTFV23 [279], NovasH12 [617], BonfiettiLBM11 [139]	AstrandJZ18 [50], BonfiettiLBM14 [141], UnsalO13 [792], ArtiguesLH13 [45], BonfiettiM12 [144], BonfiettiLBM12 [140], LombardiBMB11 [519], Wallace06 [817], BeckR03 [96], Baptiste02 [60], Refalo00 [680], HookerOTK00 [413], KorbaaYG99 [461], PapaB98 [644]
ApplicationAreas	maintenance scheduling	PopovicCGNC22 [663], Froger16 [295], BajestaniB13 [56], Malapert11 [545]	LuZZYW24 [533], PenzDN23 [648], AntunesABD20 [28], BajestaniB11 [55], Davenport10 [218], FrostD98 [297]	BourreauGGLT22 [154], Godet21a [325], ZarandiASC20 [852], Hooker19 [410], PourDERB18 [664], AntunesABD18 [27], Nattaf16 [602], BajestaniB15 [57], RoePS05 [693], Simonis99 [738], SimonisC95 [741], Puget95 [670]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	medical	ShinBBHO18 [730], Dejemeppe16 [227], WangMD15 [822], Wolf11 [832], TopaloglуO11 [776], WeilHFP95 [826]	GuoZ23 [353], ZarandiASC20 [852], HechingH16 [380], RiiseML16 [684], DejemeppeD14 [229], RendlPHPR12 [682]	ShaikhK23 [727], AbreuPNF23 [4], AbreuNP23 [223], IsikYA23 [422], NaderiBZR23 [596], AkramNHRSA23 [18], YunusogluY22 [845], FarsiTM22 [278], AbreuN22 [222], GeibingerKKMMW21 [310], Bedhief21 [100], Edis21 [250], AbreuAPNM21 [221], Lemos21 [495], ThomasKS20 [772], FallahiAC20 [275], FrimodigS19 [294], abs-1902-01193 [19], Novas19 [615], GurEA19 [873], SenderovichBB19 [725], YounespourAKE19 [842], GedikKEK18 [308], CappartTSR18 [172], HoYCLLCLC18 [398], TanT18 [756], GedikKBR17 [309], TranVNB17 [786], TranVNB17a [787]... (Total: 41)
ApplicationAreas	meeting scheduling	GelainPRVW17 [315], LimHTB16 [506], LimBTBB15 [508], PesantRR15 [653], ZhuS02 [868]	BofillEGPSV14 [136]	Lemos21 [495], BofillGSV15 [137], MurphyMB15 [590], BartakSR10 [76], MoffittPP05 [577], FukunagaHFAMN02 [298]
ApplicationAreas	music festival	CohenHB17 [205]		
ApplicationAreas	nurse	NaderiBZR23 [596], GurPAE23 [354], FarsiTM22 [278], ZarandiASC20 [852], SenderovichBB19 [725], abs-1902-01193 [19], ShinBBHO18 [730], HoYCLLCLC18 [398], LuoVLBM16 [538], WangMD15 [822], RendlPHPR12 [682], Menana11 [561], Wolf11 [832], Simonis07 [739], BourdaisGP03 [153], Mason01 [558], AbdennadherS99 [2], WeilHFP95 [826]	OuelletQ22 [634], GeibingerMM21 [313], GeibingerKKMMW21 [310], YounespourAKE19 [842], FrohnerTR19 [296], RoshanaeiLAU17 [695]	abs-2312-13682 [650], PerezGSL23 [649], NaderiBZ23 [598], NaderiBZ22a [595], NaderiBZ22 [597], BourreauGGLT22 [154], FallahiAC20 [275], RoshanaeiBAUB20 [694], FrimodigS19 [294], German18 [317], MusliuSS18 [594], GedikKEK18 [308], NishikawaSTT18a [612], GedikKBR17 [309], HookerH17 [414], RiiseML16 [684], Dejemeppe16 [227], DoulabiRP16 [249], DoulabiRP14 [248], TopaloglуO11 [776], Simonis99 [738]
ApplicationAreas	offshore		SubulanC22 [748], Froger16 [295]	GokPTGO23 [329], BoudreaultSLQ22 [152], BlomPS16 [130], FrankDT16 [290], BlomBPS14 [129], Jans09 [426]
ApplicationAreas	operating room	NaderiRR23 [601], GurPAE23 [354], NaderiBZ23 [598], NaderiBZR23 [596], FarsiTM22 [278], NaderiBZ22 [597], RoshanaeiN21 [697], RoshanaeiBAUB20 [694], YounespourAKE19 [842], GurEA19 [873], RoshanaeiLAU17 [695], DoulabiRP16 [249], RiiseML16 [684], WangMD15 [822], DoulabiRP14 [248], Wolf11 [832]	GuoZ23 [353], ElciOH22 [255], NaderiBZ22a [595], ZarandiASC20 [852], Hooker19 [410], HookerH17 [414]	ForbesHJST24 [286], WangB23 [821], JuvinHL23a [436], Adelgren2023 [10], PerezGSL23 [649], abs-2312-13682 [650], GeibingerMM21 [313], FachiniA20 [270], MusliuSS18 [594], TanT18 [756], Wolf09 [835], CrawfordB94 [210]
ApplicationAreas	oven scheduling	LacknerMMWW23 [487], LacknerMMWW21 [486]		ColT22 [213]
ApplicationAreas	patient	GurPAE23 [354], NaderiBZR23 [596], FarsiTM22 [278], RoshanaeiN21 [697], ThomasKS20 [772], RoshanaeiBAUB20 [694], FrimodigS19 [294], GurEA19 [873], SenderovichBB19 [725], YounespourAKE19 [842], ShinBBHO18 [730], CappartTSR18 [172], RoshanaeiLAU17 [695], HechingH16 [380], DoulabiRP16 [249], Dejemeppe16 [227], RiiseML16 [684], WangMD15 [822], DejemeppeD14 [229], RendlPHPR12 [682], Wolf11 [832], TopaloglуO11 [776], WeilHFP95 [826]	NaderiBZ23 [598], GeibingerKKMMW21 [310]	BonninMNE24 [146], ForbesHJST24 [286], GuoZ23 [353], AlfieriGPS23 [23], ElciOH22 [255], NaderiBZ22 [597], AbreuAPNM21 [221], CauwelaertDS20 [187], MurinR19 [588], Hooker19 [410], GombolayWS18 [334], HoYCLLCLC18 [398], TanT18 [756], LouieVNB14 [531], DoulabiRP14 [248], Clercq12 [224], Malapert11 [545], Wolf09 [835], Simonis07 [739], KanetAG04 [445], BourdaisGP03 [153]
ApplicationAreas	perfect-square	BeldiceanuCDP11 [106], BeldiceanuCP08 [107], AggounB93 [12]		
ApplicationAreas	physician	GeibingerKKMMW21 [310], ShinBBHO18 [730]	Dejemeppe16 [227], BourdaisGP03 [153]	GuoZ23 [353], GurPAE23 [354], FarsiTM22 [278], FrimodigS19 [294], HookerH17 [414], WangMD15 [822], Wolf11 [832], TopaloglуO11 [776]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	pipeline	HarjunkoskiMBC14 [370], BegB13 [101], Lombardi10 [517], LopesCSM10 [528], RuggieroBBMA09 [700], MouraSCL08a [585], MouraSCL08 [586], BeniniLMR08 [118], Malik08 [550], BeniniBGM05 [115], Kuchcinski03 [477], ErtlK91 [263]	ZouZ20 [872], TangLWSK18 [760], LombardiMRB10 [527], MalikMB08 [551], BeniniBGM06 [116], WolinskiKG04 [836], BeldiceanuC94 [108]	EfthymiouY23 [254], Adelgren2023 [10], PopovicCGNC22 [663], KotaryFH22 [464], EmdeZD22 [260], HanenKP21 [367], NishikawaSTT19 [613], NishikawaSTT18a [612], LaborieRSV18 [484], NishikawaSTT18 [611], EmeretlisTAV17 [261], Bonfietti16 [138], KinsellaS0OS16 [452], BlomPS16 [130], GilesH16 [321], GoelSHFS15 [327], SimoninAHL15 [735], BonfiettiLBM14 [141], LombardiMB13 [526], LozanoCDS12 [532], BeniniLMR11 [119], NovasH10 [616], RenT09 [681], BarlattCG08 [70], KuchcinskiW03 [478], Wolf03 [830], Simonis99 [738], RodosekWH99 [688], GruianK98 [348]... (Total: 32)
ApplicationAreas	radiation therapy	FrimodigS19 [294]		HookerH17 [414]
ApplicationAreas	railway	MarliereSPR23 [554], SvancaraB22 [753], Lemos21 [495], PourDERB18 [664], CappartS17 [171], ChunS14 [196], AronssonBK09 [39], Acuna-AgostMFG09 [8], RodriguezS09 [692], Rodriguez07 [689], Rodriguez07b [690], Geske05 [318], RodriguezDG02 [691], MartinPY01 [556], MorgadoM97 [583], LammaMM97 [490]	ZarandiASC20 [852], LaborieRSV18 [484], TangLWSK18 [760], Mason01 [558], BrusoniCLMMT96 [162]	LuZZYW24 [533], GuoZ23 [353], LuoB22 [539], Godet21a [325], BogaerdtW19 [798], Hooker19 [410], BajestaniB15 [57], ZhouGL15 [867], BajestaniB13 [56], BajestaniB11 [55], WuBB09 [838], Gronkvist06 [347], AbrilSB05 [5], WolfS05a [833], Wallace96 [816]
ApplicationAreas	real-time pricing		He0GLW18 [375], GrimesIOS14 [343]	LimHTB16 [506]
ApplicationAreas	rectangle-packing	YangSS19 [839], AggounB93 [12]	LuoB22 [539], Malapert11 [545]	MossigeGSMC17 [584], DoulabiRP16 [249], VilimLS15 [812], Siala15a [732], Siala15 [731], LozanoCDS12 [532], BeldiceanuCDP11 [106], Schutt11 [713], SchuttW10 [723], BeldiceanuCP08 [107]
ApplicationAreas	robot	Fatemi-AnarakiTFV23 [279], IsikYA23 [422], LiFJZLL22 [502], ArmstrongGOS21 [36], Edis21 [250], HamP21 [361], Astrand21 [48], KoehlerBFFHPSSS21 [458], ZarandiASC20 [852], MokhtarzadehTNF20 [578], Lunardi20 [537], WessenCS20 [827], Ham20a [358], abs-1901-07914 [103], MurinR19 [588], BehrensLM19 [102], GombolayWS18 [334], LaborieRSV18 [484], MossigeGSMC17 [584], TranVNB17 [786], TranVNB17a [787], BoothTNB16 [148], BoothNB16 [147], LouieVNB14 [531], NovasH14 [618], NovasH12 [617], ZeballosCM10 [856], Zeballos10 [853], BartakSR10 [76]... (Total: 33)	PrataAN23 [668], Mehdizadeh-Somarin23 [559], CzerniachowskaWZ23 [211], ZhuSZW23 [869], TouatBT22 [779], OujanaAYB22 [635], YunusogluY22 [845], NaderiBZ22a [595], Astrand0F21 [49], FachiniA20 [270], WallaceY20 [818], NishikawaSTT19 [613], WikarekS19 [828], NishikawaSTT18a [612], NishikawaSTT18 [611], Dejemeppe16 [227], DoRZ08 [242], PolicellaWSO05 [661], VanczaM01 [801], BeckF00 [94], Beck99 [82], BeckDDF98 [86], SmithC93 [744], FoxS90 [289]	MontemanniD23 [582], MarliereSPR23 [554], abs-2305-19888 [388], AbreuPNF23 [4], GeitzGSSW22 [314], MullerMKP22 [587], ColT22 [213], YuraszeckMPV22 [847], HeinzNVH22 [387], FarsiTM22 [278], ZhangYW21 [861], Godet21a [325], Bedhief21 [100], Groleaz21 [344], VlkHT21 [814], HamPK21 [362], BarzegaranZP20 [81], BenediktMH20 [113], AstrandJZ20 [51], FallahiAC20 [275], MengZRZL20 [566], MejiaY20 [560], SenderovichBB19 [725], TanZWGQ19 [758], Novas19 [615], GokgurHO18 [330], Ham18 [363], AstrandJZ18 [50], BukchinR18 [163]... (Total: 90)
ApplicationAreas	satellite	SquillaciPR23 [746], Godet21a [325], GodetLHS20 [326], KucukY19 [480], LaborieRSV18 [484], HebrardHJMPV16 [377], FrankDT16 [290], PraletLJ15 [667], KelarevaTK13 [446], ReddyFIBKAJ11 [679], Johnston05 [201], BarbulescuWH04 [69], GlobusCLP04 [323], VerfaillieL01 [802], BensanaLV99 [121], PembertonG98 [646]	AlesioBNG15 [22], Laborie09 [482], FrankK05 [292], JussienL02 [432]	EfthymiouY23 [254], TouatBT22 [779], Astrand21 [48], Astrand0F21 [49], Zahout21 [849], ZarandiASC20 [852], FachiniA20 [270], Hooker19 [410], Pralet17 [666], TranVNB17 [786], Froger16 [295], TranWDRFOVB16 [788], SimoninAHL15 [735], BessiereHMQW14 [123], LaborieR14 [485], HeinzSB13 [386], SimoninAHL12 [734], GuyonLPR12 [355], RuggieroBBMA09 [700], Rodriguez07 [689], OddiPCC03 [624], NuijtenP98 [622]

Table 16: Works for Concepts of Type ApplicationAreas

Type	Keyword	High	Medium	Low
ApplicationAreas	semiconductor	MengLZB21 [565], ZarandiASC20 [852], MalapertN19 [549], NattafDYW19 [606], Ham18a [357], HamFC17 [360], BajestaniB15 [57], NovasH12 [617], ZeballosCM10 [856]	PenzDN23 [648], QinWSLS21 [672], GokgurHO18 [330], HamC16 [364], Davenport10 [218], LombardiMRB10 [527], KrogtLPHJ07 [799], JainM99 [424]	LacknerMMWW23 [487], Fatemi-AnarakiTFV23 [279], abs-2211-14492 [750], MengGRZSC22 [564], EmdeZD22 [260], YuraszeckMPV22 [847], MullerMKP22 [587], ColT22 [213], ZhangJZL22 [859], FanXG21 [277], LacknerMMWW21 [486], HamP21 [361], HamPK21 [362], PandeyS21a [640], Astrand21 [48], Ham20a [358], TangB20 [759], MengZRZL20 [566], NattafM20 [608], Novas19 [615], LaborieRSV18 [484], Ham18 [363], GrimesH15 [341], TerekhovTDB14 [767], KoschB14 [463], HarjunkoskiMBC14 [370], Malapert11 [545], Lombardi10 [517], AchterbergBKW08 [7], ArtiguesF07 [42]
ApplicationAreas	shipping line			QinDCS20 [673], LaborieRSV18 [484], KelarevaTK13 [446]
ApplicationAreas	steel cable			AalianPG23 [1]
ApplicationAreas	steel mill	GaySS14 [307], Letort13 [496], HeinzSSW12 [384], SchausHMCMD11 [709], HentenryckM08 [392], GarganiR07 [301]		abs-2312-13682 [650], PerezGSL23 [649], DoulabiRP16 [249], MenciaSV13 [563], MenciaSV12 [562]
ApplicationAreas	super-computer	BorghesiBLMB18 [149], BridiBLMB16 [158], BartoliniBBLM14 [78]		LuoB22 [539], GalleguillosKSB19 [299], Dejemeppe16 [227], HurleyOS16 [420]
ApplicationAreas	surgery	GurPAE23 [354], FarsiTM22 [278], RoshanaeiN21 [697], RoshanaeiBAUB20 [694], GurEA19 [873], YounespourAKE19 [842], RoshanaeiLAU17 [695], RiiseML16 [684], DoulabiRP16 [249], WangMD15 [822], DoulabiRP14 [248], Wolf11 [832], Wolf09 [835]	ZarandiASC20 [852], TopaloglucO11 [776]	ForbesHJST24 [286], AlfieriGPS23 [23], NaderiBZR23 [596], NaderiBZ23 [598], NaderiBZ22 [597], ElciOH22 [255], Lemos21 [495], FrimodigS19 [294]
ApplicationAreas	telescope	FrankK05 [292], FrankK03 [291], MintonJPL90 [575]	CatusseCBL16 [183], Johnston05 [201], FoxS90 [289]	AlesioBNG15 [22], ReddyFIBKAJ11 [679], BidotVLB09 [124], BeckW07 [99], GlobusCLP04 [323], Beck99 [82], BeckDDF98 [86], PembertonG98 [646], Wallace96 [816], SmithC93 [744]
ApplicationAreas	torpedo	GoldwaserS18 [332], KletzanderM17 [455], GoldwaserS17 [331]	AntuoriHHEN20 [29]	Hooker19 [410]
ApplicationAreas	train schedule	LuZZYW24 [533], MarliereSPR23 [554], Lemos21 [495], CappartS17 [171], RodriguezS09 [692], Rodriguez07b [690], Geske05 [318], MurphyRFSS97 [589]	ZarandiASC20 [852], LammaMM97 [490], BrusoniCLMMT96 [162]	abs-2312-13682 [650], SvancaraB22 [753], GeibingerMM21 [313], Novas19 [615], AgussurjaKL18 [16], Froger16 [295], LiuW11 [514], Rodriguez07 [689], RodriguezDG02 [691], MartinPY01 [556], Wallace96 [816]
ApplicationAreas	vaccine		GuoZ23 [353]	BonninMNE24 [146], JuvinHL23a [436]
ApplicationAreas	wildfire		ArtiguesHQT21 [43]	
ApplicationAreas	workforce scheduling	BourreauGGLT22 [154], MusliuSS18 [594], Wallace06 [817]	AntunesABD20 [28], AntunesABD18 [27]	GokPTGO23 [329], FallahiAC20 [275], CorreaLR07 [209], BenoistGR02 [120], Mason01 [558], Darby-DowmanLMZ97 [217]
ApplicationAreas	yard crane		QinDCS20 [673], Hooker19 [410]	EmdeZD22 [260], WallaceY20 [818], SunTB19 [749], UnsalO13 [792]

7.7 Concept Type Industries

Table 17: Works for Concepts of Type Industries

Type	Keyword	High	Medium	Low
Industries	IT industry			SchnellH15 [711]
Industries	aerospace industry			SchildW00 [710]
Industries	agricultural industry	WinterMMW22 [829]		
Industries	agrifood industry			Groleaz21 [344]
Industries	airline industry			GokPTGO23 [329], HachemiGR11 [356], Mason01 [558]
Industries	automobile industry			HauderBRPA20 [374], abs-1902-09244 [373], Limtanyakul07 [509]
Industries	automotive industry		GuoZ23 [353], LimtanyakulS12 [510]	CzerniachowskaWZ23 [211], EmdeZD22 [260], AntuoriHHEN21 [30], BonfiettiZLM16 [145], SchildW00 [710], Wallace96 [816]
Industries	aviation industry			
Industries	cable industry			ZhuSZW23 [869]
Industries	carpet industry			Schutt11 [713]
Industries	chemical industry		Timpe02 [774]	LaborieRSV18 [484], GilesH16 [321], HarjunkoskiMBC14 [370], LombardiM12 [524], ZeballosNH11 [858], ChenGPSH10 [192], MaraveliasCG04 [552], PoderBS04 [659], HookerO99 [411], Simonis99 [738], Simonis95a [736]
Industries	chemical processing industry			GilesH16 [321]
Industries	chemistry industry			ChenGPSH10 [192]
Industries	chips industry			AbreuN22 [222]
Industries	circuit boards industry			MokhtarzadehTNF20 [578]
Industries	control system industry			BonfiettiZLM16 [145]
Industries	cutting industry			RiahiNS018 [683]
Industries	dairy industry		EscobetPQPRA19 [264], HarjunkoskiMBC14 [370]	Groleaz21 [344]
Industries	dismantling industry			HubnerGSV21 [418]
Industries	drawing industry			Simonis95a [736]
Industries	electricity industry	Froger16 [295]		PopovicCGNC22 [663], Godet21a [325], AntunesABD20 [28], AntunesABD18 [27]
Industries	electronics industry			LacknerMMWW23 [487], LacknerMMWW21 [486]
Industries	electroplating industry			NovasH12 [617]
Industries	energy industry		Froger16 [295]	KovacsV06 [471]
Industries	fashion industry			Jans09 [426]
Industries	food industry		Groleaz21 [344]	Fatemi-AnarakiTFV23 [279], OujanaAYB22 [635], GroleazNS20a [345], GroleazNS20 [346], EscobetPQPRA19 [264], HachemiGR11 [356], SimonisCK00 [740], Simonis99 [738], SimonisC95 [741], Simonis95 [737]
Industries	food-processing industry			KlankeBYE21 [454], HauderBRPA20 [374], abs-1902-09244 [373]
Industries	forest industry			HachemiGR11 [356]
Industries	forging industry			LuoB22 [539]
Industries	foundry industry			Jans09 [426]
Industries	garment industry			GuoZ23 [353]
Industries	gas industry			ZarandiASC20 [852], GoelSHFS15 [327]
Industries	glass industry			Lunardi20 [537], LunardiBLRV20 [536], abs-1902-09244 [373]
Industries	heavy industry			CorreaLR07 [209]
Industries	insulation industry			YunusogluY22 [845]
Industries	lumber industry			NattafDYW19 [606]
Industries	manufacturing industry			PrataAN23 [668], LacknerMMWW23 [487], CzerniachowskaWZ23 [211], WinterMMW22 [829], YuraszeckMPV22 [847], LacknerMMWW21 [486], FanXG21 [277], Mercier-AubinGQ20 [569], TangB20 [759], EscobetPQPRA19 [264], GedikKEK18 [308], RoweJCA96 [699]

Table 17: Works for Concepts of Type Industries

Type	Keyword	High	Medium	Low
Industries	maritime industry			Astrand21 [48], QinDCS20 [673], SacramentoSP20 [701], SunTB19 [749], ZampelliVSDR13 [850]
Industries	metal industry			LuoB22 [539]
Industries	mineral industry			Astrand0F21 [49], Astrand21 [48], AstrandJZ20 [51], BlomBPS14 [129]
Industries	mining industry		AalianPG23 [1]	abs-2402-00459 [610], CampeauG22 [170], Astrand21 [48], Astrand0F21 [49], AstrandJZ20 [51], ThiruvadyWGS14 [771]
Industries	oil industry			AbreuNP23 [223], AbreuAPNM21 [221], HarjunkoskiMBC14 [370], LopesCSM10 [528]
Industries	packaging industry			ArmstrongGOS21 [36]
Industries	painting industry			RiahiNS018 [683]
Industries	paper industry			Dejemeppe16 [227], HarjunkoskiMBC14 [370]
Industries	petro-chemical industry			LaborieRSV18 [484], GilesH16 [321], HarjunkoskiMBC14 [370]
Industries	pharmaceutical industry	AwadMDMT22 [52]		YuraszeckMCCR23 [848], CzerniachowskaWZ23 [211], GeibingerKKMMW21 [310], HamC16 [364], NovaraNH16 [614], HarjunkoskiMBC14 [370]
Industries	potash industry			Astrand21 [48], Astrand0F21 [49], AstrandJZ20 [51], AstrandJZ18 [50]
Industries	power industry	Froger16 [295]		FrostD98 [297]
Industries	printing industry	Lunardi20 [537]	LunardiBLRV20 [536]	BourreauGGLT22 [154]
Industries	process industry		Timpe02 [774]	Nattaf16 [602], BlomPS16 [130], HarjunkoskiMBC14 [370], HeinzSSW12 [384], ZeballosCM10 [856], ChenGPSH10 [192], TanSD10 [757], Jans09 [426], Simonis99 [738], Wallace96 [816]
Industries	processing industry		HauderBRPA20 [374]	KlankeBYE21 [454], abs-1902-09244 [373], GilesH16 [321]
Industries	railway industry			Lemos21 [495], Rodriguez07b [690], Geske05 [318]
Industries	repair industry			BoudreaultSLQ22 [152]
Industries	retail industry			ChapadosJR11 [191]
Industries	semiconductor industry		HamFC17 [360], ZeballosCM10 [856]	PenzDN23 [648], QinWSLS21 [672], NattafDYW19 [606], GrimesH15 [341], BajestaniB15 [57], NovasH12 [617], LombardiMRB10 [527], Lombardi10 [517], KrogtLPHJ07 [799]
Industries	semiprocess industry			ChenGPSH10 [192]
Industries	service industry			GurEA19 [873], DoomsH08 [244]
Industries	ship repair industry			BoudreaultSLQ22 [152]
Industries	shipping industry			LuZZYW24 [533], Astrand21 [48], SacramentoSP20 [701], QinDCS20 [673]
Industries	software industry			BartakS11 [75]
Industries	solar cell industry			Novas19 [615]
Industries	steel industry		DavenportKRSH07 [219]	LacknerMMWW23 [487], IsikYA23 [422], KimCMLLP23 [451], OujanaAYB22 [635], LacknerMMWW21 [486], HauderBRPA20 [374], abs-1902-09244 [373], GoldwaserS18 [332], GoldwaserS17 [331], KletzanderM17 [455], HeinzSSW12 [384], SchausHMCMD11 [709], GrimesH10 [339], MercierH07 [568], GarganiR07 [301]
Industries	sugar industry			MartinPY01 [556]
Industries	taxi industry			Ham18 [363]
Industries	telecommunication industry			
Industries	textile industry	Mercier-AubinGQ20 [569]		ZarandiASC20 [852], BessiereHMQW14 [123]
Industries	tire industry			Jans09 [426]
Industries	tourism industry			LiuCGM17 [515]
Industries	trade industry			ParkUJR19 [645]
Industries	transportation industry			GoelSHFS15 [327]
Industries	wind industry	Froger16 [295]		

7.8 Concept Type Benchmarks

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	CSPlib	Siala15 [731], Siala15a [732], SchausHMCMD11 [709], GarganiR07 [301]	LaborieRSV18 [484], German18 [317], CappartTSR18 [172], MossigeGSMC17 [584], NovaraNH16 [614], Letort13 [496], HeinzSSW12 [384], BandaSC11 [225]	ThomasKS20 [772], LiuLH19 [512], GelainPRVW17 [315], GaySS14 [307], RendlPHPR12 [682], HentenryckM08 [392]
Benchmarks	Roadef	Froger16 [295], Siala15 [731], Siala15a [732]	Nattaf16 [602], LetortCB15 [499], Kameugne14 [438], Letort13 [496], LetortCB13 [498], LetortBC12 [497]	CzerniachowskaWZ23 [211], HanenKP21 [367], Lemos21 [495], GokGSTO20 [328], CarlierPSJ20 [175], Polo-MejiaALB20 [662], MalapertN19 [549], OuelletQ18 [633], Tesch18 [769], Fahimi16 [271], Tesch16 [768], Menana11 [561], Acuna-AgostMFG09 [8], Wallace06 [817], Elkhyari03 [257]
Benchmarks	benchmark	LiLZDZW24 [501], JuvinHL23a [436], IsikYA23 [422], AlfieriGPS23 [23], JuvinHHL23 [433], Bit-Monnot23 [126], NaderiBZR23 [596], AfsarVPG23 [11], YuraszeckMCCR23 [848], ShaikhK23 [727], ZhuSZW23 [869], NaderiRR23 [601], TasselGS23 [762], AbreuPNF23 [4], TardivoDFMP23 [761], LacknerMMWW23 [487], PovedaAA23 [665], abs-2306-05747 [763], AbreuNP23 [223], OuelletQ22 [634], ColT22 [213], WinterMMW22 [829], JuvinHL22 [434], NaderiBZ22a [595], Teppan22 [765], MengGRZSC22 [564], ZhangJZL22 [859], TouatBT22 [779], AbreuN22 [222]... (Total: 126)	ForbesHJST24 [286], abs-2402-00459 [610], NaderiBZ23 [598], YuraszeckMC23 [846], MontemanniD23a [581], MarliereSPR23 [554], AkramNHRSA23 [18], KameugneFND23 [441], abs-2305-19888 [388], NaderiBZ22 [597], BourreauGGLT22 [154], KotaryFH22 [464], ZhangBB22 [860], FetgoD22 [281], OujanaAYB22 [635], HeinzNVH22 [387], MengLZB21 [565], Astrand21 [48], AbreuAPNM21 [221], KovacsTKSG21 [472], KletzanderMH21 [457], Lunardi20 [537], SacramentoSP20 [701], BenediktMH20 [113], BadicaBI20 [53], AntuoriHHEN20 [29], GroleazNS20 [346], MengZRZL20 [566], Ham20a [358]... (Total: 102)	BonninMNE24 [146], PrataAN23 [668], MontemanniD23 [582], GuoZ23 [353], Adelgren2023 [10], CzerniachowskaWZ23 [211], EfthymiouY23 [254], KimCMLLP23 [451], SquillaciPR23 [746], SvancaraB22 [753], JungblutK22 [430], ElciOH22 [255], PohlAK22 [660], YunusogluY22 [845], SubulanC22 [748], YuraszeckMPV22 [847], AwadMDMT22 [52], ArmstrongGOS22 [37], Astrand0F21 [49], VlkHT21 [814], Zahout21 [849], RoshanaeiN21 [697], HubnerGSV21 [418], KlankeBYE21 [454], ArmstrongGOS21 [36], AstrandJZ20 [51], LunardiBLRV20 [536], ThomasKS20 [772], QinDCS20 [673]... (Total: 164)
Benchmarks	bitbucket		TardivoDFMP23 [761], Dejemeppe16 [227]	ThomasKS20 [772], CauwelaertDS20 [187], HoundjiSW19 [416], CappartTSR18 [172], CauwelaertLS18 [186], He0GLW18 [375], CappartS17 [171], CauwelaertDMS16 [184], GayHLS15 [304], CauwelaertLS15 [185], DejemeppeCS15 [228], GayHS15a [306], GayHS15 [305], DejemeppeD14 [229], HoundjiSWD14 [417]
Benchmarks	generated instance	IsikYA23 [422], LuoB22 [539], abs-1911-04766 [311]	abs-2312-13682 [650], PerezGSL23 [649], OrnekOS20 [631], Godet21a [325], GodetLHS20 [326], KletzanderM20 [456], MejiaY20 [560], SunTB19 [749], Madi-WambaB16 [542], NattafALR16 [605], Dejemeppe16 [227], KelbelH11 [447], SchausHMCMD11 [709]	abs-2402-00459 [610], EfthymiouY23 [254], abs-2305-19888 [388], Adelgren2023 [10], NaderiBZR23 [596], TouatBT22 [779], ZhangBB22 [860], abs-2211-14492 [750], ColT22 [213], YunusogluY22 [845], BoudreaultSLQ22 [152], YuraszeckMPV22 [847], HeinzNVH22 [387], HanenKP21 [367], Astrand21 [48], AbreuAPNM21 [221], GeibingerMM21 [313], Astrand0F21 [49], AbohashimaEG21 [3], abs-2102-08778 [206], AntuoriHHEN20 [29], CauwelaertDS20 [187], BenediktMH20 [113], MokhtarzadehTNF20 [578], RoshanaeiBAUB20 [694], LunardiBLRV20 [536], ThomasKS20 [772], Lunardi20 [537], Ham20a [358]... (Total: 65)
Benchmarks	github	Lemos21 [495], Godet21a [325], KoehlerBFFHPSSS21 [458]	FalqueALM24 [276], PovedaAA23 [665], TardivoDFMP23 [761], BoudreaultSLQ22 [152], JungblutK22 [430], HamPK21 [362], LunardiBLRV20 [536], GodetLHS20 [326], BenediktMH20 [113], Siala15 [731], Siala15a [732]	LiLZDZW24 [501], ForbesHJST24 [286], abs-2402-00459 [610], SquillaciPR23 [746], JuvinHHL23 [433], YuraszeckMC23 [846], abs-2306-05747 [763], NaderiRR23 [601], Adelgren2023 [10], TasselGS23 [762], YuraszeckMCCR23 [848], Fatemi-AnarakiTFV23 [279], GuoZ23 [353], GokPTGO23 [329], Bit-Monnot23 [126], OuelletQ22 [634], EmdeZD22 [260], GeitzGSSW22 [314], KotaryFH22 [464], ColT22 [213], MullerMKP22 [587], LuoB22 [539], YuraszeckMPV22 [847], KovacsTKSG21 [472], GeibingerMM21 [313], VlkHT21 [814], AbohashimaEG21 [3], HamP21 [361], Polo-MejiaALB20 [662]... (Total: 52)

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	gitlab		HeinzNVH22 [387]	FalqueALM24 [276], abs-2305-19888 [388], BoudreaultSLQ22 [152], AntuoriHHEN21 [30], AntuoriHHEN20 [29]
Benchmarks	industrial instance	LuoB22 [539], AntuoriHHEN20 [29]	BonfiettiZLM16 [145], BonfiettiLBM14 [141], Schutt11 [713]	TasselGS23 [762], PovedaAA23 [665], EfthymiouY23 [254], abs-2306-05747 [763], OujanaAYB22 [635], GroleazNS20 [346], NattafM20 [608], Mercier-AubinGQ20 [569], MalapertN19 [549], Hooker19 [410], BofillGSV15 [137], BofillEGPSV14 [136], ZampelliVSDR13 [850], BonfiettiM12 [144], LombardiBMB11 [519], BonfiettiLBM11 [139]
Benchmarks	industrial partner	BoudreaultSLQ22 [152], Lunardi20 [537], Dejemeppe16 [227]	LacknerMMWW23 [487], ArmstrongGOS21 [36], ZampelliVSDR13 [850]	WinterMMW22 [829], VlkHT21 [814], LacknerMMWW21 [486], GroleazNS20a [345], Mercier-AubinGQ20 [569], AntunesABD20 [28], abs-1911-04766 [311], GeibingerMM19 [312], AntunesABD18 [27], MossigeGSMC17 [584], Froger16 [295], HebrardHJMPV16 [377], AlesioBNG15 [22], LipovetzkyBPS14 [511], LimtanyakulS12 [510], Malapert11 [545], DoRZ08 [242], KovacsV06 [471], KovacsV04 [470], EreminW01 [262]
Benchmarks	industry partner	BurtLPS15 [164], LipovetzkyBPS14 [511]	BlomBPS14 [129]	LuoB22 [539], WinterMMW22 [829], ArmstrongGOS21 [36], HauderBRPA20 [374], abs-1902-09244 [373], AntunesABD18 [27], BlomPS16 [130]
Benchmarks	instance generator	LacknerMMWW23 [487], LacknerMMWW21 [486]	GoldwaserS18 [332], Froger16 [295]	abs-2402-00459 [610], ArmstrongGOS21 [36], Lunardi20 [537], KletzanderM20 [456], SunTB19 [749], abs-1911-04766 [311], Caballero19 [166], GombolayWS18 [334], GoldwaserS17 [331], YoungFS17 [843], Dejemeppe16 [227], UnsalO13 [792], GuyonLPR12 [355], Schutt11 [713], BeniniLMR11 [119], Lombardi10 [517], abs-1009-0347 [718], RuggieroBBMA09 [700], LombardiM09 [520], HeipckeCCS00 [389]
Benchmarks	random instance	LacknerMMWW21 [486], WallaceY20 [818], Dejemeppe16 [227]	WangB23 [821], LacknerMMWW23 [487], EfthymiouY23 [254], LetortCB15 [499], KelbelH11 [447]	Mehdizadeh-Somarin23 [559], Fatemi-AnarakiTFV23 [279], OuelletQ22 [634], ElciOH22 [255], MullerMKP22 [587], EmdeZD22 [260], abs-2211-14492 [750], VlkHT21 [814], Godet21a [325], KlankeBYE21 [454], HanenKP21 [367], AntuoriHHEN20 [29], Lunardi20 [537], BenediktMH20 [113], LunardiBLRV20 [536], HoundjiSW19 [416], UnsalO19 [793], FahimiOQ18 [272], BenediktSMVH18 [114], Hooker17 [409], MossigeGSMC17 [584], CappartS17 [171], Fahimi16 [271], Madi-WambaB16 [542], BoothTNB16 [148], Siala15 [731], Siala15a [732], KameugneFSN14 [444], DerrienP14 [234]... (Total: 44)
Benchmarks	real-life	GurPAE23 [354], SubulanC22 [748], WinterMMW22 [829], HubnerGSV21 [418], Astrand21 [48], QinDCS20 [673], KletzanderM20 [456], GurEA19 [873], RiiseML16 [684], WangMD15 [822], BartakCS10 [74], ChenGPSH10 [192], BartakSR10 [76], Baptiste02 [60], Bartak02a [71], MartinPY01 [556]	LuZZYW24 [533], AfsarVPG23 [11], LacknerMMWW23 [487], OujanaAYB22 [635], Lemos21 [495], KlankeBYE21 [454], Astrand0F21 [49], LacknerMMWW21 [486], KletzanderMH21 [457], FallahiAC20 [275], Lunardi20 [537], abs-1911-04766 [311], PourDERB18 [664], MusliuSS18 [594], AmadiniGM16 [25], Froger16 [295], BartakV15 [77], GaySS14 [307], LimtanyakulS12 [510], MenciaSV12 [562], LombardiMRB10 [527], RuggieroBBMA09 [700], BartakSR08 [80], Tsang03 [790], BosiM2001 [150], JainM99 [424], NuijtenP98 [622], SimonisC95 [741], DincbasSH90 [241]	PrataAN23 [668], LiLZDZW24 [501], BonninMNE24 [146], ForbesHJST24 [286], Adelgren2023 [10], AbreuPNF23 [4], IsikYA23 [422], NaderiBZR23 [596], EfthymiouY23 [254], PovedaAA23 [665], LuoB22 [539], GeitzGSSW22 [314], AwadMDMT22 [52], NaderiBZ22 [597], YunusogluY22 [845], CampeauG22 [170], YuraszeckMPV22 [847], ColT22 [213], Teppan22 [765], BoudreaultSLQ22 [152], ElciOH22 [255], Godet21a [325], Bedhief21 [100], abs-2102-08778 [206], GeibingerMM21 [313], Groleaz21 [344], CauwelaertDS20 [187], GodetLHS20 [326], SacramentoSP20 [701]... (Total: 115)

Table 18: Works for Concepts of Type Benchmarks

Type	Keyword	High	Medium	Low
Benchmarks	real-world	LuZZYW24 [533], GokPTGO23 [329], abs-2305-19888 [388], HeinzNVH22 [387], YunusogluY22 [845], ColT22 [213], GeibingerMM21 [313], KoehlerBFFHPSSS21 [458], Lemos21 [495], Astrand21 [48], Lunardi20 [537], MokhtarzadehTNF20 [578], HauderBRPA20 [374], abs-1911-04766 [311], GeibingerMM19 [312], abs-1902-09244 [373], FrohnerTR19 [296], SenderovichBB19 [725], GombolayWS18 [334], AgussurjaKL18 [16], Dejemeppe16 [227], MelgarejoLS15 [15], EvenSH15a [269], EvenSH15 [268], UnsalO13 [792], RendlPHPR12 [682], Lombardi10 [517], MouraSCL08a [585], WatsonBHW99 [824]... (Total: 32)	PrataAN23 [668], TasselGS23 [762], abs-2306-05747 [763], AbreuNP23 [223], IsikYA23 [422], Fatemi-AnarakiTFV23 [279], AalianPG23 [1], AbreuPNF23 [4], WangB23 [821], YuraszeckMCCR23 [848], OujanaAYB22 [635], LuoB22 [539], SvancaraB22 [753], MullerMKP22 [587], ArmstrongGOS21 [36], ZarandiASC20 [852], WallaceY20 [818], AntunesABD20 [28], RoshanaeiBAUB20 [694], AstrandJZ20 [51], WessenCS20 [827], TangB20 [759], ParkUJR19 [645], YounespourAKE19 [842], FrimodigS19 [294], PourDERB18 [664], HoYCLLCLC18 [398], LaborieRSV18 [484], ShinBBHO18 [730]... (Total: 54)	FalqueALM24 [276], abs-2402-00459 [610], ZhuSZW23 [869], GuoZ23 [353], PovedaAA23 [665], Bit-Monnot23 [126], TardivoDFMP23 [761], CzerniachowskaWZ23 [211], abs-2312-13682 [650], KimCMLLP23 [451], NaderiBZR23 [596], JuvinHL23 [435], PerezGSL23 [649], NaderiBZ23 [598], ShaikhK23 [727], AfsarVPG23 [11], MarliereSPR23 [554], GeitzGSSW22 [314], SubulanC22 [748], BourreauGGLT22 [154], JungblutK22 [430], AbreuN22 [222], FetgoD22 [281], BoudreaultSLQ22 [152], OrnekOS20 [631], CampeauG22 [170], EtminaniesfahaniGNMS22 [267], ArmstrongGOS22 [37], PohlAK22 [660]... (Total: 162)
Benchmarks	supplementary material	GuoZ23 [353], FarsiTM22 [278], MejiaY20 [560], Lunardi20 [537], TanZWGQ19 [758]	NaderiBZR23 [596], MontemanniD23 [582], AfsarVPG23 [11], FachiniA20 [270], SchuttFSW13 [720]	FalqueALM24 [276], JuvinHHL23 [433], abs-2306-05747 [763], TasselGS23 [762], Adelgren2023 [10], WinterMMW22 [829], ColT22 [213], BoudreaultSLQ22 [152], YunusogluY22 [845], AntuoriHHEN21 [30], LacknerMMWW21 [486], KovacsTKSG21 [472], ArmstrongGOS21 [36], MengZRZL20 [566], HauderBRPA20 [374], SchnellH17 [712], SchnellH15 [711], MenciaSV13 [563]
Benchmarks	zenodo	LacknerMMWW23 [487], SacramentoSP20 [701]		KimCMLLP23 [451], WinterMMW22 [829], ArmstrongGOS21 [36]

7.9 Concept Type Algorithms

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	GRASP	Lemos21 [495], Hooker05b [404]	YuraszeckMCCR23 [848], PovedaAA23 [665], YunusogluY22 [845], RiahiNS018 [683]	LacknerMMWW23 [487], IsikYA23 [422], SquillaciPR23 [746], AkramNHRSA23 [18], ArmstrongGOS22 [37], KletzanderMH21 [457], LacknerMMWW21 [486], Zahout21 [849], VlkHT21 [814], AntuoriHHEN21 [30], GokGSTO20 [328], KletzanderM20 [456], QinDCS20 [673], MejiaY20 [560], GroleazNS20a [345], Caballero19 [166], KreterSSZ18 [475], SchnellH17 [712], ZhouGL15 [867], Siala15 [731], Siala15a [732], SchnellH15 [711], UnsalO13 [792], SerraNM12 [726], HeinzB12 [382], AchterbergBKW08 [7], Rodriguez07 [689], JainM99 [424]
Algorithms	IGT	ArmstrongGOS22 [37]		
Algorithms	Lagrangian relaxation	HookerH17 [414], ThiruvadyWGS14 [771], GuSS13 [349], GuSW12 [351], MilanoW09 [574], MilanoW06 [573], Mason01 [558]	IsikYA23 [422], AbreuN22 [222], KotaryFH22 [464], ZarandiASC20 [852], Dejemeppe16 [227], BlomPS16 [130], Froger16 [295], EdisO11 [251], Wallace06 [817], BlazewiczDP96 [165]	abs-2402-00459 [610], abs-2305-19888 [388], MarliereSPR23 [554], KimCMLLP23 [451], YunusogluY22 [845], EtminaniesfahaniGNMS22 [267], HeinzNVH22 [387], HamPK21 [362], FallahiAC20 [275], CauwelaertDS20 [187], GurEA19 [873], BaptisteB18 [62], KreterSSZ18 [475], GomesM17 [336], YoungFS17 [843], AlesioBNG15 [22], DejemeppeCS15 [228], GaySS14 [307], ZampelliVSDR13 [850], GuyonLPR12 [355], Menana11 [561], Lombardi10 [517], LiW08 [500], LauLN08 [491], SadykovW06 [704], Gronkvist06 [347], DemasseyAM05 [231], Johnston05 [201], ArtiguesBF04 [40]... (Total: 34)
Algorithms	MINLP	BlomPS16 [130], BlomBPS14 [129], HarjunkoskiMBC14 [370], HarjunkoskiJG00 [369]	Adelgren2023 [10], BurtLPS15 [164]	Edis21 [250], YounespourAKE19 [842], EscobetPQPRA19 [264], HookerH17 [414], LimBTBB15 [508], LopesCSM10 [528], MouraSCL08a [585], Hooker07 [407], Hooker06 [405], Hooker05a [403], Hooker05 [402], ChuX05 [194], RoePS05 [693], Hooker04 [401], MaraveliasCG04 [552], JainG01 [425], HookerOTK00 [413], HookerO99 [411]
Algorithms	MIQP	WinterMMW22 [829]		BurtLPS15 [164]
Algorithms	NEH	LiLZDZW24 [501], AlfieriGPS23 [23], ArmstrongGOS22 [37], Astrand21 [48], RiahiNS018 [683], WatsonBHW99 [824]	MengLZB21 [565]	AbreuPNF23 [4], IsikYA23 [422], ZhouGL15 [867], ZeballosCM10 [856]
Algorithms	ant colony	abs-2402-00459 [610], Groleaz21 [344], ZarandiASC20 [852], GroleazNS20a [345], ThiruvadyWGS14 [771], ThiruvadyBME09 [770]	ZhuSZW23 [869], IsikYA23 [422], NaderiBZ22a [595], YuraszeckMPV22 [847], FarsiTM22 [278], KoehlerBFFHPSSS21 [458], Edis21 [250], ZhangYW21 [861], GroleazNS20 [346], Lunardi20 [537], MejiaY20 [560], FrohnerTR19 [296], GedikKEK18 [308], GedikKBR17 [309], Dejemeppe16 [227], TranAB16 [781], Froger16 [295], DejemeppeCS15 [228], Siala15a [732], MalapertCGJLR12 [546], Malapert11 [545], LiuW11 [514]	LuZZYW24 [533], Fatemi-AnarakiTFV23 [279], LacknerMMWW23 [487], AbreuPNF23 [4], AlfieriGPS23 [23], PenzDN23 [648], MontemanniD23a [581], MontemanniD23 [582], YuraszeckMC23 [846], GuoZ23 [353], AkramNHRSA23 [18], EtminaniesfahaniGNMS22 [267], SubulanC22 [748], abs-2211-14492 [750], AbreuN22 [222], YunusogluY22 [845], QinWSLS21 [672], LacknerMMWW21 [486], AbohashimaEG21 [3], FanXG21 [277], ArmstrongGOS21 [36], HamPK21 [362], MengZRZL20 [566], KucukY19 [480], GurEA19 [873], YounespourAKE19 [842], ZhangW18 [862], RiahiNS018 [683], PourDERB18 [664]... (Total: 46)
Algorithms	bi-partite matching			Caballero19 [166], HookerH17 [414], Simonis07 [739], Kumar03 [479], Simonis99 [738]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	column generation	PohlAK22 [660], BourreauGGLT22 [154], KletzanderMH21 [457], HookerH17 [414], CatusseCBL16 [183], Froger16 [295], QinDS16 [674], DoulabiRP14 [248], TopaloglluO11 [776], MilanoW09 [574], AkkerDH07 [797], MilanoW06 [573], Wallace06 [817], Gronkvist06 [347], SadykovW06 [704], Mason01 [558], EreminW01 [262], BruckerK00 [161]	abs-2402-00459 [610], Adelgren2023 [10], abs-2211-14492 [750], Groleaz21 [344], FallahiAC20 [275], KletzanderM20 [456], BenediktSMVH18 [114], RoshanaeiLAU17 [695], DoulabiRP16 [249], EvenSH15 [268], EvenSH15a [269], HeinzSSW12 [384], HachemiGR11 [356], CorreaLR07 [209], BeckR03 [96]	FalqueALM24 [276], LuZZYW24 [533], ZhuSZW23 [869], GuoZ23 [353], SquillaciPR23 [746], CampeauG22 [170], PandeyS21a [640], Zahout21 [849], RoshanaeiN21 [697], ZarandiASC20 [852], AntunesABD20 [28], FachiniA20 [270], RoshanaeiBAUB20 [694], UnsalO19 [793], KucukY19 [480], Hooker19 [410], HoundjiSW19 [416], CappartTSR18 [172], AntunesABD18 [27], GoldwaserS18 [332], GedikKEK18 [308], MusliuSS18 [594], DemirovicS18 [232], GoldwaserS17 [331], LiuCGM17 [515], YoungFS17 [843], GedikKBR17 [309], Nattaf16 [602], FontaineMH16 [285]... (Total: 63)
Algorithms	conflict-driven clause learning	Siala15a [732]		Lemos21 [495], Caballero19 [166], SialaAH15 [733]
Algorithms	deep learning	KotaryFH22 [464], MullerMKP22 [587]		LiLZDZW24 [501], EfthymiouY23 [254], AkramNHRSA23 [18], abs-2211-14492 [750], AntuoriHHEN21 [30], TranWDRFOVB16 [788], TranDRFWOVB16 [783], BeckF98 [91]
Algorithms	edge-finder	KameugneFND23 [441], FetgoD22 [281], GingrasQ16 [322], KameugneFSN14 [444], Lombardi10 [517], MercierH08 [567], MercierH07 [568], BaptisteP00 [66]	OuelletQ13 [632], KelbelH11 [447], PapaB98 [644]	BaptisteB18 [62], BonfiettiZLM16 [145], Kameugne14 [438], GuSS13 [349], Schutt11 [713], SchuttFSW11 [719], HeckmanB11 [381], BidotVLB09 [124], MilanoW09 [574], SchuttFSW09 [717], BeckW07 [99], MilanoW06 [573], BeckW05 [98], ValleMGT03 [796], BeckR03 [96], Junker00 [431], SakkoutW00 [706], JainM99 [424], Zhou97 [866], BaptisteP97 [65]
Algorithms	edge-finding	KameugneFND23 [441], JuvinHHL23 [433], TardivoDFMP23 [761], OuelletQ22 [634], FetgoD22 [281], CauwelaertDS20 [187], Caballero19 [166], YangSS19 [839], BaptisteB18 [62], GokgurHO18 [330], FahimiOQ18 [272], KreterSS17 [474], HookerH17 [414], Nattaf16 [602], Fahimi16 [271], Dejemeppe16 [227], Derrien15 [233], GayHS15a [306], Kameugne15 [439], GrimesH15 [341], KameugneFSN14 [444], Kameugne14 [438], OuelletQ13 [632], Letort13 [496], SchuttFS13a [715], Clercq12 [224], Malapert11 [545], KameugneFSN11 [443], Schutt11 [713]... (Total: 56)	BoudreaultSLQ22 [152], LaborieRSV18 [484], Tesch18 [769], GingrasQ16 [322], CauwelaertDMS16 [184], Siala15a [732], Siala15 [731], LetortCB15 [499], DejemeppeCS15 [228], MenciaSV13 [563], LetortCB13 [498], LombardiM12 [524], LetortBC12 [497], Lombardi10 [517], BartakSR10 [76], LiessM08 [503], BartakSR08 [80], HoeveGSL07 [800], ArtiguesF07 [42], MonetteDD07 [579], Vilim04 [805], Kuchcinski03 [477], Bartak02 [72], SchildW00 [710], BaptistePN99 [64], Zhou97 [866]	BonninMNE24 [146], CampeauG22 [170], Groleaz21 [344], Godet21a [325], Astrand21 [48], WallaceY20 [818], OuelletQ18 [633], GombolayWS18 [334], CauwelaertLS18 [186], EmeretlisTAV17 [261], NattafAL17 [604], Tesch16 [768], OrnekO16 [630], GayHLS15 [304], SialaAH15 [733], DerrienP14 [234], GuSS13 [349], ChuGNSW13 [193], HeinzSB13 [386], OzturkTHO13 [638], MenciaSV12 [562], LimtanyakulS12 [510], MalapertCGJLR12 [546], OzturkTHO12 [636], KovacsB11 [467], HeckmanB11 [381], SimonisH11 [742], BeldiceanuCDP11 [106], KelbelH11 [447]... (Total: 68)
Algorithms	energetic reasoning	TardivoDFMP23 [761], OuelletQ22 [634], FetgoD22 [281], HanenKP21 [367], CarlierPSJ20 [175], OuelletQ18 [633], Tesch18 [769], CauwelaertLS18 [186], NattafAL17 [604], Fahimi16 [271], NattafALR16 [605], Tesch16 [768], GayHS15a [306], NattafAL15 [603], CauwelaertLS15 [185], ArtiguesL14 [44], DerrienP14 [234], ArtiguesLH13 [45], SchuttFS13a [715], LimtanyakulS12 [510], HeinzS11 [385], Vilim11 [809], Lombardi10 [517], ClautiauxJCM08 [200], MercierH07 [568], Laborie03 [481], Baptiste02 [60], Dorndorf2000 [247]	KameugneFND23 [441], NattafHKAL19 [607], KameugneFGOQ18 [440], Nattaf16 [602], Kameugne14 [438], Letort13 [496], SchuttFS13 [716], Schutt11 [713]	IsikYA23 [422], BoudreaultSLQ22 [152], ArmstrongGOS21 [36], Caballero19 [166], YangSS19 [839], GokgurHO18 [330], Laborie18a [483], BofillCSV17 [135], HookerH17 [414], GingrasQ16 [322], LetortCB15 [499], Derrien15 [233], KameugneFSN14 [444], LetortCB13 [498], MenciaSV13 [563], OuelletQ13 [632], Clercq12 [224], LombardiM12 [524], MenciaSV12 [562], GuyonLPR12 [355], LahimerLH11 [488], Malapert11 [545], BeldiceanuCDP11 [106], ClercqPBJ11 [202], ChenGPSH10 [192], abs-0907-0939 [655], Vilim09a [808], Vilim09 [807], Limtanyakul07 [509]... (Total: 36)
Algorithms	evolutionary computing			LuZZYW24 [533], Groleaz21 [344], Lemos21 [495], Siala15a [732], PerronSF04 [651]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	genetic algorithm	LuZZYW24 [533], AbreuNP23 [223], ZhuSZW23 [869], IsikYA23 [422], AbreuPNF23 [4], NaderiBZ22a [595], AbreuN22 [222], YunusogluY22 [845], BourreauGGLT22 [154], EtminaniesfahaniGNMS22 [267], HamPK21 [362], Groleaz21 [344], ZhangYW21 [861], AbreuAPNM21 [221], Edis21 [250], Zahout21 [849], Astrand21 [48], MengZRZL20 [566], RoshanaeiBAUB20 [694], ZarandiASC20 [852], MejiaY20 [560], Lunardi20 [537], TangLWSK18 [760], GombolayWS18 [334], Froger16 [295], ZarandiKS16 [851], AlesioBNG15 [22], LiuW11 [514], LahimerLH11 [488]... (Total: 39)	PrataAN23 [668], abs-2402-00459 [610], AkramNHRSA23 [18], ShaikhK23 [727], GokPTGO23 [329], JuvinHL23a [436], abs-2305-19888 [388], AfsarVPG23 [11], KimCMLLP23 [451], LacknerMMWW23 [487], SubulanC22 [748], ColT22 [213], HeinzNVH22 [387], AwadMDMT22 [52], FarsiTM22 [278], JuvinHL22 [434], Bedhief21 [100], Lemos21 [495], MengLZB21 [565], LacknerMMWW21 [486], KletzanderM20 [456], ZouZ20 [872], Novas19 [615], ColT2019a [212], ColT19 [207], RiahiNS018 [683], GomesM17 [336], Pralet17 [666], EmeretlisTAV17 [261]... (Total: 54)	ForbesHJST24 [286], NaderiRR23 [601], TasselGS23 [762], Mehdizadeh-Somarin23 [559], WangB23 [821], abs-2306-05747 [763], PovedaAA23 [665], JuvinHHL23 [433], Bit-Monnot23 [126], AalianPG23 [1], OrnekOS20 [631], WinterMMW22 [829], LiFJZLL22 [502], MengGRZSC22 [564], abs-2211-14492 [750], YuraszeckMPV22 [847], MullerMKP22 [587], OujanaAYB22 [635], Teppan22 [765], ZhangJZL22 [859], RoshanaeiN21 [697], AbohashimaEG21 [3], HillTV21 [396], QinWSLS21 [672], KletzanderMH21 [457], ArmstrongGOS21 [36], KoehlerBFFHPSSS21 [458], abs-2102-08778 [206], HubnerGSV21 [418]... (Total: 121)
Algorithms	large neighborhood search	SquillaciPR23 [746], PovedaAA23 [665], AbreuN22 [222], Astrand21 [48], Astrand0F21 [49], GeibingerMM21 [313], AstrandJZ20 [51], Mercier-AubinGQ20 [569], LaborieRSV18 [484], Dejemeppe16 [227], Froger16 [295], LimBTBB15 [508], GaySS14 [307], MonetteDH09 [580], CarchraeB09 [173], HentenryckM08 [392], PerronSF04 [651], DannaP03 [215]	LuZZYW24 [533], PerezGSL23 [649], abs-2312-13682 [650], AbreuNP23 [223], KimCMLLP23 [451], ZhangBB22 [860], ColT22 [213], Lemos21 [495], Groleaz21 [344], GokGSTO20 [328], ThomasKS20 [772], SacramentoSP20 [701], FachiniA20 [270], abs-1911-04766 [311], DemirovicS18 [232], CappartTSR18 [172], FontaineMH16 [285], VilimLS15 [812], GrimesH15 [341], HarjunkoskiMBC14 [370], UnsalO13 [792], LombardiM12 [524], KelbelH11 [447], SchausHMCMD11 [709], GrimesH11 [340], Menana11 [561], Lombardi10 [517], GodardLN05 [324]	FalqueALM24 [276], PrataAN23 [668], abs-2306-05747 [763], LacknerMMWW23 [487], NaderiBZR23 [596], AalianPG23 [1], AbreuPNF23 [4], NaderiRR23 [601], TasselGS23 [762], Bit-Monnot23 [126], GokPTGO23 [329], BoudreaultSLQ22 [152], BourreauGGLT22 [154], WinterMMW22 [829], PohlAK22 [660], OrnekOS20 [631], EtminaniesfahaniGNMS22 [267], HubnerGSV21 [418], LacknerMMWW21 [486], HamP21 [361], AntuoriHHEN21 [30], AbreuAPNM21 [221], Ham20a [358], FallahiAC20 [275], GroleazNS20 [346], GodetLHS20 [326], LunardiBLRV20 [536], AntuoriHHEN20 [29], Hooker19 [410]... (Total: 76)
Algorithms	lazy clause generation	Caballero19 [166], KreterSSZ18 [475], KreterSS17 [474], Siala15a [732], KreterSS15 [473], SchuttFS13 [716], SchuttFSW13 [720], SchuttFS13a [715], KelarevaTK13 [446], Schutt11 [713], SchuttFSW11 [719], abs-1009-0347 [718], SchuttFSW09 [717], OhrimenkoSC09 [628]	PovedaAA23 [665], Bit-Monnot23 [126], BoudreaultSLQ22 [152], OuelletQ22 [634], GeitzGSSW22 [314], Godet21a [325], WallaceY20 [818], FahimiOQ18 [272], SchnellH17 [712], SchuttS16 [722], SzerediS16 [754], SchnellH15 [711], SialaAH15 [733], BofillEGPSV14 [136], GuSS13 [349], SchuttCSW12 [714]	FalqueALM24 [276], AbreuPNF23 [4], TardivoDFMP23 [761], KameugneFND23 [441], WangB23 [821], EtminaniesfahaniGNMS22 [267], FetgoD22 [281], GeibingerMM21 [313], HillTV21 [396], GodetLHS20 [326], Mercier-AubinGQ20 [569], YangSS19 [839], AgussurjaKL18 [16], BaptisteB18 [62], GoldwaserS18 [332], YoungFS17 [843], BofillCSV17 [135], GoldwaserS17 [331], MossigeGSMC17 [584], AmadiniGM16 [25], PesantRR15 [653], ArtiguesL14 [44], GuSW12 [351], LombardiM12 [524], GrimesH11 [340], SchuttW10 [723], Lombardi10 [517], MilanoW09 [574]
Algorithms	machine learning	abs-2402-00459 [610], EfthymiouY23 [254], abs-2211-14492 [750], MullerMKP22 [587], Groleaz21 [344], ZarandiASC20 [852], HurleyOS16 [420], EskeyZ90 [265]	LiLZDZW24 [501], GokPTGO23 [329], KotaryFH22 [464], Lemos21 [495], AntuoriHHEN21 [30], KovacsTKSG21 [472], GalleguillosKSB19 [299], BukchinR18 [163], BorghesiBLMB18 [149], CohenHB17 [205], GrimesIOS14 [343], IfrimOS12 [421], CarchraeB09 [173], BlazewiczDP96 [165]	PrataAN23 [668], Mehdizadeh-Somarin23 [559], MontemanniD23 [582], JuvinHL23a [436], AkramNHRSA23 [18], GuoZ23 [353], abs-2306-05747 [763], MarliereSPR23 [554], IsikYA23 [422], TasselGS23 [762], GurPAE23 [354], ShaikhK23 [727], LiFJZLL22 [502], ColT22 [213], GeitzGSSW22 [314], ZhangJZL22 [859], PopovicCGNC22 [663], QinWSLS21 [672], HillTV21 [396], HamP21 [361], FanXG21 [277], GeibingerMM21 [313], AbohashimaEG21 [3], GroleazNS20a [345], AntuoriHHEN20 [29], Ham20a [358], Lunardi20 [537], SacramentoSP20 [701], ColT19 [207]... (Total: 52)

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	mat heuristic	abs-2402-00459 [610], AbreuPNF23 [4], MontemanniD23 [582], EtminaniesfahaniGNMS22 [267], SacramentoSP20 [701], FachiniA20 [270], ArbaouiY18 [33], Nattaf16 [602]	KimCMLLP23 [451], NaderiBZR23 [596], AlfieriGPS23 [23], YunusogluY22 [845], YuraszeckMPV22 [847], ArmstrongGOS22 [37], AbreuAPNM21 [221], DemirovicS18 [232], Froger16 [295]	PrataAN23 [668], Fatemi-AnarakiTFV23 [279], PerezGSL23 [649], YuraszeckMCCR23 [848], abs-2312-13682 [650], AbreuNP23 [223], MontemanniD23a [581], IsikYA23 [422], SubulanC22 [748], AbreuN22 [222], WinterMMW22 [829], Groleaz21 [344], PandeyS21a [640], HubnerGSV21 [418], GroleazNS20 [346], Lunardi20 [537], Polo-MejiaALB20 [662], GokGSTO20 [328], Hooker19 [410], GokgurHO18 [330], HechingH16 [380], CireCH16 [199], EvenSH15a [269], WangMD15 [822], EvenSH15 [268], Elkhyari03 [257]
Algorithms	max-flow		LopesCSM10 [528], MouraSCL08 [586], Muscettola02 [593]	FanXG21 [277], ZarandiASC20 [852], HoundjiSW19 [416], Froger16 [295], Fahimi16 [271], Kumar03 [479]
Algorithms	memetic algorithm	ZarandiASC20 [852]	AfsarVPG23 [11], MengLZB21 [565], ArmstrongGOS21 [36], AlesioBNG15 [22], LahimerLH11 [488]	PrataAN23 [668], LuZZYW24 [533], AlfieriGPS23 [23], PenzDN23 [648], IsikYA23 [422], NaderiBZ23 [598], EtminaniesfahaniGNMS22 [267], ZhangJZL22 [859], MengGRZSC22 [564], ColT22 [213], LiFJZLL22 [502], NaderiBZ22 [597], Groleaz21 [344], ZhangYW21 [861], QinWSLS21 [672], AbohashimaEG21 [3], FallahiAC20 [275], Lunardi20 [537], NattafDYW19 [606], RiahiNS018 [683], ZhangW18 [862], GrimesH15 [341], RendlPHPR12 [682], MenciaSV12 [562], GrimesH11 [340], JainM99 [424]
Algorithms	meta heuristic	PrataAN23 [668], abs-2402-00459 [610], LuZZYW24 [533], AbreuPNF23 [4], MontemanniD23a [581], YuraszeckMC23 [846], GokPTGO23 [329], AbreuNP23 [223], YuraszeckMCCR23 [848], AlfieriGPS23 [23], AfsarVPG23 [11], IsikYA23 [422], NaderiRR23 [601], YuraszeckMPV22 [847], MengGRZSC22 [564], AbreuN22 [222], ArmstrongGOS22 [37], EtminaniesfahaniGNMS22 [267], WinterMMW22 [829], ZhangJZL22 [859], YunusogluY22 [845], FarsiTM22 [278], Groleaz21 [344], QinWSLS21 [672], HubnerGSV21 [418], AbreuAPNM21 [221], Edis21 [250], MengLZB21 [565], Astrand21 [48]... (Total: 53)	CzerniachowskaWZ23 [211], Fatemi-AnarakiTFV23 [279], MontemanniD23 [582], NaderiBZR23 [596], ZhangBB22 [860], BoudreaultSLQ22 [152], OujanaAYB22 [635], SubulanC22 [748], AwadMDMT22 [52], MullerMKP22 [587], NaderiBZ22a [595], OrnekOS20 [631], TouatBT22 [779], abs-2211-14492 [750], Bedhief21 [100], Zahout21 [849], KletzanderMH21 [457], ArmstrongGOS21 [36], HamPK21 [362], AbohashimaEG21 [3], MokhtarzadehTNF20 [578], RoshanaeiBAUB20 [694], HauderBRPA20 [374], GroleazNS20a [345], GroleazNS20 [346], WallaceY20 [818], KletzanderM20 [456], NattafDYW19 [606], Hooker19 [410]... (Total: 48)	LiLZDZW24 [501], abs-2305-19888 [388], PovedaAA23 [665], SquillaciPR23 [746], GurPAE23 [354], Mehdizadeh-Somarin23 [559], KimCMLLP23 [451], EfthymiouY23 [254], JuvinHL23a [436], PerezGSL23 [649], PenzDN23 [648], NaderiBZ23 [598], abs-2306-05747 [763], MarliereSPR23 [554], abs-2312-13682 [650], ShaikhK23 [727], LacknerMMWW23 [487], TasselGS23 [762], GeitzGSSW22 [314], HeinzNVH22 [387], BourreauGGLT22 [154], NaderiBZ22 [597], JuvinHL22 [434], LiFJZLL22 [502], Godet21a [325], RoshanaeiN21 [697], ZhangYW21 [861], KovacsTKSG21 [472], Lemos21 [495]... (Total: 142)
Algorithms	neural network	abs-2306-05747 [763], TasselGS23 [762], abs-2211-14492 [750], KotaryFH22 [464], MullerMKP22 [587], ZarandiASC20 [852], JainM99 [424], MintonJPL90 [575]	LiLZDZW24 [501], EfthymiouY23 [254], AntuoriHHEN20 [29], HookerH17 [414]	abs-2402-00459 [610], GurPAE23 [354], SquillaciPR23 [746], IsikYA23 [422], AfsarVPG23 [11], Groleaz21 [344], FanXG21 [277], KovacsTKSG21 [472], AntuoriHHEN21 [30], Astrand21 [48], FallahiAC20 [275], Lunardi20 [537], GalleguillosKSB19 [299], TangLWSK18 [760], KletzanderM17 [455], TranWDRFOVB16 [788], Froger16 [295], OrnekO16 [630], TranDRFWOVB16 [783], IfrimOS12 [421], LiuW11 [514], ChenGPSH10 [192], HladikCDJ08 [397], JussienL02 [432], BlazewiczDP96 [165], Wallace96 [816]
Algorithms	not-first	KameugneFND23 [441], FahimiOQ18 [272], KameugneFGOQ18 [440], Fahimi16 [271], Dejemeppe16 [227], GayHS15a [306], Kameugne14 [438], Clercq12 [224], Schutt11 [713], Malapert11 [545], SchuttFSW11 [719], MercierH07 [568], VilimBC05 [811], ArtiouchineB05 [47], Demassey03 [230], Baptiste02 [60], Beck99 [82]	TardivoDFMP23 [761], FetgoD22 [281], GokgurHO18 [330], OuelletQ18 [633], HookerH17 [414], Kameugne15 [439], DejemeppeCS15 [228], KameugneFSN14 [444], Letort13 [496], OuelletQ13 [632], SchuttW10 [723], Lombardi10 [517], BartakSR10 [76], MonetteDD07 [579], VilimBC04 [810], Wolf03 [830], BeckF00 [94], BeckF00a [93], TorresL00 [778], BeckF99 [92]	JuvinHHL23 [433], BoudreaultSLQ22 [152], OuelletQ22 [634], Astrand21 [48], Groleaz21 [344], CauwelaertDS20 [187], CauwelaertLS18 [186], Tesch16 [768], CauwelaertDMS16 [184], GrimesH15 [341], KameugneF13 [442], ChuGNSW13 [193], LimtanyakulS12 [510], MalapertCGJLR12 [546], KameugneFSN11 [443], Vilim09 [807], Wolf09 [835], BartakSR08 [80], Wolf05 [831], Laborie03 [481], SourdN00 [745]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	not-last	KameugneFND23 [441], TardivoDFMP23 [761], OuelletQ18 [633], KameugneFGOQ18 [440], FahimiOQ18 [272], Dejemeppe16 [227], Fahimi16 [271], GayHS15a [306], Kameugne14 [438], Clercq12 [224], Malapert11 [545], Schutt11 [713], SchuttW10 [723], ArtiouchineB05 [47], VilimBC05 [811], SchuttWS05 [724], Vilim05 [806], Vilim04 [805], Wolf03 [830], Demassey03 [230], Baptiste02 [60], Beck99 [82]	FetgoD22 [281], CauwelaertDS20 [187], GokgurHO18 [330], Tesch18 [769], Kameugne15 [439], DejemeppeCS15 [228], KameugneFSN14 [444], OuelletQ13 [632], Letort13 [496], SchuttFS13a [715], SchuttFSW11 [719], Vilim11 [809], KameugneFSN11 [443], Lombardi10 [517], BartakSR10 [76], MercierH07 [568], MonetteDD07 [579], Wolf05 [831], VilimBC04 [810], TorresL00 [778], BeckF00 [94], BeckF00a [93], BeckF99 [92]	JuvinHHL23 [433], OuelletQ22 [634], BoudreaultSLQ22 [152], GeitzGSSW22 [314], Astrand21 [48], Groleaz21 [344], GodetLHS20 [326], YangSS19 [839], CauwelaertLS18 [186], HookerH17 [414], CauwelaertDMS16 [184], Tesch16 [768], GrimesH15 [341], ChuGNSW13 [193], LimtanyakulS12 [510], MalapertCGJLR12 [546], ChenGPSH10 [192], GrimesHM09 [342], Wolf09 [835], MonetteDH09 [580], Vilim09a [808], Vilim09 [807], BocewiczBB09 [131], BartakSR08 [80], WolfS05 [834], WolfS05a [833], Laborie03 [481], Vilim03 [804]
Algorithms	particle swarm	MengLZB21 [565], SacramentoSP20 [701], ZarandiASC20 [852]	LuZZYW24 [533], ZhuSZW23 [869], AfsarVPG23 [11], IsikYA23 [422], EtminaniesfahaniGNMS22 [267], HamPK21 [362], Edis21 [250], Lunardi20 [537], MejiaY20 [560], MengZRZL20 [566], TanZWGQ19 [758], ZhangW18 [862], Froger16 [295], GrimesH15 [341], MalapertCGJLR12 [546]	BonninMNE24 [146], abs-2402-00459 [610], PrataAN23 [668], Bit-Monnot23 [126], LacknerMMWW23 [487], CzerniachowskaWZ23 [211], AlfieriGPS23 [23], YunusogluY22 [845], SubulanC22 [748], OrnekOS20 [631], AbreuN22 [222], ColT22 [213], OujanaAYB22 [635], QinWSLS21 [672], KoehlerBFFHPSSS21 [458], AbreuAPNM21 [221], LacknerMMWW21 [486], ZhangYW21 [861], HauderBRPA20 [374], QinDCS20 [673], FachiniA20 [270], MokhtarzadehTNF20 [578], Polo-MejiaALB20 [662], Novas19 [615], abs-1902-09244 [373], abs-1902-01193 [19], KreterSSZ18 [475], TangLWSK18 [760], HamC16 [364]... (Total: 37)
Algorithms	quadratic programming		WinterMMW22 [829], BurtLPS15 [164]	abs-2402-00459 [610], MarliereSPR23 [554], abs-2211-14492 [750], ZhangBB22 [860], PandeyS21a [640], Hooker19 [410], He0GLW18 [375], Refalo00 [680]
Algorithms	reinforcement learning	abs-2211-14492 [750], AntuoriHHEN20 [29], BeckFW11 [90]	LiLZDZW24 [501], abs-2402-00459 [610], abs-2306-05747 [763], IsikYA23 [422], TasselGS23 [762], AntuoriHHEN21 [30]	PrataAN23 [668], AkramNHRSA23 [18], Mehdizadeh-Somarin23 [559], AfsarVPG23 [11], GokPTGO23 [329], EfthymiouY23 [254], MullerMKP22 [587], SvancaraB22 [753], Zahout21 [849], Lemos21 [495], KovacsTKSG21 [472], Astrand21 [48], Edis21 [250], ZarandiASC20 [852], Lunardi20 [537], BajestaniB13 [56], CarchraeB09 [173], PerronSF04 [651]
Algorithms	simulated annealing	LuZZYW24 [533], PovedaAA23 [665], IsikYA23 [422], WinterMMW22 [829], Lemos21 [495], SacramentoSP20 [701], ZarandiASC20 [852], KletzanderM20 [456], NattafDYW19 [606], abs-1911-04766 [311], LiuCGM17 [515], KletzanderM17 [455], Froger16 [295], RendlPHPR12 [682], LimRX04 [505], GlobusCLP04 [323], JainM99 [424], Beck99 [82], BlazewiczDP96 [165]	abs-2402-00459 [610], Mehdizadeh-Somarin23 [559], LacknerMMWW23 [487], GeitzGSSW22 [314], ColT22 [213], Edis21 [250], HubnerGSV21 [418], Astrand21 [48], MejiaY20 [560], Lunardi20 [537], GombolayWS18 [334], GedikKEK18 [308], GedikKBR17 [309], BeckFW11 [90], HladikCDJ08 [397], WatsonB08 [825], BeniniLMR08 [118], BeniniBGM05 [115], BeckF98 [91], NuijtenP98 [622], BeckDDF98 [86], Wallace96 [816], AggounB93 [12], MintonJPL90 [575]	JuvinHL23a [436], AbreuNP23 [223], AbreuPNF23 [4], PenzDN23 [648], SquillaciPR23 [746], abs-2306-05747 [763], TasselGS23 [762], AkramNHRSA23 [18], PohlAK22 [660], NaderiBZ22a [595], AbreuN22 [222], AwadMDMT22 [52], YunusogluY22 [845], JuvinHL22 [434], YuraszeckMPV22 [847], OrnekOS20 [631], FanXG21 [277], KletzanderMH21 [457], HamPK21 [362], LacknerMMWW21 [486], GeibingerMM21 [313], Groleaz21 [344], ZhangYW21 [861], AbreuAPNM21 [221], KoehlerBFFHPSSS21 [458], MengLZB21 [565], TangB20 [759], MokhtarzadehTNF20 [578], FallahiAC20 [275]... (Total: 83)
Algorithms	support vector regression			CohenHB17 [205]
Algorithms	swarm intelligence		ZarandiASC20 [852], Lunardi20 [537]	MontemanniD23 [582], Groleaz21 [344], HamPK21 [362], GroleazNS20a [345], Novas19 [615], Siala15a [732]

Table 19: Works for Concepts of Type Algorithms

Type	Keyword	High	Medium	Low
Algorithms	sweep	Tesch18 [769], NattafALR16 [605], Tesch16 [768], BonfiettiZLM16 [145], Derrien15 [233], SimoninAHL15 [735], NattafAL15 [603], GayHS15 [305], LetortCB15 [499], DerrienPZ14 [235], Letort13 [496], LetortCB13 [498], Clercq12 [224], SimoninAHL12 [734], LetortBC12 [497], ClercqPBJ11 [202], Malapert11 [545], abs-0907-0939 [655], ClautiauxJCM08 [200], BeldiceanuP07 [109], Wolf05 [831], WolfS05a [833], Wolf03 [830], BeldiceanuC02 [105], BeldiceanuC01 [104]	ArkhipovBL19 [35], GoldwaserS18 [332], FahimiOQ18 [272], GayHS15a [306], Schutt11 [713], AronssonBK09 [39], PoderB08 [658], WolfS05 [834]	BonninMNE24 [146], KameugneFND23 [441], TardivoDFMP23 [761], OuelletQ22 [634], HebrardALLCMR22 [376], GeitzGSSW22 [314], FetgoD22 [281], Godet21a [325], FachiniA20 [270], FallahiAC20 [275], HoundjiSW19 [416], CauwelaertLS18 [186], KameugneFGOQ18 [440], Madi-WambaLOBM17 [543], Fahimi16 [271], GingrasQ16 [322], Dejemeppe16 [227], Nattaf16 [602], BartakV15 [77], EvenSH15 [268], EvenSH15a [269], BonfiettiLBM14 [141], ChunS14 [196], LudwigKRBMS14 [535], DerrienP14 [234], GaySS14 [307], OuelletQ13 [632], LozanoCDS12 [532], BeldiceanuCDP11 [106]... (Total: 42)
Algorithms	systematic local search			Beck07 [84], DilkinaDH05 [237], DilkinaH04 [238]
Algorithms	time-tabling	ShaikhK23 [727], TardivoDFMP23 [761], OrnekOS20 [631], OuelletQ22 [634], Lemos21 [495], DemirovicS18 [232], FahimiOQ18 [272], Fahimi16 [271], GayHS15a [306], Kameugne14 [438], OuelletQ13 [632], Letort13 [496], GuyonLPR12 [355], HeinzS11 [385], Menana11 [561], KanetAG04 [445], Laborie03 [481], LimAHO02a [504], ElkhyariGJ02a [259], Wallace96 [816], YoshikawaKNW94 [841]	Astrand21 [48], Godet21a [325], WallaceY20 [818], ZarandiASC20 [852], abs-1902-01193 [19], CauwelaertLS18 [186], OuelletQ18 [633], Tesch18 [769], HookerH17 [414], Derrien15 [233], GayHS15 [305], BofillGSV15 [137], Siala15a [732], Siala15 [731], Vilim11 [809], RoePS05 [693], Elkhyari03 [257], Demassey03 [230], Bartak02 [72], PesantGPR99 [652]	BonninMNE24 [146], PrataAN23 [668], MarliereSPR23 [554], Fatemi-AnarakiTFV23 [279], LacknerMMWW23 [487], KameugneFND23 [441], AbreuNP23 [223], TouatBT22 [779], FarsiTM22 [278], SvancaraB22 [753], FetgoD22 [281], KletzanderMH21 [457], GeibingerMM21 [313], MokhtarzadehTNF20 [578], KletzanderM20 [456], GodetLHS20 [326], LiuLH19 [512], KucukY19 [480], Caballero19 [166], Hooker19 [410], abs-1911-04766 [311], GeibingerMM19 [312], ArkhipovBL19 [35], BaptisteB18 [62], KameugneFGOQ18 [440], AstrandJZ18 [50], GoldwaserS18 [332], BukchinR18 [163], CohenHB17 [205]... (Total: 74)

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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.

Table 20: PAPER without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
LimBTBB15a	LimBTBB15a	B. Lim, Menkes van den Briel, S. Thiébaux, S. Backhaus, R. Bent	HVAC-Aware Occupancy Scheduling	2015	AAAI 2015	[507]
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	[293]
MeskensDHG11	MeskensDHG11	N. Meskens, D. Duvivier, A. Hanset, D. Gossart	Multi-objective Constraint programming for Scheduling Operating Theatres	2011	unknown 2011	[570]
OddiPCC05	OddiPCC05	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems	2005	MISTA 2005	[625]
VillaverdeP04	VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	2004	ISCA 2004	[813]
TsurutaS00	TsurutaS00	T. Tsuruta, T. Shintani	Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm	2000	ECAI 2000	[791]
WallaceF00	WallaceF00	Richard J. Wallace, Eugene C. Freuder	Dispatchability Conditions for Schedules with Consumable Resources	2000	ECAI 2000	[819]
DorndorfPH99	DorndorfPH99	U. Dorndorf, E. Pesch, Toàn Phan Huy	Recent Developments in Scheduling	1999	Operations Research Proceedings 1999	[246]
SakkoutRW98	SakkoutRW98	Hani El Sakkout, T. Richards, M. Wallace	Minimal Perturbance in Dynamic Scheduling	1998	ECAI 1998	[705]
BoucherBVBL97	BoucherBVBL97	E. Boucher, A. Bachelu, C. Varnier, P. Baptiste, B. Legeard	Multi-criteria Comparison Between Algorithmic, Constraint Logic and Specific Constraint Programming on a Real Schedulingt Problem	1997	PACT 1997	[151]
MurthyRAW97	MurthyRAW97	Seshashayee S. Murthy, J. Rachlin, R. Akkiraju, Frederick Y. Wu	Agent-Based Cooperative Scheduling	1997	AAAI 1997	[591]
PapeB97	PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	1997	PACT 1997	[643]
PapeB96	PapeB96	Claude Le Pape, P. Baptiste	Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case	1996	ECAI 1996	[642]
Schaerf96	Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	1996	ECAI 1996	[707]
StidsenKM96	StidsenKM96	Thomas R. Stidsen, L. V. Kragelund, O. Mateescu	Jobshop Scheduling in a Shipyard	1996	ECAI 1996	[747]
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	[429]
NuijtenA94a	NuijtenA94a	W. P. M. Nuijten, Emile H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	1994	ECAI 1994	[619]
Rodosek94	Rodosek94	R. Rodosek	Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective	1994	ECAI 1994	[686]
Wallace94	Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	1994	Constraint Programming 1994	[815]
YeGMH94	YeGMH94	P. Ye, D. Glass, Michael F. McTear, John G. Hughes	Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm	1994	ECAI 1994	[840]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
AlakaP23	AlakaP23	Hacı Mehmet Alakaş, M. Pınarbaşı	Balancing of cost-oriented U-type general resource-constrained assembly line: new constraint programming models	2023	Soft Computing	[21]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
FahimiQ23	FahimiQ23	H. Fahimi, C. Quimper	Overload-Checking and Edge-Finding for Robust Cumulative Scheduling	2023	INFORMS Journal on Computing	[273]
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	[320]
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	[794]
CilKLO22	CilKLO22	Zeynel Abidin Cil, D. Kizilay, Z. Li, H. Öztop	Two-sided disassembly line balancing problem with sequence-dependent setup time: A constraint programming model and artificial bee colony algorithm	2022	Expert Systems with Applications	[197]
HillBCGN22	HillBCGN22	A. Hill, Andrea J. Brickey, I. Cipriano, M. Goycoolea, A. Newman	Optimization Strategies for Resource-Constrained Project Scheduling Problems in Underground Mining	2022	INFORMS Journal on Computing	[395]
MartnezAJ22	MartnezAJ22	Karim Pérez Martínez, Y. Adulyasak, R. Jans	Logic-Based Benders Decomposition for Integrated Process Configuration and Production Planning Problems	2022	INFORMS Journal on Computing	[557]
NaderiR22	NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	2022	INFORMS Journal on Optimization	[599]
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	[729]
Alaka21	Alaka21	Hacı Mehmet Alakaş	General resource-constrained assembly line balancing problem: conjunction normal form based constraint programming models	2021	Soft Computing	[20]
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	[180]
NaderiRBAU21	NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	2021	Production and Operations Management	[600]
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	[677]
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	[24]
BalochG20	BalochG20	G. Baloch, F. Gzara	Strategic Network Design for Parcel Delivery with Drones Under Competition	2020	Transportation Science	[59]
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	[352]
Ham20	Ham20	A. Ham	Transfer-robot task scheduling in job shop	2020	International Journal of Production Research	[359]
KizilayC20	KizilayC20	D. Kizilay, Zeynel Abidin Cil	Constraint programming approach for multi-objective two-sided assembly line balancing problem with multi-operator stations	2020	Engineering Optimization	[453]
PinarbasiA20	PinarbasiA20	M. Pınarbaşı, Hacı Mehmet Alakaş	Balancing stochastic type-II assembly lines: chance-constrained mixed integer and constraint programming models	2020	Engineering Optimization	[671]
EdwardsBSE19	EdwardsBSE19	Steven J. Edwards, D. Baatar, K. Smith-Miles, Andreas T. Ernst	Symmetry breaking of identical projects in the high-multiplicity RCPSP/max	2019	Journal of the Operational Research Society	[253]
HechingHK19	HechingHK19	A. Heching, John N. Hooker, R. Kimura	A Logic-Based Benders Approach to Home Healthcare Delivery	2019	Transportation Science	[379]
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	[823]
RoshanaeiLAU17a	RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	2017	INFORMS Journal on Computing	[696]
PengLC14	PengLC14	Y. Peng, D. Lu, Y. Chen	A Constraint Programming Method for Advanced Planning and Scheduling System with Multilevel Structured Products	2014	Discrete Dynamics in Nature and Society	[647]
ZhaoL14	ZhaoL14	Z. Zhao, X. Li	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming	2014	Operations Research for Health Care	[864]
MalapertGR12	MalapertGR12	A. Malapert, C. Guéret, L. Rousseau	A constraint programming approach for a batch processing problem with non-identical job sizes	2012	European Journal of Operational Research	[548]
TopaglouSS12	TopaglouSS12	S. Topaloglu, L. Salum, Aliye Ayca Supciller	Rule-based modeling and constraint programming based solution of the assembly line balancing problem	2012	Expert Systems with Applications	[777]

Table 21: ARTICLE without Local Copy

Key	URL	Authors	Title	Year	Conference /Journal	Cite
ZarandiB12	ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem	2012	INFORMS Journal on Computing	[280]
EdisO11a	EdisO11a	Emrah 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	[252]
LiuGT10	LiuGT10	S. Liu, Z. Guo, J. Tang	Constraint Propagation for Cumulative Scheduling Problems with Precedences: Constraint Propagation for Cumulative Scheduling Problems with Precedences	2010	Acta Automatica Sinica	[513]
ZeballosM09	ZeballosM09	Luis J. Zeballos, Carlos A. Méndez	An Integrated CP-Based Approach for Scheduling of Processing and Transport Units in Pipeless Plants	2009	Industrial Engineering Chemistry Research	[857]
OkanoDTRYA04	OkanoDTRYA04	H. Okano, Andrew J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano	Finishing Line Scheduling in the steel industry	2004	IBM J. Res. Dev.	[629]
Hentenryck02	Hentenryck02	Pascal Van Hentenryck	Constraint and Integer Programming in OPL	2002	INFORMS Journal on Computing	[390]
Hooker02	Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	2002	INFORMS Journal on Computing	[400]
MilanoORT02	MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	2002	INFORMS Journal on Computing	[572]
LustigP01	LustigP01	Irvin J. Lustig, J. Puget	Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming	2001	Interfaces	[540]
BockmayrK98	BockmayrK98	A. Bockmayr, T. Kasper	Branch and Infer: A Unifying Framework for Integer and Finite Domain Constraint Programming	1998	INFORMS Journal on Computing	[133]
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	[216]
PintoG97	PintoG97	Jose M. Pinto, Ignacio E. Grossmann	A logic-based approach to scheduling problems with resource constraints	1997	Computers Chemical Engineering	[657]
PeschT96	PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	1996	INFORMS Journal on Computing	[654]
LubySZ93	LubySZ93	M. Luby, A. Sinclair, D. Zuckerman	Optimal speedup of Las Vegas algorithms	1993	Information Processing Letters	[534]
MintonJPL92	MintonJPL92	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Minimizing conflicts: a heuristic repair method for constraint satisfaction and scheduling problems	1992	Artificial Intelligence	[576]
Tay92	Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	1992	Comput. J.	[764]
Carlier82	Carlier82	J. Carlier	The one-machine sequencing problem	1982	European Journal of Operational Research	[176]
Lauriere78	Lauriere78	J. Lauriere	A language and a program for stating and solving combinatorial problems	1978	Artificial Intelligence	[492]
Mackworth77	Mackworth77	Alan K. Mackworth	Consistency in networks of relations	1977	Artificial Intelligence	[541]
GareyJS76	GareyJS76	M. R. Garey, D. S. Johnson, R. Sethi	The Complexity of Flowshop and Jobshop Scheduling	1976	Mathematics of Operations Research	[300]
PritskerWW69	PritskerWW69	A. Alan B. Pritsker, Lawrence J. Waiters, Philip M. Wolfe	Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach	1969	Management Science	[669]

B Papers and Articles Without Recognized Concepts

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

Table 22: PAPER without Concepts

Key	Local Copy	Authors	Title	Year	Conference /Journal	Cite	Pages
BaptisteLV92	Yes	P. Baptiste, B. Legeard, C. Varnier	Hoist scheduling problem: an approach based on constraint logic programming	1992	ICRA 1992	[68]	6
DincbasHSAGB88	Yes	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier	The Constraint Logic Programming Language CHIP	1988	FGCS 1988	[239]	10

Table 23: ARTICLE without Concepts

Key	Local Copy	Authors	Title	Year	Conference /Journal	Cite	Pages
KorbaaYG00	Yes	O. Korbaa, P. Yim, J. Gentina	Solving Transient Scheduling Problems with Constraint Programming	2000	Eur. J. Control	[462]	10
LopezAKYG00	Yes	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	2000	Eur. J. Control	[529]	4
CarlierP94	Yes	J. Carlier, E. Pinson	Adjustment of heads and tails for the job-shop problem	1994	European Journal of Operational Research	[179]	16
ApplegateC91	Yes	D. Applegate, W. Cook	A Computational Study of the Job-Shop Scheduling Problem	1991	ORSA Journal on Computing	[31]	8

B.1 Irrelevant Work Suspects

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

Table 24: Works from bibtex (Total 26)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ShinBBHO18 ShinBBHO18	Seung Yeob Shin, Y. Brun, H. Balasubramanian, Philip L. Henneman, Leon J. Osterweil	Discrete-Event Simulation and Integer Linear Programming for Constraint-Aware Resource Scheduling	Yes	[730]	2018	IEEE Trans. Syst. Man Cybern. Syst.	16	9	31	1515	1634
HebrardHJMPV16 HebrardHJMPV16	E. Hebrard, M. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie	Approximation of the parallel machine scheduling problem with additional unit resources	Yes	[377]	2016	Discret. Appl. Math.	10	9	8	1378	n/a
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[538]	2016	KR 2016	4	0	0	662	n/a
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[531]	2014	ICRA 2014	7	16	9	658	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	[535]	2014	AAAI 2014	6	1	0	660	n/a

Table 24: Works from bibtex (Total 26)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KameugneF13 KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in O(n 2log(n))	Yes	[442]	2013	Indian Journal of Pure and Applied Mathematics	21	6	4	1402	n/a
HeinzSSW12 HeinzSSW12	S. Heinz, T. Schlechte, R. Stephan, M. Winkler	Solving steel mill slab design problems	Yes	[384]	2012	Constraints An Int. J.	12	10	9	1382	1649
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[709]	2011	Constraints An Int. J.	23	14	5	1508	1655
AronssonBK09 AronssonBK09	M. Aronsson, M. Bohlin, P. Kreuger	MILP formulations of cumulative constraints for railway scheduling - A comparative study	Yes	[39]	2009	ATMOS 2009	13	0	0	428	n/a
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[392]	2008	CPAIOR 2008	5	13	3	589	n/a
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[708]	2008	AAAI 2008	6	0	0	722	n/a
DoRZ08 DoRZ08	Minh Binh Do, W. Ruml, R. Zhou	On-line Planning and Scheduling: An Application to Controlling Modular Printers	Yes	[242]	2008	AAAI 2008	5	0	0	523	n/a
GarganiR07 GarganiR07	A. Gargani, P. Refalo	An Efficient Model and Strategy for the Steel Mill Slab Design Problem	Yes	[301]	2007	CP 2007	13	17	5	549	n/a
ElhouraniDM07 ElhouraniDM07	T. Elhourani, N. Denny, Michael M. Marefat	A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem	Yes	[256]	2007	AAAI 2007	6	0	0	528	n/a
LiuJ06 LiuJ06	Y. Liu, Y. Jiang	LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming	Yes	[516]	2006	PRICAI 2006	5	0	0	651	n/a
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[553]	2004	CPAIOR 2004	20	15	15	668	n/a
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[291]	2003	ICAPS 2003	10	0	0	542	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[493]	2002	University of Leeds, UK	230	0	0	2991	n/a
Refalo00 Refalo00	P. Refalo	Linear Formulation of Constraint Programming Models and Hybrid Solvers	Yes	[680]	2000	CP 2000	15	35	11	711	n/a
BensanaLV99 BensanaLV99	E. Bensana, M. Lemaître, G. Verfaillie	Earth Observation Satellite Management	Yes	[121]	1999	Constraints An Int. J.	7	99	0	1297	1666
SmithBHW96 SmithBHW96	Barbara M. Smith, Sally C. Brailsford, Peter M. Hubbard, H. Paul Williams	The progressive party problem: Integer linear programming and constraint programming compared	Yes	[743]	1996	Constraints An Int. J.	20	56	4	1520	n/a
CrawfordB94 CrawfordB94	James M. Crawford, Andrew B. Baker	Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems	Yes	[210]	1994	AAAI 1994	6	0	0	511	n/a
Hamscher91 Hamscher91	W. Hamscher	ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals	Yes	[366]	1991	AAAI 1991	6	0	0	579	n/a
Valdes87 Valdes87	Raúl E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[795]	1987	AAAI 1987	5	0	0	763	n/a
Rit86 Rit86	J. Rit	Propagating Temporal Constraints for Scheduling	Yes	[685]	1986	AAAI 1986	6	0	0	715	n/a
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[288]	1982	AAAI 1982	4	0	0	539	n/a

Table 25: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ShinBBHO18 [730]	16	order, transportation, job, scheduling, task, machine, preempt, resource, activity, stochastic, inventory					physician, nurse, patient, medical		github, real-world		1033	1634
HebrardHJMPV16 [377]	10	online scheduling, cmax, scheduling, order, make-span, distributed, machine, job, completion-time, resource, task	parallel machine	cumulative			satellite, earth observation		industrial partner		1055	n/a
LuoVLBM16 [538]	4	job-shop, resource, order, activity, scheduling, task, job, machine, explanation, precedence					nurse			time-tabling	123	n/a
LouieVNB14 [531]	7	resource, periodic, activity, order, job, scheduling, task, machine		cycle		OPL	patient, robot				165	n/a
LudwigKRBMS14 [535]	6	task, precedence, scheduling, transportation, resource, periodic, order		cycle		OZ	automotive, robot		real-world	sweep	166	n/a
KameugneF13 [442]	21	order, task, release-date		cumulative						not-first	1093	n/a
HeinzSSW12 [384]	12	explanation, constraint programming, inventory, order, task, constraint satisfaction, CP		bin-packing		Cplex	steel mill	steel industry, process industry	CSPlib, real-world	large neighborhood search, column generation	1100	1649
SchausHMCMD11 [709]	23	stochastic, periodic, task, CP, CSP, constraint optimization, constraint programming, constraint logic programming, order	SCC	Element constraint, Cardinality constraint, bin-packing, GCC constraint			steel mill	steel industry	CSPlib, generated instance, benchmark	meta heuristic, large neighborhood search	1126	1655
AronssonBK09 [39]	13	job-shop, transportation, CLP, job, order, CP, task, constraint programming		cumulative	Prolog	Cplex, CHIP	railway		real-world, real-life	sweep	226	n/a
HentenryckM08 [392]	5	CSP, CP, order, constraint programming		bin-packing			steel mill		CSPlib	large neighborhood search	246	n/a
SchausD08 [708]	6	order, task, preempt, precedence, preemptive, CSP, CP, constraint programming		IloPack, bin-packing, cycle, Reified constraint, Element constraint		Ilog Solver, OPL			real-life, benchmark	large neighborhood search	252	n/a
DoRZ08 [242]	5	order scheduling, distributed, resource, job, stochastic, scheduling, machine, order, make-span					robot		real-world, industrial partner		244	n/a
GarganiR07 [301]	13	machine, resource, CP, inventory, order, constraint programming, CSP		Element constraint, bin-packing, Channeling constraint	C++	OPL	steel mill	steel industry	real-life, CSPlib	large neighborhood search, column generation	258	n/a
ElhouraniDM07 [256]	6	constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity		cycle		OPL					257	n/a

Table 25: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LiuJ06 [516]	5	task, order, make-span, resource, multi-objective, scheduling		disjunctive, Disjunctive constraint, cycle							272	n/a
MaraveliasG04 [553]	20					OZ					311	n/a
FrankK03 [291]	10	stochastic, order, scheduling					astronomy, aircraft, telescope		benchmark		321	n/a
Layfield02 [493]	230	CP			C	OPL, OZ, Z3					2974	n/a
Refalo00 [680]	15	transportation, constraint programming, constraint satisfaction, CP, order, CLP		Element constraint, Cardinality constraint, disjunctive, Arithmetic constraint, Among constraint, cycle, circuit		CHIP, Ilog Solver, Cplex	hoist			quadratic programming	349	n/a
BensanaLV99 [121]	7	constraint satisfaction, constraint programming, order, CP, CSP, constraint optimization, explanation		cycle		Ilog Solver, Cplex	satellite, earth observation		benchmark		1221	1666
SmithBHW96 [743]	20	constraint satisfaction, resource, order, constraint programming, CSP, task, CLP, constraint logic programming			C++	OPL, Ilog Solver			real-life		1242	n/a
CrawfordB94 [210]	6	order, machine, scheduling, resource, job-shop, distributed, job, task					operating room				392	n/a
Hamscher91 [366]	6	machine, order, CP, inventory	TMS		Lisp						405	n/a
Valdes87 [795]	5	precedence, order, constraint satisfaction, task		circuit, disjunctive, cycle							409	n/a
Rit86 [685]	6	activity, scheduling, resource, job, order, precedence, task, job-shop		Disjunctive constraint, disjunctive							410	n/a
FoxAS82 [288]	4	job, order, scheduling, distributed, precedence, job-shop, due-date, re-scheduling, tardiness, machine, task, resource					robot				411	n/a

B.2 Works with Few Extracted Concepts

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

Table 26: Works from bibtex (Total 20)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[553]	2004	CPAIOR 2004	20	15	15	668	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[493]	2002	University of Leeds, UK	230	0	0	2991	n/a
KameugneF13 KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in O(n 2log(n))	Yes	[442]	2013	Indian Journal of Pure and Applied Mathematics	21	6	4	1402	n/a
Hamscher91 Hamscher91	W. Hamscher	ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals	Yes	[366]	1991	AAAI 1991	6	0	0	579	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	[274]	1997	Inf. Comput.	27	10	9	1342	n/a
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[291]	2003	ICAPS 2003	10	0	0	542	n/a
Valdes87 Valdes87	Raúl E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[795]	1987	AAAI 1987	5	0	0	763	n/a
AngelsmarkJ00 AngelsmarkJ00	O. Angelsmark, P. Jonsson	Some Observations on Durations, Scheduling and Allen's Algebra	Yes	[26]	2000	CP 2000	5	1	9	421	n/a
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[392]	2008	CPAIOR 2008	5	13	3	589	n/a
Kumar03 Kumar03	T. K. Satish Kumar	Incremental Computation of Resource-Envelopes in Producer-Consumer Models	Yes	[479]	2003	CP 2003	15	4	2	633	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	[863]	2012	CIT 2012	4	1	3	797	n/a
LiuJ06 LiuJ06	Y. Liu, Y. Jiang	LP-TPOP: Integrating Planning and Scheduling Through Constraint Programming	Yes	[516]	2006	PRICAI 2006	5	0	0	651	n/a
ZhuS02 ZhuS02	Kenny Qili Zhu, Andrew E. Santosa	A Meeting Scheduling System Based on Open Constraint Programming	Yes	[868]	2002	CAiSE 2002	5	0	5	800	n/a
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[376]	2022	IJCAI 2022	7	0	0	582	n/a
DincbasS91 DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[240]	1991	ASTAIR 1991	13	0	0	522	n/a
Hunsberger08 Hunsberger08	L. Hunsberger	A Practical Temporal Constraint Management System for Real-Time Applications	Yes	[419]	2008	ECAI 2008	5	0	0	600	n/a
CrawfordB94 CrawfordB94	James M. Crawford, Andrew B. Baker	Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems	Yes	[210]	1994	AAAI 1994	6	0	0	511	n/a
ElhouraniDM07 ElhouraniDM07	T. Elhourani, N. Denny, Michael M. Marefat	A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem	Yes	[256]	2007	AAAI 2007	6	0	0	528	n/a
Touraivane95 Touraivane95	Touraïvane	Constraint Programming and Industrial Applications	Yes	[780]	1995	CP 1995	3	2	1	757	n/a
CambazardJ05 CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[169]	2005	CP 2005	5	6	8	490	n/a

Table 27: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MaraveliasG04 [553]	20					OZ					311	n/a
Layfield02 [493]	230	CP			C	OPL, OZ, Z3					2974	n/a
KameugneF13 [442]	21	order, task, release-date		cumulative						not-first	1093	n/a

Table 27: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hamscher91 [366]	6	machine, order, CP, inventory	TMS		Lisp						405	n/a
FalaschiGMP97 [274]	27	constraint programming, constraint logic programming, scheduling, CLP, order		Arithmetic constraint	Prolog						1234	n/a
FrankK03 [291]	10	stochastic, order, scheduling					astronomy, aircraft, telescope		benchmark		321	n/a
Valdes87 [795]	5	precedence, order, constraint satisfaction, task		circuit, disjunctive, cycle							409	n/a
AngelsmarkJ00 [26]	5	resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop									345	n/a
HentenryckM08 [392]	5	CSP, CP, order, constraint programming		bin-packing			steel mill		CSPlib	large neighborhood search	246	n/a
Kumar03 [479]	15	order, scheduling, CP, producer/consumer, activity, resource		cycle						max-flow, bi-partite matching	322	n/a
ZhangLS12 [863]	4	cmax, CP, constraint programming, order, CSP, constraint satisfaction, scheduling								ant colony, time-tabling	195	n/a
LiuJ06 [516]	5	task, order, make-span, resource, multi-objective, scheduling		disjunctive, Disjunctive constraint, cycle							272	n/a
ZhuS02 [868]	5	activity, distributed, resource, CLP, scheduling, constraint programming, constraint logic programming, CP					meeting scheduling				339	n/a
HebrardALLCMR22 [376]	7	order, scheduling, activity, CP		cumulative	Julia	Claire	deep space			sweep	22	n/a
DincbasS91 [240]	13	resource, re-scheduling, constraint programming, constraint logic programming, scheduling, task, online scheduling				CHIP	aircraft				403	n/a
Hunsberger08 [419]	5	distributed, CP, order, task, scheduling, multi-agent		cycle	Lisp				real-world		247	n/a
CrawfordB94 [210]	6	order, machine, scheduling, resource, job-shop, distributed, job, task					operating room				392	n/a
ElhouraniDM07 [256]	6	constraint optimization, constraint satisfaction, multi-agent, COP, distributed, task, buffer-capacity		cycle		OPL					257	n/a
Touraivane95 [780]	3	CLP, scheduling, CP, order, constraint logic programming, task, constraint programming			Prolog		crew-scheduling		real-life		391	n/a
CambazardJ05 [169]	5	scheduling, explanation, CP, Benders Decomposition, constraint logic programming, task, constraint programming, Logic-Based Benders Decomposition, CSP				Choco Solver					279	n/a

C Unmatched Concepts

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

Table 28: Unmatched Concepts

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

D Works by Author

D.1 57 Works by J. Christopher Beck

Table 29: Works from bibtex (Total 57)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LuoB22 LuoB22	Yiqing L. Luo, J. Christopher Beck	Packing by Scheduling: Using Constraint Programming to Solve a Complex 2D Cutting Stock Problem	Yes	[539]	2022	CPAIOR 2022	17	0	28	661	826
ZhangBB22 ZhangBB22	J. Zhang, Giovanni Lo Bianco, J. Christopher Beck	Solving Job-Shop Scheduling Problems with QUBO-Based Specialized Hardware	Yes	[860]	2022	ICAPS 2022	9	1	0	795	n/a
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[694]	2020	International Journal of Production Economics	19	24	43	1500	n/a
TangB20 TangB20	Tanya Y. Tang, J. Christopher Beck	CP and Hybrid Models for Two-Stage Batching and Scheduling	Yes	[759]	2020	CPAIOR 2020	16	6	12	746	852
SenderovichBB19 SenderovichBB19	A. Senderovich, Kyle E. C. Booth, J. Christopher Beck	Learning Scheduling Models from Event Data	Yes	[725]	2019	ICAPS 2019	9	0	0	730	863
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[784]	2018	Journal of Scheduling	17	8	26	1534	n/a
CohenHB17 CohenHB17	E. Cohen, G. Huang, J. Christopher Beck	(I Can Get) Satisfaction: Preference-Based Scheduling for Concert-Goers at Multi-venue Music Festivals	Yes	[205]	2017	SAT 2017	17	1	12	508	n/a
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[786]	2017	J. Artif. Intell. Res.	68	12	0	1535	n/a
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[787]	2017	IJCAI 2017	5	1	0	761	n/a
BoothNB16 BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes	Yes	[147]	2016	CP 2016	17	21	24	483	n/a
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	Yes	[148]	2016	IEEE Robotics and Automation Letters	8	27	21	1306	n/a
KuB16 KuB16	W. Ku, J. Christopher Beck	Mixed Integer Programming models for job shop scheduling: A computational analysis	Yes	[476]	2016	Computers Operations Research	9	119	17	1413	n/a
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[538]	2016	KR 2016	4	0	0	662	n/a
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[781]	2016	INFORMS Journal on Computing	13	72	28	1533	n/a
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[783]	2016	SOCS 2016	9	3	0	759	n/a
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[788]	2016	AAAI 2016	9	0	0	762	n/a
BajestaniB15 BajestaniB15	Maliheh Aramon Bajestani, J. Christopher Beck	A two-stage coupled algorithm for an integrated maintenance planning and flowshop scheduling problem with deteriorating machines	Yes	[57]	2015	Journal of Scheduling	16	17	59	1273	n/a
KoschB14 KoschB14	S. Kosch, J. Christopher Beck	A New MIP Model for Parallel-Batch Scheduling with Non-identical Job Sizes	Yes	[463]	2014	CPAIOR 2014	16	4	18	623	n/a
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[531]	2014	ICRA 2014	7	16	9	658	n/a
TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[767]	2014	J. Artif. Intell. Res.	38	12	0	1528	n/a

Table 29: Works from bibtex (Total 57)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BajestaniB13 BajestaniB13	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling a Dynamic Aircraft Repair Shop with Limited Repair Resources	Yes	[56]	2013	J. Artif. Intell. Res.	36	14	0	1272	n/a
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[383]	2013	CPAIOR 2013	16	9	15	586	n/a
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[386]	2013	Constraints An Int. J.	36	7	31	1381	1645
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[785]	2013	ICAPS 2013	9	2	0	760	n/a
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[382]	2012	CPAIOR 2012	17	8	21	585	n/a
TerekhovDOB12 TerekhovDOB12	D. Terekhov, Mustafa K. Dogru, U. Özen, J. Christopher Beck	Solving two-machine assembly scheduling problems with inventory constraints	Yes	[766]	2012	Computers Industrial Engineering	15	8	48	1527	n/a
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[782]	2012	ECAI 2012	6	0	0	758	n/a
ZarandiB12 ZarandiB12	Mohammad M. Fazel-Zarandi, J. Christopher Beck	Using Logic-Based Benders Decomposition to Solve the Capacity- and Distance-Constrained Plant Location Problem	No	[280]	2012	INFORMS Journal on Computing	null	38	57	No	n/a
BajestaniB11 BajestaniB11	Maliheh Aramon Bajestani, J. Christopher Beck	Scheduling an Aircraft Repair Shop	Yes	[55]	2011	ICAPS 2011	8	2	0	435	n/a
BeckFW11 BeckFW11	J. Christopher Beck, T. K. Feng, J. Watson	Combining Constraint Programming and Local Search for Job-Shop Scheduling	Yes	[90]	2011	INFORMS Journal on Computing	14	43	23	1287	n/a
HeckmanB11 HeckmanB11	I. Heckman, J. Christopher Beck	Understanding the behavior of Solution-Guided Search for job-shop scheduling	Yes	[381]	2011	Journal of Scheduling	20	0	22	1379	n/a
KovacsB11 KovacsB11	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for unary resources	Yes	[467]	2011	Constraints An Int. J.	24	4	26	1409	1653
Beck10 Beck10	J. Christopher Beck	Checking-Up on Branch-and-Check	Yes	[85]	2010	CP 2010	15	19	11	448	n/a
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[124]	2009	Journal of Scheduling	30	58	20	1298	n/a
CarchraeB09 CarchraeB09	T. Carchrae, J. Christopher Beck	Principles for the Design of Large Neighborhood Search	Yes	[173]	2009	Journal of Mathematical Modelling and Algorithms	26	16	19	1315	n/a
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[838]	2009	Computers Operations Research	9	42	5	1547	n/a
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[466]	2008	Eng. Appl. Artif. Intell.	7	5	14	1408	n/a
WatsonB08 WatsonB08	J. Watson, J. Christopher Beck	A Hybrid Constraint Programming / Local Search Approach to the Job-Shop Scheduling Problem	Yes	[825]	2008	CPAIOR 2008	15	14	17	779	n/a
Beck07 Beck07	J. Christopher Beck	Solution-Guided Multi-Point Constructive Search for Job Shop Scheduling	Yes	[84]	2007	J. Artif. Intell. Res.	29	34	0	1282	n/a
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[99]	2007	J. Artif. Intell. Res.	50	27	0	1289	n/a
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[465]	2007	CPAIOR 2007	15	2	12	625	n/a
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[83]	2006	ICAPS 2006	10	0	0	447	n/a
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[98]	2005	IJCAI 2005	6	0	0	455	n/a
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[174]	2005	CP 2005	1	0	0	493	n/a
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[837]	2005	CP 2005	1	0	0	789	n/a

Table 29: Works from bibtex (Total 57)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[97]	2004	ECAI 2004	5	0	0	454	n/a
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[95]	2003	ICAPS 2003	10	0	0	453	n/a
BeckR03 BeckR03	J. Christopher Beck, P. Refalo	A Hybrid Approach to Scheduling with Earliness and Tardiness Costs	Yes	[96]	2003	Annals of Operations Research	23	29	0	1288	n/a
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[94]	2000	Artificial Intelligence	51	24	19	1284	n/a
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	Yes	[93]	2000	Artificial Intelligence	40	48	10	1285	n/a
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[82]	1999	University of Toronto, Canada	418	0	0	2978	n/a
BeckF99 BeckF99	J. Christopher Beck, Mark S. Fox	Scheduling Alternative Activities	Yes	[92]	1999	AAAI 1999	8	0	0	452	n/a
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	Yes	[86]	1998	Journal of Scheduling	37	9	0	1283	n/a
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[91]	1998	AI Mag.	30	0	0	1286	n/a
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[87]	1997	CP 1997	15	3	12	449	n/a
BeckDSF97 BeckDSF97	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Beyond Contention: Extending Texture-Based Scheduling Heuristics	Yes	[88]	1997	AAAI 1997	8	0	0	450	n/a
BeckDSF97a BeckDSF97a	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Texture-Based Heuristics for Scheduling Revisited	Yes	[89]	1997	AAAI 1997	8	0	0	451	n/a

D.2 34 Works by Michela Milano

Table 30: Works from bibtex (Total 34)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[149]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1307	n/a
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[145]	2016	CP 2016	17	0	11	481	872
BridiBLMB16 BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[158]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1310	n/a
BridiLBBM16 BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized DIspatching and Scheduling	Yes	[159]	2016	ECAI 2016	2	0	0	486	n/a
LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[518]	2015	CP 2015	16	0	8	653	n/a
BartoliniBBLM14 BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[78]	2014	CP 2014	16	12	3	445	n/a
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[141]	2014	Artificial Intelligence	28	8	15	1305	n/a
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[143]	2014	CPAIOR 2014	16	3	12	479	n/a
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[142]	2013	ICAPS 2013	5	1	0	478	n/a
LombardiM13 LombardiM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[525]	2013	ICAPS 2013	2	3	13	657	n/a
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[526]	2013	IEEE Transactions on Computers	14	28	29	1429	n/a
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[140]	2012	CPAIOR 2012	16	2	11	477	n/a
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[144]	2012	DC SIAAI 2012	3	0	0	480	n/a
LombardiM12 LombardiM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[524]	2012	Constraints An Int. J.	35	39	68	1427	1651
LombardiM12a LombardiM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[523]	2012	Artificial Intelligence	10	3	13	1428	n/a
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[119]	2011	Annals of Operations Research	27	18	16	1296	n/a
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[139]	2011	CP 2011	15	3	14	476	n/a
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[519]	2011	CPAIOR 2011	17	1	13	654	n/a
Milano11 Milano11	M. Milano	Constraint Programming Links with Math Programming	No	[571]	2011	Wiley Encyclopedia of Operations Research and Management Science	null	0	28	No	n/a
LombardiM10 LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[522]	2010	CP 2010	15	1	11	656	n/a
LombardiM10a LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[521]	2010	Artificial Intelligence	30	8	24	1426	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	[527]	2010	Journal of Scheduling	31	24	41	1430	n/a

Table 30: Works from bibtex (Total 34)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LombardiM09 LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations	Yes	[520]	2009	CP 2009	15	7	12	655	n/a
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[574]	2009	Annals of Operations Research	40	34	46	1451	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	[700]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1503	n/a
BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[117]	2008	CPAIOR 2008	15	12	13	465	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	[118]	2008	CP 2008	15	7	23	466	n/a
BeniniBGM06 BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[116]	2006	CPAIOR 2006	15	18	10	464	n/a
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[573]	2006	4OR	45	18	46	1450	n/a
BeniniBGM05 BeniniBGM05	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[115]	2005	CP 2005	15	25	21	463	n/a
MilanoORT02 MilanoORT02	M. Milano, G. Ottosson, P. Refalo, Erlendur S. Thorsteinsson	The Role of Integer Programming Techniques in Constraint Programming's Global Constraints	No	[572]	2002	INFORMS Journal on Computing	null	14	31	No	n/a
BosiM2001 BosiM2001	F. Bosi, M. Milano	Enhancing CLP branch and bound techniques for scheduling problems	Yes	[150]	2001	Software: Practice and Experience	26	3	12	1308	n/a
LammaMM97 LammaMM97	E. Lamma, P. Mello, M. Milano	A distributed constraint-based scheduler	Yes	[490]	1997	Artif. Intell. Eng.	15	11	7	1420	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	[162]	1996	ISMIS 1996	10	1	9	487	n/a

D.3 27 Works by Michele Lombardi

Table 31: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[149]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1307	n/a
CauwelaertLS18 CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[186]	2018	Constraints An Int. J.	36	2	39	1318	1630
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[145]	2016	CP 2016	17	0	11	481	872
BridiBLMB16 BridiBLMB16	T. Bridi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	A Constraint Programming Scheduler for Heterogeneous High-Performance Computing Machines	Yes	[158]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1310	n/a
BridiLBBM16 BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized DIspatching and Scheduling	Yes	[159]	2016	ECAI 2016	2	0	0	486	n/a
CauwelaertLS15 CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[185]	2015	CPAIOR 2015	10	12	0	497	874
LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[518]	2015	CP 2015	16	0	8	653	n/a
BartoliniBBLM14 BartoliniBBLM14	A. Bartolini, A. Borghesi, T. Bridi, M. Lombardi, M. Milano	Proactive Workload Dispatching on the EURORA Supercomputer	Yes	[78]	2014	CP 2014	16	12	3	445	n/a
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[141]	2014	Artificial Intelligence	28	8	15	1305	n/a
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[143]	2014	CPAIOR 2014	16	3	12	479	n/a
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[142]	2013	ICAPS 2013	5	1	0	478	n/a
LombardiM13 LombardiM13	M. Lombardi, M. Milano	A Min-Flow Algorithm for Minimal Critical Set Detection in Resource Constrained Project Scheduling	Yes	[525]	2013	ICAPS 2013	2	3	13	657	n/a
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[526]	2013	IEEE Transactions on Computers	14	28	29	1429	n/a
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[140]	2012	CPAIOR 2012	16	2	11	477	n/a
LombardiM12 LombardiM12	M. Lombardi, M. Milano	Optimal methods for resource allocation and scheduling: a cross-disciplinary survey	Yes	[524]	2012	Constraints An Int. J.	35	39	68	1427	1651
LombardiM12a LombardiM12a	M. Lombardi, M. Milano	A min-flow algorithm for Minimal Critical Set detection in Resource Constrained Project Scheduling	Yes	[523]	2012	Artificial Intelligence	10	3	13	1428	n/a
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[119]	2011	Annals of Operations Research	27	18	16	1296	n/a
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[139]	2011	CP 2011	15	3	14	476	n/a
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[519]	2011	CPAIOR 2011	17	1	13	654	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
LombardiM10 LombardiM10	M. Lombardi, M. Milano	Constraint Based Scheduling to Deal with Uncertain Durations and Self-Timed Execution	Yes	[522]	2010	CP 2010	15	1	11	656	n/a
LombardiM10a LombardiM10a	M. Lombardi, M. Milano	Allocation and scheduling of Conditional Task Graphs	Yes	[521]	2010	Artificial Intelligence	30	8	24	1426	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	[527]	2010	Journal of Scheduling	31	24	41	1430	n/a

Table 31: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LombardiM09 LombardiM09	M. Lombardi, M. Milano	A Precedence Constraint Posting Approach for the RCPSP with Time Lags and Variable Durations	Yes	[520]	2009	CP 2009	15	7	12	655	n/a
BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[117]	2008	CPAIOR 2008	15	12	13	465	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	[118]	2008	CP 2008	15	7	23	466	n/a
HoeveGSL07 HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[800]	2007	AAAI 2007	6	0	0	593	n/a

D.4 27 Works by Andreas Schutt

Table 32: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Time Table Edge Finding with Energy Variables	Yes	[839]	2019	CPAIOR 2019	10	1	14	790	n/a
GoldwaserS18 GoldwaserS18	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[332]	2018	J. Artif. Intell. Res.	32	8	0	1356	1632
KreterSSZ18 KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[475]	2018	European Journal of Operational Research	15	25	31	1412	n/a
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[594]	2018	CPAIOR 2018	17	7	23	685	n/a
GoldwaserS17 GoldwaserS17	A. Goldwaser, A. Schutt	Optimal Torpedo Scheduling	Yes	[331]	2017	CP 2017	16	0	10	567	868
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[474]	2017	Constraints An Int. J.	31	15	20	1411	1635
YoungFS17 YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[843]	2017	CP 2017	10	6	21	792	870
SchuttS16 SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[722]	2016	CP 2016	17	3	23	727	n/a
SzerediS16 SzerediS16	R. Szeredi, A. Schutt	Modelling and Solving Multi-mode Resource-Constrained Project Scheduling	Yes	[754]	2016	CP 2016	10	9	14	743	n/a
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[268]	2015	CP 2015	18	3	12	534	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
KreterSS15 KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[473]	2015	CP 2015	17	7	16	630	n/a
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[721]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[350]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[771]	2014	J. Heuristics	34	19	18	1529	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	[193]	2013	IJCAI 2013	7	0	0	501	n/a
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[349]	2013	CPAIOR 2013	7	10	24	576	883
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[716]	2013	CP 2013	17	10	20	724	n/a
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[715]	2013	CPAIOR 2013	17	20	27	725	886
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[720]	2013	Journal of Scheduling	17	43	23	1513	1648
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[714]	2012	CPAIOR 2012	17	18	21	723	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[713]	2011	University of Melbourne, Australia	209	0	0	3000	n/a
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[719]	2011	Constraints An Int. J.	33	57	23	1512	1656

Table 32: Works from bibtex (Total 27)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SchuttW10 SchuttW10	A. Schutt, A. Wolf	A New $O(n^2 \log n)$ Not-First/Not-Last Pruning Algorithm for Cumulative Resource Constraints	Yes	[723]	2010	CP 2010	15	13	14	728	n/a
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[717]	2009	CP 2009	16	34	11	726	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	[724]	2005	INAP 2005	15	6	4	729	n/a

D.5 25 Works by Peter J. Stuckey

Table 33: Works from bibtex (Total 25)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokGSTO20 GokGSTO20	Yagmur S. Gök, D. Guimarans, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[328]	2020	CPAIOR 2020	17	2	14	566	n/a
YangSS19 YangSS19	M. Yang, A. Schutt, Peter J. Stuckey	Time Table Edge Finding with Energy Variables	Yes	[839]	2019	CPAIOR 2019	10	1	14	790	n/a
DemirovicS18 DemirovicS18	E. Demirovic, Peter J. Stuckey	Constraint Programming for High School Timetabling: A Scheduling-Based Model with Hot Starts	Yes	[232]	2018	CPAIOR 2018	18	4	16	517	n/a
KreterSSZ18 KreterSSZ18	S. Kreter, A. Schutt, Peter J. Stuckey, J. Zimmermann	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems	Yes	[475]	2018	European Journal of Operational Research	15	25	31	1412	n/a
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[594]	2018	CPAIOR 2018	17	7	23	685	n/a
KreterSS17 KreterSS17	S. Kreter, A. Schutt, Peter J. Stuckey	Using constraint programming for solving RCPSP/max-cal	Yes	[474]	2017	Constraints An Int. J.	31	15	20	1411	1635
BlomPS16 BlomPS16	Michelle L. Blom, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods	Yes	[130]	2016	Manag. Sci.	26	20	36	1301	n/a
SchuttS16 SchuttS16	A. Schutt, Peter J. Stuckey	Explaining Producer/Consumer Constraints	Yes	[722]	2016	CP 2016	17	3	23	727	n/a
BurtLPS15 BurtLPS15	Christina N. Burt, N. Lipovetzky, Adrian R. Pearce, Peter J. Stuckey	Scheduling with Fixed Maintenance, Shared Resources and Nonlinear Feedrate Constraints: A Mine Planning Case Study	Yes	[164]	2015	CPAIOR 2015	17	0	8	488	n/a
KreterSS15 KreterSS15	S. Kreter, A. Schutt, Peter J. Stuckey	Modeling and Solving Project Scheduling with Calendars	Yes	[473]	2015	CP 2015	17	7	16	630	n/a
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[721]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
BlomBPS14 BlomBPS14	Michelle L. Blom, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines	Yes	[129]	2014	INFORMS Journal on Computing	19	15	47	1300	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[350]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
LipovetzkyBPS14 LipovetzkyBPS14	N. Lipovetzky, Christina N. Burt, Adrian R. Pearce, Peter J. Stuckey	Planning for Mining Operations with Time and Resource Constraints	Yes	[511]	2014	ICAPS 2014	9	5	0	649	n/a
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[349]	2013	CPAIOR 2013	7	10	24	576	883
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[716]	2013	CP 2013	17	10	20	724	n/a
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[715]	2013	CPAIOR 2013	17	20	27	725	886
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[720]	2013	Journal of Scheduling	17	43	23	1513	1648
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[351]	2012	CP 2012	15	5	20	577	n/a
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[714]	2012	CPAIOR 2012	17	18	21	723	n/a
BandaSC11 BandaSC11	Maria Garcia de la Banda, Peter J. Stuckey, G. Chu	Solving Talent Scheduling with Dynamic Programming	Yes	[225]	2011	INFORMS Journal on Computing	18	24	17	1274	n/a
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[719]	2011	Constraints An Int. J.	33	57	23	1512	1656

Table 33: Works from bibtex (Total 25)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
OhrimenkoSC09 OhrimenkoSC09	O. Ohrimenko, Peter J. Stuckey, M. Codish	Propagation via lazy clause generation	Yes	[628]	2009	Constraints An Int. J.	35	127	15	1474	n/a
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[717]	2009	CP 2009	16	34	11	726	n/a

D.6 25 Works by John N. Hooker

Table 34: Works from bibtex (Total 25)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ElciOH22 ElciOH22	Özgün Elçi, John N. Hooker	Stochastic Planning and Scheduling with Logic-Based Benders Decomposition	Yes	[255]	2022	INFORMS Journal on Computing	21	2	34	1334	n/a
HechingHK19 HechingHK19	A. Heching, John N. Hooker, R. Kimura	A Logic-Based Benders Approach to Home Healthcare Delivery	No	[379]	2019	Transportation Science	null	35	29	No	n/a
Hooker19 Hooker19	John N. Hooker	Logic-Based Benders Decomposition for Large-Scale Optimization	Yes	[410]	2019	Large Scale Optimization in Supply Chains and Smart Manufacturing	26	8	0	3028	n/a
Hooker17 Hooker17	John N. Hooker	Job Sequencing Bounds from Decision Diagrams	Yes	[409]	2017	CP 2017	14	6	24	597	n/a
HookerH17 HookerH17	John N. Hooker, Willem-Jan van Hoeve	Constraint programming and operations research	Yes	[414]	2017	Constraints An Int. J.	24	12	189	1388	n/a
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[199]	2016	The Knowledge Engineering Review	12	15	21	1320	n/a
HechingH16 HechingH16	Aliza R. Heching, John N. Hooker	Scheduling Home Hospice Care with Logic-Based Benders Decomposition	Yes	[380]	2016	CPAIOR 2016	11	10	0	584	n/a
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[370]	2014	Computers Chemical Engineering	33	381	176	1376	n/a
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[198]	2013	CPAIOR 2013	7	3	23	505	882
CobanH11 CobanH11	E. Coban, John N. Hooker	Single-facility scheduling by logic-based Benders decomposition	Yes	[204]	2011	Annals of Operations Research	28	14	37	1322	n/a
CobanH10 CobanH10	E. Coban, John N. Hooker	Single-Facility Scheduling over Long Time Horizons by Logic-Based Benders Decomposition	Yes	[203]	2010	CPAIOR 2010	5	9	9	507	n/a
Hooker10 Hooker10	John N. Hooker	Hybrid Modeling	No	[408]	2010	Hybrid Optimization	null	9	39	No	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[407]	2007	Operations Research	29	181	19	1387	n/a
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[405]	2006	Constraints An Int. J.	19	19	13	1386	1659
Hooker06a Hooker06a	John N. Hooker	Operations Research Methods in Constraint Programming	No	[406]	2006	Foundations of Artificial Intelligence	null	11	44	No	n/a
Hooker05 Hooker05	John N. Hooker	A Hybrid Method for the Planning and Scheduling	Yes	[402]	2005	Constraints An Int. J.	17	68	11	1385	1660
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[403]	2005	CP 2005	14	30	10	595	n/a
Hooker05b Hooker05b	John N. Hooker	A Search-Infer-and-Relax Framework for Integrating Solution Methods	Yes	[404]	2005	CPAIOR 2005	15	7	19	596	n/a
Hooker04 Hooker04	John N. Hooker	A Hybrid Method for Planning and Scheduling	Yes	[401]	2004	CP 2004	12	39	9	594	n/a
HookerO03 HookerO03	John N. Hooker, G. Ottosson	Logic-based Benders decomposition	Yes	[412]	2003	Mathematical Programming	28	317	0	1389	n/a
Hooker02 Hooker02	John N. Hooker	Logic, Optimization, and Constraint Programming	No	[400]	2002	INFORMS Journal on Computing	null	94	84	No	n/a
HookerY02 HookerY02	John N. Hooker, H. Yan	A Relaxation of the Cumulative Constraint	Yes	[415]	2002	CP 2002	5	8	7	598	n/a
Hooker00 Hooker00	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[399]	2000	Book	null	185	0	No	n/a
HookerOTK00 HookerOTK00	John N. Hooker, G. Ottosson, Erlender S. Thorsteinsson, H. Kim	A scheme for unifying optimization and constraint satisfaction methods	Yes	[413]	2000	The Knowledge Engineering Review	20	30	0	1391	n/a
HookerO99 HookerO99	John N. Hooker, M. Osorio	Mixed logical-linear programming	Yes	[411]	1999	Discrete Applied Mathematics	48	92	48	1390	n/a

D.7 21 Works by Mark G. Wallace

Table 35: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
WallaceY20 WallaceY20	Mark G. Wallace, N. Yorke-Smith	A new constraint programming model and solving for the cyclic hoist scheduling problem	Yes	[818]	2020	Constraints An Int. J.	19	5	18	1543	1623
He0GLW18 He0GLW18	S. He, Mark G. Wallace, G. Gange, A. Liebman, C. Wilson	A Fast and Scalable Algorithm for Scheduling Large Numbers of Devices Under Real-Time Pricing	Yes	[375]	2018	CP 2018	18	6	26	581	866
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[721]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[350]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[771]	2014	J. Heuristics	34	19	18	1529	n/a
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[720]	2013	Journal of Scheduling	17	43	23	1513	1648
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[351]	2012	CP 2012	15	5	20	577	n/a
SchuttCSW12 SchuttCSW12	A. Schutt, G. Chu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value for Resource-Constrained Project Scheduling	Yes	[714]	2012	CPAIOR 2012	17	18	21	723	n/a
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[719]	2011	Constraints An Int. J.	33	57	23	1512	1656
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[574]	2009	Annals of Operations Research	40	34	46	1451	n/a
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[717]	2009	CP 2009	16	34	11	726	n/a
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[573]	2006	4OR	45	18	46	1450	n/a
Wallace06 Wallace06	Mark G. Wallace	Hybrid Algorithms in Constraint Programming	Yes	[817]	2006	CSCLP 2006	32	1	35	776	n/a
AjiliW04 AjiliW04	F. Ajili, Mark G. Wallace	Hybrid Problem Solving in ECLiPSe	No	[17]	2004	Constraint and Integer Programming	null	4	24	No	n/a
EreminW01 EreminW01	A. Eremin, Mark G. Wallace	Hybrid Benders Decomposition Algorithms in Constraint Logic Programming	Yes	[262]	2001	CP 2001	15	27	7	531	n/a
SakkoutW00 SakkoutW00	Hani El Sakkout, Mark G. Wallace	Probe Backtrack Search for Minimal Perturbation in Dynamic Scheduling	Yes	[706]	2000	Constraints An Int. J.	30	73	0	1507	1664
RodosekWH99 RodosekWH99	R. Rodosek, Mark G. Wallace, M. Hajian	A new approach to integrating mixed integer programming and constraint logic programming	Yes	[688]	1999	Annals of Operations Research	25	53	0	1496	n/a
RodosekW98 RodosekW98	R. Rodosek, Mark G. Wallace	A Generic Model and Hybrid Algorithm for Hoist Scheduling Problems	Yes	[687]	1998	CP 1998	15	19	10	716	n/a
Wallace96 Wallace96	Mark G. Wallace	Practical Applications of Constraint Programming	Yes	[816]	1996	Constraints An Int. J.	30	87	55	1542	1671
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[815]	1994	Constraint Programming 1994	19	0	0	No	n/a

D.8 21 Works by Pierre Lopez

Table 36: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JuvinHHL23 JuvinHHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[433]	2023	CP 2023	16	0	0	607	808
JuvinHL23 JuvinHL23	C. Juvin, L. Houssin, P. Lopez	Constraint Programming for the Robust Two-Machine Flow-Shop Scheduling Problem with Budgeted Uncertainty	Yes	[435]	2023	CPAIOR 2023	16	0	11	608	809
JuvinHL23a JuvinHL23a	C. Juvin, L. Houssin, P. Lopez	Logic-based Benders decomposition for the preemptive flexible job-shop scheduling problem	Yes	[436]	2023	Computers Operations Research	17	0	40	1400	n/a
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[376]	2022	IJCAI 2022	7	0	0	582	n/a
JuvinHL22 JuvinHL22	C. Juvin, L. Houssin, P. Lopez	Logic-Based Benders Decomposition for the Preemptive Flexible Job-Shop Scheduling Problem	Yes	[434]	2022	SSRN Electronic Journal	32	0	29	1399	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	[662]	2020	International Journal of Production Research	18	8	23	1488	1621
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	[607]	2019	Discret. Appl. Math.	16	5	12	1465	n/a
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[604]	2017	Constraints An Int. J.	18	5	10	1462	1636
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	[605]	2016	OR Spectrum	34	10	15	1463	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	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[735]	2015	Constraints An Int. J.	23	4	5	1517	1643
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	Yes	[44]	2014	Journal of Scheduling	17	11	19	1266	n/a
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	Yes	[45]	2013	International Journal of Production Economics	11	76	16	1267	n/a
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[125]	2012	CPAIOR 2012	15	1	19	470	n/a
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[734]	2012	CP 2012	15	3	8	733	887
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	[488]	2011	CPAIOR 2011	14	3	15	637	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	[789]	2011	Computers Industrial Engineering	7	11	17	1536	n/a
BriandHHL08 BriandHHL08	C. Briand, M. Huguet, Hoang Trung La, P. Lopez	Constraint-based Approaches for Robust Scheduling	No	[157]	2008	Flexibility and Robustness in Scheduling	null	1	22	No	n/a
EsquirolLH2008 EsquirolLH2008	P. Esquirol, P. Lopez, M. Huguet	Constraint Propagation and Scheduling	No	[266]	2008	Production Scheduling	null	0	28	No	n/a
LopezAKYG00 LopezAKYG00	P. Lopez, H. Alla, O. Korbaa, P. Yim, J. Gentina	Discussion on: 'Solving Transient Scheduling Problems with Constraint Programming' by O. Korbaa, P. Yim, and J.-C. Gentina	Yes	[529]	2000	Eur. J. Control	4	0	0	1432	n/a

Table 36: Works from bibtex (Total 21)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TorresL00 TorresL00	P. Torres, P. Lopez	On Not-First/Not-Last conditions in disjunctive scheduling	Yes	[778]	2000	European Journal of Operational Research	12	26	13	1532	n/a

D.9 19 Works by Christian Artigues

Table 37: Works from bibtex (Total 19)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[665]	2023	CP 2023	21	0	0	705	814
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[376]	2022	IJCAI 2022	7	0	0	582	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	[660]	2022	European Journal of Operational Research	16	4	31	1487	n/a
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[43]	2021	ICORES 2021	8	0	0	430	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	[662]	2020	International Journal of Production Research	18	8	23	1488	1621
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	[607]	2019	Discret. Appl. Math.	16	5	12	1465	n/a
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[604]	2017	Constraints An Int. J.	18	5	10	1462	1636
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	[605]	2016	OR Spectrum	34	10	15	1463	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	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[733]	2015	CP 2015	10	4	17	732	879
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[735]	2015	Constraints An Int. J.	23	4	5	1517	1643
ArtiguesL14 ArtiguesL14	C. Artigues, P. Lopez	Energetic reasoning for energy-constrained scheduling with a continuous resource	Yes	[44]	2014	Journal of Scheduling	17	11	19	1266	n/a
ArtiguesLH13 ArtiguesLH13	C. Artigues, P. Lopez, A. Haït	The energy scheduling problem: Industrial case-study and constraint propagation techniques	Yes	[45]	2013	International Journal of Production Economics	11	76	16	1267	n/a
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[734]	2012	CP 2012	15	3	8	733	887
ArtiguesF07 ArtiguesF07	C. Artigues, D. Feillet	A branch and bound method for the job-shop problem with sequence-dependent setup times	Yes	[42]	2007	Annals of Operations Research	25	49	32	1265	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	[623]	2006	Perspectives in Modern Project Scheduling	null	3	34	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	[231]	2005	INFORMS Journal on Computing	18	43	25	1329	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	[40]	2004	CPAIOR 2004	13	16	9	429	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	[46]	2000	European Journal of Operational Research	20	84	3	1268	n/a

D.10 17 Works by Emmanuel Hebrard

Table 38: Works from bibtex (Total 17)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
JuvinHHL23 JuvinHHL23	C. Juvin, E. Hebrard, L. Houssin, P. Lopez	An Efficient Constraint Programming Approach to Preemptive Job Shop Scheduling	Yes	[433]	2023	CP 2023	16	0	0	607	808
HebrardALLCMR22 HebrardALLCMR22	E. Hebrard, C. Artigues, P. Lopez, A. Lusson, Steve A. Chien, A. Maillard, Gregg R. Rabideau	An Efficient Approach to Data Transfer Scheduling for Long Range Space Exploration	Yes	[376]	2022	IJCAI 2022	7	0	0	582	n/a
AntuoriHHEN21 AntuoriHHEN21	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Combining Monte Carlo Tree Search and Depth First Search Methods for a Car Manufacturing Workshop Scheduling Problem	Yes	[30]	2021	CP 2021	16	0	0	424	834
ArtiguesHQT21 ArtiguesHQT21	C. Artigues, E. Hebrard, A. Quilliot, H. Toussaint	Multi-Mode RCPSP with Safety Margin Maximization: Models and Algorithms	Yes	[43]	2021	ICORES 2021	8	0	0	430	n/a
AntuoriHHEN20 AntuoriHHEN20	V. Antuori, E. Hebrard, M. Huguet, S. Essodaigui, A. Nguyen	Leveraging Reinforcement Learning, Constraint Programming and Local Search: A Case Study in Car Manufacturing	Yes	[29]	2020	CP 2020	16	3	8	423	845
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	[326]	2020	AAAI 2020	8	1	0	565	847
HebrardHJMPV16 HebrardHJMPV16	E. Hebrard, M. Huguet, N. Jozefowiez, A. Maillard, C. Pralet, G. Verfaillie	Approximation of the parallel machine scheduling problem with additional unit resources	Yes	[377]	2016	Discret. Appl. Math.	10	9	8	1378	n/a
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[341]	2015	INFORMS Journal on Computing	17	12	41	1359	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[733]	2015	CP 2015	10	4	17	732	879
SimoninAHL15 SimoninAHL15	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling scientific experiments for comet exploration	Yes	[735]	2015	Constraints An Int. J.	23	4	5	1517	1643
BessiereHMQW14 BessiereHMQW14	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[123]	2014	CPAIOR 2014	16	1	3	469	n/a
BillautHL12 BillautHL12	J. Billaut, E. Hebrard, P. Lopez	Complete Characterization of Near-Optimal Sequences for the Two-Machine Flow Shop Scheduling Problem	Yes	[125]	2012	CPAIOR 2012	15	1	19	470	n/a
SimoninAHL12 SimoninAHL12	G. Simonin, C. Artigues, E. Hebrard, P. Lopez	Scheduling Scientific Experiments on the Rosetta/Philae Mission	Yes	[734]	2012	CP 2012	15	3	8	733	887
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[340]	2011	CP 2011	17	5	18	571	n/a
GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[339]	2010	CPAIOR 2010	15	13	20	570	n/a
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[342]	2009	CP 2009	9	15	12	572	n/a
HebrardTW05 HebrardTW05	E. Hebrard, P. Tyler, T. Walsh	Computing Super-Schedules	Yes	[378]	2005	CP 2005	1	0	3	583	n/a

D.11 17 Works by Helmut Simonis

Table 39: Works from bibtex (Total 17)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[37]	2022	CPAIOR 2022	13	0	14	427	820
ArmstrongGOS21 ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[36]	2021	CP 2021	18	1	0	426	835
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
HurleyOS16 HurleyOS16	B. Hurley, B. O'Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[420]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3029	n/a
KinsellaS0OS16 KinsellaS0OS16	A. Kinsella, Alan F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis	Optimizing Energy Costs in a Zinc and Lead Mine	Yes	[452]	2016	AAAI 2016	6	1	0	617	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	[343]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1360	n/a
IfrimOS12 IfrimOS12	G. Ifrim, B. O'Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[421]	2012	CP 2012	16	6	20	601	n/a
SimonisH11 SimonisH11	H. Simonis, T. Hadzic	A Resource Cost Aware Cumulative	Yes	[742]	2011	CSCLP 2011	14	3	9	738	n/a
Simonis07 Simonis07	H. Simonis	Models for Global Constraint Applications	Yes	[739]	2007	Constraints An Int. J.	30	10	17	1518	1658
SimonisCK00 SimonisCK00	H. Simonis, P. Charlier, P. Kay	Constraint Handling in an Integrated Transportation Problem	Yes	[740]	2000	IEEE Intell. Syst.	7	11	5	1519	n/a
Simonis99 Simonis99	H. Simonis	Building Industrial Applications with Constraint Programming	Yes	[738]	1999	CCL'99 1999	39	5	18	736	n/a
Simonis95 Simonis95	H. Simonis	The CHIP System and Its Applications	Yes	[737]	1995	CP 1995	4	7	3	734	n/a
Simonis95a Simonis95a	H. Simonis	Application Development with the CHIP System	Yes	[736]	1995	CONTESSA 1995	21	1	12	735	n/a
SimonisC95 SimonisC95	H. Simonis, T. Cornelissens	Modelling Producer/Consumer Constraints	Yes	[741]	1995	CP 1995	14	17	8	737	n/a
DincbasS91 DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[240]	1991	ASTAIR 1991	13	0	0	522	n/a
DincbasSH90 DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[241]	1990	The Journal of Logic Programming	19	86	9	1330	n/a

D.12 16 Works by Pierre Schaus

Table 40: Works from bibtex (Total 16)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[187]	2020	Journal of Scheduling	19	2	21	1317	1614
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[772]	2020	CPAIOR 2020	18	0	16	753	853
HoundjiSW19 HoundjiSW19	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey	The item dependent stockingcost constraint	Yes	[416]	2019	Constraints An Int. J.	27	0	17	1392	1625
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[172]	2018	CP 2018	17	6	31	492	865
CauwelaertLS18 CauwelaertLS18	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	How efficient is a global constraint in practice? - A fair experimental framework	Yes	[186]	2018	Constraints An Int. J.	36	2	39	1318	1630
CappartS17 CappartS17	Q. Cappart, P. Schaus	Rescheduling Railway Traffic on Real Time Situations Using Time-Interval Variables	Yes	[171]	2017	CPAIOR 2017	16	2	28	491	867
CauwelaertDMS16 CauwelaertDMS16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus	Efficient Filtering for the Unary Resource with Family-Based Transition Times	Yes	[184]	2016	CP 2016	16	1	12	496	873
CauwelaertLS15 CauwelaertLS15	Sascha Van Cauwelaert, M. Lombardi, P. Schaus	Understanding the Potential of Propagators	Yes	[185]	2015	CPAIOR 2015	10	12	0	497	874
DejemeppeCS15 DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[228]	2015	CP 2015	16	5	11	515	875
GayHLS15 GayHLS15	S. Gay, R. Hartert, C. Lecoutre, P. Schaus	Conflict Ordering Search for Scheduling Problems	Yes	[304]	2015	CP 2015	9	20	15	550	876
GayHS15 GayHS15	S. Gay, R. Hartert, P. Schaus	Simple and Scalable Time-Table Filtering for the Cumulative Constraint	Yes	[305]	2015	CP 2015	9	10	9	551	877
GayHS15a GayHS15a	S. Gay, R. Hartert, P. Schaus	Time-Table Disjunctive Reasoning for the Cumulative Constraint	Yes	[306]	2015	CPAIOR 2015	16	5	12	552	878
GaySS14 GaySS14	S. Gay, P. Schaus, Vivian De Smedt	Continuous Casting Scheduling with Constraint Programming	Yes	[307]	2014	CP 2014	15	7	11	553	n/a
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[417]	2014	CP 2014	16	5	7	599	881
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[709]	2011	Constraints An Int. J.	23	14	5	1508	1655
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[708]	2008	AAAI 2008	6	0	0	722	n/a

D.13 15 Works by Nicolas Beldiceanu

Table 41: Works from bibtex (Total 15)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Madi-WambaLOBM17 Madi-WambaLOBM17	G. Madi-Wamba, Y. Li, A. Orgerie, N. Beldiceanu, J. Menaud	Green Energy Aware Scheduling Problem in Virtualized Datacenters	Yes	[543]	2017	ICPADS 2017	8	1	8	664	n/a
Madi-WambaB16 Madi-WambaB16	G. Madi-Wamba, N. Beldiceanu	The TaskIntersection Constraint	Yes	[542]	2016	CPAIOR 2016	16	0	0	663	n/a
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[499]	2015	Constraints An Int. J.	52	2	14	1421	1639
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint	Yes	[498]	2013	CPAIOR 2013	16	3	10	641	885
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[497]	2012	CP 2012	16	18	12	640	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	[106]	2011	Annals of Operations Research	24	8	8	1293	n/a
ClercqPBJ11 ClercqPBJ11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[202]	2011	CP 2011	16	3	11	506	n/a
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[107]	2008	CPAIOR 2008	15	8	9	459	n/a
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[658]	2008	ICAPS 2008	8	0	0	702	n/a
BeldiceanuP07 BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production	Yes	[109]	2007	CPAIOR 2007	15	4	7	460	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	[659]	2004	European Journal of Operational Research	16	7	8	1486	n/a
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[105]	2002	CP 2002	17	33	9	458	n/a
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[104]	2001	CP 2001	15	34	0	457	n/a
BeldiceanuC94 BeldiceanuC94	N. Beldiceanu, E. Contejean	Introducing Global Constraints in CHIP	Yes	[108]	1994	Mathematical and Computer Modelling	27	167	8	1292	n/a
AggounB93 AggounB93	A. Aggoun, N. Beldiceanu	Extending CHIP in order to solve complex scheduling and placement problems	Yes	[12]	1993	Mathematical and Computer Modelling	17	187	11	1259	n/a

D.14 15 Works by Luca Benini

Table 42: Works from bibtex (Total 15)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BorghesiBLMB18 BorghesiBLMB18	A. Borghesi, A. Bartolini, M. Lombardi, M. Milano, L. Benini	Scheduling-based power capping in high performance computing systems	Yes	[149]	2018	Sustain. Comput. Informatics Syst.	13	11	22	1307	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	[158]	2016	IEEE Trans. Parallel Distributed Syst.	14	17	22	1310	n/a
BridiLBBM16 BridiLBBM16	T. Bridi, M. Lombardi, A. Bartolini, L. Benini, M. Milano	DARDIS: Distributed And Randomized DIspatching and Scheduling	Yes	[159]	2016	ECAI 2016	2	0	0	486	n/a
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[141]	2014	Artificial Intelligence	28	8	15	1305	n/a
LombardiMB13 LombardiMB13	M. Lombardi, M. Milano, L. Benini	Robust Scheduling of Task Graphs under Execution Time Uncertainty	Yes	[526]	2013	IEEE Transactions on Computers	14	28	29	1429	n/a
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[140]	2012	CPAIOR 2012	16	2	11	477	n/a
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[119]	2011	Annals of Operations Research	27	18	16	1296	n/a
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[139]	2011	CP 2011	15	3	14	476	n/a
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[519]	2011	CPAIOR 2011	17	1	13	654	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	[527]	2010	Journal of Scheduling	31	24	41	1430	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	[700]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1503	n/a
BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[117]	2008	CPAIOR 2008	15	12	13	465	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	[118]	2008	CP 2008	15	7	23	466	n/a
BeniniBGM06 BeniniBGM06	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation, Scheduling and Voltage Scaling on Energy Aware MPSoCs	Yes	[116]	2006	CPAIOR 2006	15	18	10	464	n/a
BeniniBGM05 BeniniBGM05	L. Benini, D. Bertozzi, A. Guerri, M. Milano	Allocation and Scheduling for MPSoCs via Decomposition and No-Good Generation	Yes	[115]	2005	CP 2005	15	25	21	463	n/a

D.15 13 Works by Philippe Baptiste

Table 43: Works from bibtex (Total 13)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteB18 BaptisteB18	P. Baptiste, N. Bonifas	Redundant cumulative constraints to compute preemptive bounds	Yes	[62]	2018	Discret. Appl. Math.	10	3	13	1275	n/a
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[61]	2009	CP 2009	1	0	0	437	n/a
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[63]	2006	Handbook of Constraint Programming	39	30	25	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	[623]	2006	Perspectives in Modern Project Scheduling	null	3	34	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	[47]	2005	CP 2005	15	3	11	431	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[67]	2001	Book	null	296	0	No	n/a
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[66]	2000	Constraints An Int. J.	21	46	0	1276	1662
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[64]	1999	Annals of Operations Research	29	72	0	1277	n/a
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[644]	1998	Constraints An Int. J.	25	14	0	1482	1668
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[65]	1997	CP 1997	15	8	10	439	n/a
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[643]	1997	PACT 1997	20	0	0	No	n/a
PapeB96 PapeB96	Claude Le Pape, P. Baptiste	Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case	No	[642]	1996	ECAI 1996	5	0	0	No	n/a

D.16 13 Works by Philippe Laborie

Table 44: Works from bibtex (Total 13)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LunardiBLRV20 LunardiBLRV20	Willian T. Lunardi, Ernesto G. Birgin, P. Laborie, Débora P. Ronconi, H. Voos	Mixed Integer linear programming and constraint programming models for the online printing shop scheduling problem	Yes	[536]	2020	Computers Operations Research	20	30	18	1435	1618
Laborie18a Laborie18a	P. Laborie	An Update on the Comparison of MIP, CP and Hybrid Approaches for Mixed Resource Allocation and Scheduling	Yes	[483]	2018	CPAIOR 2018	9	18	10	635	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	[484]	2018	Constraints An Int. J.	41	148	35	1418	1633
MelgarejoLS15 MelgarejoLS15	P. Aguiar-Melgarejo, P. Laborie, C. Solnon	A Time-Dependent No-Overlap Constraint: Application to Urban Delivery Problems	Yes	[15]	2015	CPAIOR 2015	17	14	17	670	n/a
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[812]	2015	CPAIOR 2015	17	31	19	775	n/a
LaborieR14 LaborieR14	P. Laborie, J. Rogerie	Temporal linear relaxation in IBM ILOG CP Optimizer	Yes	[485]	2014	Journal of Scheduling	10	17	13	1417	n/a
BidotVLB09 BidotVLB09	J. Bidot, T. Vidal, P. Laborie, J. Christopher Beck	A theoretic and practical framework for scheduling in a stochastic environment	Yes	[124]	2009	Journal of Scheduling	30	58	20	1298	n/a
Laborie09 Laborie09	P. Laborie	IBM ILOG CP Optimizer for Detailed Scheduling Illustrated on Three Problems	Yes	[482]	2009	CPAIOR 2009	15	53	2	634	n/a
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[63]	2006	Handbook of Constraint Programming	39	30	25	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	[623]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[324]	2005	ICAPS 2005	9	0	0	564	n/a
Laborie03 Laborie03	P. Laborie	Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results	Yes	[481]	2003	Artificial Intelligence	38	128	10	1416	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[283]	2000	AIPS 2000	10	0	0	536	n/a

D.17 13 Works by Pascal Van Hentenryck

Table 45: Works from bibtex (Total 13)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KotaryFH22 KotaryFH22	J. Kotary, F. Fioretto, Pascal Van Hentenryck	Fast Approximations for Job Shop Scheduling: A Lagrangian Dual Deep Learning Method	Yes	[464]	2022	AAAI 2022	8	0	0	624	824
KletzanderMH21 KletzanderMH21	L. Kletzander, N. Musliu, Pascal Van Hentenryck	Branch and Price for Bus Driver Scheduling with Complex Break Constraints	Yes	[457]	2021	AAAI 2021	9	2	0	621	n/a
FontaineMH16 FontaineMH16	D. Fontaine, Laurent D. Michel, Pascal Van Hentenryck	Parallel Composition of Scheduling Solvers	Yes	[285]	2016	CPAIOR 2016	11	3	0	537	n/a
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[268]	2015	CP 2015	18	3	12	534	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[709]	2011	Constraints An Int. J.	23	14	5	1508	1655
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[580]	2009	ICAPS 2009	8	9	0	675	n/a
DoomsH08 DoomsH08	G. Dooms, Pascal Van Hentenryck	Gap Reduction Techniques for Online Stochastic Project Scheduling	Yes	[244]	2008	CPAIOR 2008	16	1	2	524	n/a
HentenryckM08 HentenryckM08	Pascal Van Hentenryck, L. Michel	The Steel Mill Slab Design Problem Revisited	Yes	[392]	2008	CPAIOR 2008	5	13	3	589	n/a
MercierH08 MercierH08	L. Mercier, Pascal Van Hentenryck	Edge Finding for Cumulative Scheduling	Yes	[567]	2008	INFORMS Journal on Computing	21	32	5	1449	n/a
MercierH07 MercierH07	L. Mercier, Pascal Van Hentenryck	Strong polynomiality of resource constraint propagation	Yes	[568]	2007	Discrete Optimization	27	5	8	1448	n/a
HentenryckM04 HentenryckM04	Pascal Van Hentenryck, L. Michel	Scheduling Abstractions for Local Search	Yes	[391]	2004	CPAIOR 2004	16	12	14	588	n/a
DincbasSH90 DincbasSH90	M. Dincbas, H. Simonis, Pascal Van Hentenryck	Solving Large Combinatorial Problems in Logic Programming	Yes	[241]	1990	The Journal of Logic Programming	19	86	9	1330	n/a

D.18 11 Works by Roman Barták

Table 46: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SvancaraB22 SvancaraB22	J. Svancara, R. Barták	Tackling Train Routing via Multi-agent Pathfinding and Constraint-based Scheduling	Yes	[753]	2022	ICAART 2022	8	0	0	742	n/a
JelinekB16 JelinekB16	J. Jelínek, R. Barták	Using Constraint Logic Programming to Schedule Solar Array Operations on the International Space Station	Yes	[427]	2016	PADL 2016	10	0	5	602	n/a
BartakV15 BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[77]	2015	ICAART 2015	12	0	0	444	n/a
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[73]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
BartakS11 BartakS11	R. Barták, Miguel A. Salido	Constraint satisfaction for planning and scheduling problems	Yes	[75]	2011	Constraints An Int. J.	5	17	3	1279	1652
BartakCS10 BartakCS10	R. Barták, O. Cepek, P. Surynek	Discovering implied constraints in precedence graphs with alternatives	Yes	[74]	2010	Annals of Operations Research	31	2	9	1278	n/a
BartakSR10 BartakSR10	R. Barták, Miguel A. Salido, F. Rossi	New trends in constraint satisfaction, planning, and scheduling: a survey	Yes	[76]	2010	Knowl. Eng. Rev.	31	28	47	1281	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	[811]	2005	Constraints An Int. J.	23	21	5	1540	1661
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[810]	2004	CP 2004	15	13	4	774	n/a
Bartak02 Bartak02	R. Barták	Visopt ShopFloor: On the Edge of Planning and Scheduling	Yes	[72]	2002	CP 2002	16	6	4	442	n/a
Bartak02a Bartak02a	R. Barták	Visopt ShopFloor: Going Beyond Traditional Scheduling	Yes	[71]	2002	ERCIM/CologNet 2002	15	1	9	443	n/a

D.19 11 Works by Claude Le Pape

Table 47: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[63]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
DannaP04 DannaP04	E. Danna, Claude Le Pape	Two Generic Schemes for Efficient and Robust Cooperative Algorithms	No	[214]	2004	Constraints and Integer Programming	null	2	34	No	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[67]	2001	Book	null	296	0	No	n/a
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[66]	2000	Constraints An Int. J.	21	46	0	1276	1662
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[64]	1999	Annals of Operations Research	29	72	0	1277	n/a
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[622]	1998	J. Heuristics	16	42	0	1473	n/a
PapaB98 PapaB98	Claude Le Pape, P. Baptiste	Resource Constraints for Preemptive Job-shop Scheduling	Yes	[644]	1998	Constraints An Int. J.	25	14	0	1482	1668
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[65]	1997	CP 1997	15	8	10	439	n/a
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[643]	1997	PACT 1997	20	0	0	No	n/a
PapeB96 PapeB96	Claude Le Pape, P. Baptiste	Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case	No	[642]	1996	ECAI 1996	5	0	0	No	n/a
Pape94 Pape94	Claude Le Pape	Implementation of resource constraints in ILOG SCHEDULE: a library for the development of constraint-based scheduling systems	Yes	[641]	1994	Intelligent Systems Engineering	34	98	0	1483	n/a

D.20 11 Works by Nysret Musliu

Table 48: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
LacknerMMWW23 LacknerMMWW23	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Exact methods for the Oven Scheduling Problem	Yes	[487]	2023	Constraints An Int. J.	42	0	32	1419	1589
WinterMMW22 WinterMMW22	F. Winter, S. Meiswinkel, N. Musliu, D. Walkiewicz	Modeling and Solving Parallel Machine Scheduling with Contamination Constraints in the Agricultural Industry	Yes	[829]	2022	CP 2022	18	0	0	782	832
GeibingerKKMMW21 GeibingerKKMMW21	T. Geibinger, L. Kletzander, M. Krainz, F. Mischek, N. Musliu, F. Winter	Physician Scheduling During a Pandemic	Yes	[310]	2021	CPAIOR 2021	10	0	6	554	838
GeibingerMM21 GeibingerMM21	T. Geibinger, F. Mischek, N. Musliu	Constraint Logic Programming for Real-World Test Laboratory Scheduling	Yes	[313]	2021	AAAI 2021	9	0	0	556	839
KletzanderMH21 KletzanderMH21	L. Kletzander, N. Musliu, Pascal Van Hentenryck	Branch and Price for Bus Driver Scheduling with Complex Break Constraints	Yes	[457]	2021	AAAI 2021	9	2	0	621	n/a
LacknerMMWW21 LacknerMMWW21	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	Yes	[486]	2021	CP 2021	18	0	0	636	844
KletzanderM20 KletzanderM20	L. Kletzander, N. Musliu	Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints	Yes	[456]	2020	ICAPS 2020	10	0	0	620	n/a
GeibingerMM19 GeibingerMM19	T. Geibinger, F. Mischek, N. Musliu	Investigating Constraint Programming for Real World Industrial Test Laboratory Scheduling	Yes	[312]	2019	CPAIOR 2019	16	6	15	555	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	[311]	2019	CoRR	16	0	0	1569	1629
MusliuSS18 MusliuSS18	N. Musliu, A. Schutt, Peter J. Stuckey	Solver Independent Rotating Workforce Scheduling	Yes	[594]	2018	CPAIOR 2018	17	7	23	685	n/a
KletzanderM17 KletzanderM17	L. Kletzander, N. Musliu	A Multi-stage Simulated Annealing Algorithm for the Torpedo Scheduling Problem	Yes	[455]	2017	CPAIOR 2017	15	1	9	619	n/a

D.21 11 Works by Mark S. Fox

Table 49: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeckF00 BeckF00	J. Christopher Beck, Mark S. Fox	Dynamic problem structure analysis as a basis for constraint-directed scheduling heuristics	Yes	[94]	2000	Artificial Intelligence	51	24	19	1284	n/a
BeckF00a BeckF00a	J. Christopher Beck, Mark S. Fox	Constraint-directed techniques for scheduling alternative activities	Yes	[93]	2000	Artificial Intelligence	40	48	10	1285	n/a
BeckF99 BeckF99	J. Christopher Beck, Mark S. Fox	Scheduling Alternative Activities	Yes	[92]	1999	AAAI 1999	8	0	0	452	n/a
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	Yes	[86]	1998	Journal of Scheduling	37	9	0	1283	n/a
BeckF98 BeckF98	J. Christopher Beck, Mark S. Fox	A Generic Framework for Constraint-Directed Search and Scheduling	Yes	[91]	1998	AI Mag.	30	0	0	1286	n/a
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[87]	1997	CP 1997	15	3	12	449	n/a
BeckDSF97 BeckDSF97	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Beyond Contention: Extending Texture-Based Scheduling Heuristics	Yes	[88]	1997	AAAI 1997	8	0	0	450	n/a
BeckDSF97a BeckDSF97a	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Texture-Based Heuristics for Scheduling Revisited	Yes	[89]	1997	AAAI 1997	8	0	0	451	n/a
SadehF96 SadehF96	N. Sadeh, Mark S. Fox	Variable and value ordering heuristics for the job shop scheduling constraint satisfaction problem	Yes	[702]	1996	Artificial Intelligence	41	95	17	1505	n/a
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[289]	1990	ECAI 1990	14	0	0	540	n/a
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[288]	1982	AAAI 1982	4	0	0	539	n/a

D.22 11 Works by Tony T. Tran

Table 50: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TranPZLDB18 TranPZLDB18	Tony T. Tran, M. Padmanabhan, Peter Yun Zhang, H. Li, Douglas G. Down, J. Christopher Beck	Multi-stage resource-aware scheduling for data centers with heterogeneous servers	Yes	[784]	2018	Journal of Scheduling	17	8	26	1534	n/a
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[786]	2017	J. Artif. Intell. Res.	68	12	0	1535	n/a
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[787]	2017	IJCAI 2017	5	1	0	761	n/a
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	Yes	[148]	2016	IEEE Robotics and Automation Letters	8	27	21	1306	n/a
FrankDT16 FrankDT16	J. Frank, M. Do, Tony T. Tran	Scheduling Ocean Color Observations for a GEO-Stationary Satellite	Yes	[290]	2016	ICAPS 2016	9	4	0	541	n/a
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[781]	2016	INFORMS Journal on Computing	13	72	28	1533	n/a
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[783]	2016	SOCS 2016	9	3	0	759	n/a
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[788]	2016	AAAI 2016	9	0	0	762	n/a
TerekhovTDB14 TerekhovTDB14	D. Terekhov, Tony T. Tran, Douglas G. Down, J. Christopher Beck	Integrating Queueing Theory and Scheduling for Dynamic Scheduling Problems	Yes	[767]	2014	J. Artif. Intell. Res.	38	12	0	1528	n/a
TranTDB13 TranTDB13	Tony T. Tran, D. Terekhov, Douglas G. Down, J. Christopher Beck	Hybrid Queueing Theory and Scheduling Models for Dynamic Environments with Sequence-Dependent Setup Times	Yes	[785]	2013	ICAPS 2013	9	2	0	760	n/a
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[782]	2012	ECAI 2012	6	0	0	758	n/a

D.23 11 Works by Petr Vilím

Table 51: Works from bibtex (Total 11)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[484]	2018	Constraints An Int. J.	41	148	35	1418	1633
VilimLS15 VilimLS15	P. Vilím, P. Laborie, P. Shaw	Failure-Directed Search for Constraint-Based Scheduling	Yes	[812]	2015	CPAIOR 2015	17	31	19	775	n/a
Vilim11 Vilim11	P. Vilím	Timetable Edge Finding Filtering Algorithm for Discrete Cumulative Resources	Yes	[809]	2011	CPAIOR 2011	16	28	6	773	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	[807]	2009	CP 2009	15	25	4	771	n/a
Vilim09a Vilim09a	P. Vilím	Max Energy Filtering Algorithm for Discrete Cumulative Resources	Yes	[808]	2009	CPAIOR 2009	15	13	4	772	n/a
Vilim05 Vilim05	P. Vilím	Computing Explanations for the Unary Resource Constraint	Yes	[806]	2005	CPAIOR 2005	14	5	8	770	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	[811]	2005	Constraints An Int. J.	23	21	5	1540	1661
Vilim04 Vilim04	P. Vilím	O(n log n) Filtering Algorithms for Unary Resource Constraint	Yes	[805]	2004	CPAIOR 2004	13	22	5	769	n/a
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[810]	2004	CP 2004	15	13	4	774	n/a
Vilim03 Vilim03	P. Vilím	Computing Explanations for Global Scheduling Constraints	Yes	[804]	2003	CP 2003	1	1	1	768	n/a
Vilim02 Vilim02	P. Vilím	Batch Processing with Sequence Dependent Setup Times	Yes	[803]	2002	CP 2002	1	6	1	767	n/a

D.24 10 Works by Alessio Bonfietti

Table 52: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Bonfietti16 Bonfietti16	A. Bonfietti	A constraint programming scheduling solver for the MPOpt programming environment	Yes	[138]	2016	Intelligenza Artificiale	13	0	19	1304	n/a
BonfiettiZLM16 BonfiettiZLM16	A. Bonfietti, A. Zanarini, M. Lombardi, M. Milano	The Multirate Resource Constraint	Yes	[145]	2016	CP 2016	17	0	11	481	872
LombardiBM15 LombardiBM15	M. Lombardi, A. Bonfietti, M. Milano	Deterministic Estimation of the Expected Makespan of a POS Under Duration Uncertainty	Yes	[518]	2015	CP 2015	16	0	8	653	n/a
BonfiettiLBM14 BonfiettiLBM14	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	CROSS cyclic resource-constrained scheduling solver	Yes	[141]	2014	Artificial Intelligence	28	8	15	1305	n/a
BonfiettiLM14 BonfiettiLM14	A. Bonfietti, M. Lombardi, M. Milano	Disregarding Duration Uncertainty in Partial Order Schedules? Yes, We Can!	Yes	[143]	2014	CPAIOR 2014	16	3	12	479	n/a
BonfiettiLM13 BonfiettiLM13	A. Bonfietti, M. Lombardi, M. Milano	De-Cycling Cyclic Scheduling Problems	Yes	[142]	2013	ICAPS 2013	5	1	0	478	n/a
BonfiettiLBM12 BonfiettiLBM12	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	Global Cyclic Cumulative Constraint	Yes	[140]	2012	CPAIOR 2012	16	2	11	477	n/a
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[144]	2012	DC SIAAI 2012	3	0	0	480	n/a
BonfiettiLBM11 BonfiettiLBM11	A. Bonfietti, M. Lombardi, L. Benini, M. Milano	A Constraint Based Approach to Cyclic RCPSP	Yes	[139]	2011	CP 2011	15	3	14	476	n/a
LombardiBMB11 LombardiBMB11	M. Lombardi, A. Bonfietti, M. Milano, L. Benini	Precedence Constraint Posting for Cyclic Scheduling Problems	Yes	[519]	2011	CPAIOR 2011	17	1	13	654	n/a

D.25 10 Works by Mats Carlsson

Table 53: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
WessenCS20 WessenCS20	J. Wessén, M. Carlsson, C. Schulte	Scheduling of Dual-Arm Multi-tool Assembly Robots and Workspace Layout Optimization	Yes	[827]	2020	CPAIOR 2020	10	2	11	781	855
MossigeGSMC17 MossigeGSMC17	M. Mossige, A. Gotlieb, H. Spieker, H. Meling, M. Carlsson	Time-Aware Test Case Execution Scheduling for Cyber-Physical Systems	Yes	[584]	2017	CP 2017	18	6	33	677	n/a
LetortCB15 LetortCB15	A. Letort, M. Carlsson, N. Beldiceanu	Synchronized sweep algorithms for scalable scheduling constraints	Yes	[499]	2015	Constraints An Int. J.	52	2	14	1421	1639
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint	Yes	[498]	2013	CPAIOR 2013	16	3	10	641	885
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[497]	2012	CP 2012	16	18	12	640	n/a
LozanoCDS12 LozanoCDS12	Roberto Castañeda Lozano, M. Carlsson, F. Drejhammar, C. Schulte	Constraint-Based Register Allocation and Instruction Scheduling	Yes	[532]	2012	CP 2012	17	21	30	659	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	[106]	2011	Annals of Operations Research	24	8	8	1293	n/a
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[107]	2008	CPAIOR 2008	15	8	9	459	n/a
BeldiceanuC02 BeldiceanuC02	N. Beldiceanu, M. Carlsson	A New Multi-resource cumulatives Constraint with Negative Heights	Yes	[105]	2002	CP 2002	17	33	9	458	n/a
BeldiceanuC01 BeldiceanuC01	N. Beldiceanu, M. Carlsson	Sweep as a Generic Pruning Technique Applied to the Non-overlapping Rectangles Constraint	Yes	[104]	2001	CP 2001	15	34	0	457	n/a

D.26 10 Works by Margaux Nattaf

Table 54: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse	Toward a Global Constraint for Minimizing the Flowtime	Yes	[146]	2024	ICORES 2024	12	0	0	482	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	[648]	2023	Computers Operations Research	13	0	34	1484	n/a
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[608]	2020	CP 2020	16	0	6	686	851
MalapertN19 MalapertN19	A. Malapert, M. Nattaf	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications	Yes	[549]	2019	CPAIOR 2019	17	1	7	667	n/a
NattafDYW19 NattafDYW19	M. Nattaf, S. Dauzère-Pérès, C. Yugma, C. Wu	Parallel machine scheduling with time constraints on machine qualifications	Yes	[606]	2019	Computers Operations Research	16	14	21	1464	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	[607]	2019	Discret. Appl. Math.	16	5	12	1465	n/a
NattafAL17 NattafAL17	M. Nattaf, C. Artigues, P. Lopez	Cumulative scheduling with variable task profiles and concave piecewise linear processing rate functions	Yes	[604]	2017	Constraints An Int. J.	18	5	10	1462	1636
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[602]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	2999	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	[605]	2016	OR Spectrum	34	10	15	1463	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	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640

D.27 10 Works by Louis-Martin Rousseau

Table 55: Works from bibtex (Total 10)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CappartTSR18 CappartTSR18	Q. Cappart, C. Thomas, P. Schaus, L. Rousseau	A Constraint Programming Approach for Solving Patient Transportation Problems	Yes	[172]	2018	CP 2018	17	6	31	492	865
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[249]	2016	INFORMS Journal on Computing	17	56	28	1332	n/a
PesantRR15 PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[653]	2015	CPAIOR 2015	16	1	7	701	n/a
DoulabiRP14 DoulabiRP14	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[248]	2014	CPAIOR 2014	9	3	10	525	n/a
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[547]	2013	ICAPS 2013	2	0	0	666	n/a
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[546]	2012	INFORMS Journal on Computing	17	23	21	1436	n/a
ChapadosJR11 ChapadosJR11	N. Chapados, M. Joliveau, L. Rousseau	Retail Store Workforce Scheduling by Expected Operating Income Maximization	Yes	[191]	2011	CPAIOR 2011	6	5	12	500	n/a
HachemiGR11 HachemiGR11	Nizar El Hachemi, M. Gendreau, L. Rousseau	A hybrid constraint programming approach to the log-truck scheduling problem	Yes	[356]	2011	Annals of Operations Research	16	32	19	1366	n/a
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[182]	2010	Hybrid Optimization	null	0	67	No	n/a
CorreaLR07 CorreaLR07	Ayoub Insa Corréa, A. Langevin, L. Rousseau	Scheduling and routing of automated guided vehicles: A hybrid approach	Yes	[209]	2007	Computers Operations Research	20	106	20	1325	n/a

D.28 9 Works by Narendra Jussien

Table 56: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[547]	2013	ICAPS 2013	2	0	0	666	n/a
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[546]	2012	INFORMS Journal on Computing	17	23	21	1436	n/a
ClercqPBJ11 ClercqPBJ11	Alexis De Clercq, T. Petit, N. Beldiceanu, N. Jussien	Filtering Algorithms for Discrete Cumulative Problems with Overloads of Resource	Yes	[202]	2011	CP 2011	16	3	11	506	n/a
HladikCDJ08 HladikCDJ08	P. Hladik, H. Cambazard, A. Déplanche, N. Jussien	Solving a real-time allocation problem with constraint programming	Yes	[397]	2008	Journal of Systems and Software	18	36	27	1384	n/a
CambazardJ05 CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[169]	2005	CP 2005	5	6	8	490	n/a
CambazardHDJT04 CambazardHDJT04	H. Cambazard, P. Hladik, A. Déplanche, N. Jussien, Y. Trinquet	Decomposition and Learning for a Hard Real Time Task Allocation Problem	Yes	[168]	2004	CP 2004	15	33	13	489	n/a
ElkhyariGJ02 ElkhyariGJ02	A. Elkhyari, C. Guéret, N. Jussien	Conflict-Based Repair Techniques for Solving Dynamic Scheduling Problems	Yes	[258]	2002	CP 2002	6	1	6	529	n/a
ElkhyariGJ02a ElkhyariGJ02a	A. Elkhyari, C. Guéret, N. Jussien	Solving Dynamic Resource Constraint Project Scheduling Problems Using New Constraint Programming Tools	Yes	[259]	2002	PATAT 2002	24	9	20	530	n/a
JussienL02 JussienL02	N. Jussien, O. Lhomme	Local search with constraint propagation and conflict-based heuristics	Yes	[432]	2002	Artificial Intelligence	25	88	16	1398	n/a

D.29 9 Works by Wim Nuijten

Table 57: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[63]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[324]	2005	ICAPS 2005	9	0	0	564	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[67]	2001	Book	null	296	0	No	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[283]	2000	AIPS 2000	10	0	0	536	n/a
SourdN00 SourdN00	F. Sourd, W. Nuijten	Multiple-Machine Lower Bounds for Shop-Scheduling Problems	Yes	[745]	2000	INFORMS Journal on Computing	12	7	14	1521	n/a
BaptistePN99 BaptistePN99	P. Baptiste, Claude Le Pape, W. Nuijten	Satisfiability tests and time-bound adjustments for cumulative scheduling problems	Yes	[64]	1999	Annals of Operations Research	29	72	0	1277	n/a
NuijtenP98 NuijtenP98	W. Nuijten, Claude Le Pape	Constraint-Based Job Shop Scheduling with \sc Ilog Scheduler	Yes	[622]	1998	J. Heuristics	16	42	0	1473	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[621]	1996	European Journal of Operational Research	16	65	6	1472	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[620]	1994	ECAI 1994	5	0	0	689	n/a

D.30 9 Works by Claude-Guy Quimper

Table 58: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BoudreaultSLQ22 BoudreaultSLQ22	R. Boudreault, V. Simard, D. Lafond, C. Quimper	A Constraint Programming Approach to Ship Refit Project Scheduling	Yes	[152]	2022	CP 2022	16	0	0	484	821
OuelletQ22 OuelletQ22	Y. Ouellet, C. Quimper	A MinCumulative Resource Constraint	Yes	[634]	2022	CPAIOR 2022	17	1	22	695	827
Mercier-AubinGQ20 Mercier-AubinGQ20	A. Mercier-Aubin, J. Gaudreault, C. Quimper	Leveraging Constraint Scheduling: A Case Study to the Textile Industry	Yes	[569]	2020	CPAIOR 2020	13	2	13	671	850
FahimiOQ18 FahimiOQ18	H. Fahimi, Y. Ouellet, C. Quimper	Linear-time filtering algorithms for the disjunctive constraint and a quadratic filtering algorithm for the cumulative not-first not-last	Yes	[272]	2018	Constraints An Int. J.	22	2	20	1341	1631
KameugneFGOQ18 KameugneFGOQ18	R. Kameugne, Sévérine Betmbe Fetgo, V. Gingras, Y. Ouellet, C. Quimper	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint	Yes	[440]	2018	CPAIOR 2018	17	1	12	610	n/a
OuelletQ18 OuelletQ18	Y. Ouellet, C. Quimper	A O(n \log ˆ2 n) Checker and O(nˆ2 \log n) Filtering Algorithm for the Energetic Reasoning	Yes	[633]	2018	CPAIOR 2018	18	6	16	694	n/a
GingrasQ16 GingrasQ16	V. Gingras, C. Quimper	Generalizing the Edge-Finder Rule for the Cumulative Constraint	Yes	[322]	2016	IJCAI 2016	7	0	0	562	n/a
BessiereHMQW14 BessiereHMQW14	C. Bessiere, E. Hebrard, M. Ménard, C. Quimper, T. Walsh	Buffered Resource Constraint: Algorithms and Complexity	Yes	[123]	2014	CPAIOR 2014	16	1	3	469	n/a
OuelletQ13 OuelletQ13	P. Ouellet, C. Quimper	Time-Table Extended-Edge-Finding for the Cumulative Constraint	Yes	[632]	2013	CP 2013	16	12	14	693	n/a

D.31 9 Works by Armin Wolf

Table 59: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[314]	2022	CPAIOR 2022	18	0	24	557	822
Wolf11 Wolf11	A. Wolf	Constraint-Based Modeling and Scheduling of Clinical Pathways	Yes	[832]	2011	CSCLP 2011	17	5	19	786	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	[723]	2010	CP 2010	15	13	14	728	n/a
Wolf09 Wolf09	A. Wolf, G. Schrader	Linear Weighted-Task-Sum – Scheduling Prioritized Tasks on a Single Resource	Yes	[835]	2009	INAP 2009	17	1	12	785	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	[724]	2005	INAP 2005	15	6	4	729	n/a
Wolf05 Wolf05	A. Wolf	Better Propagation for Non-preemptive Single-Resource Constraint Problems	Yes	[831]	2005	CSCLP 2005	15	4	8	784	n/a
WolfS05 WolfS05	A. Wolf, G. Schrader	$O(n \log n)$ Overload Checking for the Cumulative Constraint and Its Application	Yes	[834]	2005	INAP 2005	14	6	6	787	n/a
WolfS05a WolfS05a	A. Wolf, H. Schlenker	Realising the Alternative Resources Constraint	Yes	[833]	2005	Applications of Declarative Programming and Knowledge Management	15	5	6	??	n/a
Wolf03 Wolf03	A. Wolf	Pruning while Sweeping over Task Intervals	Yes	[830]	2003	CP 2003	15	11	7	783	n/a

D.32 9 Works by Cemalettin Öztürk

Table 60: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokPTGO23 GokPTGO23	Yagmur S. Gök, S. Padrón, M. Tomasella, D. Guimarans, C. Öztürk	Constraint-based robust planning and scheduling of airport apron operations through simheuristics	Yes	[329]	2023	Annals of Operations Research	36	0	0	1354	1585
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[631]	2022	Operational Research	29	0	0	1476	n/a
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
GokGSTO20 GokGSTO20	Yagmur S. Gök, D. Guimarans, Peter J. Stuckey, M. Tomasella, C. Öztürk	Robust Resource Planning for Aircraft Ground Operations	Yes	[328]	2020	CPAIOR 2020	17	2	14	566	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[630]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1475	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[639]	2015	Journal of Manufacturing Systems	12	27	17	1480	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[638]	2013	Constraints An Int. J.	36	31	44	1479	1647
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	[637]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1477	n/a

D.33 8 Works by Thibaut Feydy

Table 61: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
YoungFS17 YoungFS17	Kenneth D. Young, T. Feydy, A. Schutt	Constraint Programming Applied to the Multi-Skill Project Scheduling Problem	Yes	[843]	2017	CP 2017	10	6	21	792	870
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[721]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
SchuttFS13 SchuttFS13	A. Schutt, T. Feydy, Peter J. Stuckey	Scheduling Optional Tasks with Explanation	Yes	[716]	2013	CP 2013	17	10	20	724	n/a
SchuttFS13a SchuttFS13a	A. Schutt, T. Feydy, Peter J. Stuckey	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint	Yes	[715]	2013	CPAIOR 2013	17	20	27	725	886
SchuttFSW13 SchuttFSW13	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving RCPSP/max by lazy clause generation	Yes	[720]	2013	Journal of Scheduling	17	43	23	1513	1648
SchuttFSW11 SchuttFSW11	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Explaining the cumulative propagator	Yes	[719]	2011	Constraints An Int. J.	33	57	23	1512	1656
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
SchuttFSW09 SchuttFSW09	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Why Cumulative Decomposition Is Not as Bad as It Sounds	Yes	[717]	2009	CP 2009	16	34	11	726	n/a

D.34 8 Works by Roger Kameugne

Table 62: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KameugneFND23 KameugneFND23	R. Kameugne, Sévérine Betmbe Fetgo, T. Noulamo, Clémentin Tayou Djamégni	Horizontally Elastic Edge Finder Rule for Cumulative Constraint Based on Slack and Density	Yes	[441]	2023	CP 2023	17	0	0	611	810
ThomasKS20 ThomasKS20	C. Thomas, R. Kameugne, P. Schaus	Insertion Sequence Variables for Hybrid Routing and Scheduling Problems	Yes	[772]	2020	CPAIOR 2020	18	0	16	753	853
KameugneFGOQ18 KameugneFGOQ18	R. Kameugne, Sévérine Betmbe Fetgo, V. Gingras, Y. Ouellet, C. Quimper	Horizontally Elastic Not-First/Not-Last Filtering Algorithm for Cumulative Resource Constraint	Yes	[440]	2018	CPAIOR 2018	17	1	12	610	n/a
Kameugne15 Kameugne15	R. Kameugne	Propagation techniques of resource constraint for cumulative scheduling	Yes	[439]	2015	Constraints An Int. J.	2	0	0	1401	1638
Kameugne14 Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif	Yes	[438]	2014	University of Yaounde I, Cameroon	139	0	0	2990	n/a
KameugneFSN14 KameugneFSN14	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A quadratic edge-finding filtering algorithm for cumulative resource constraints	Yes	[444]	2014	Constraints An Int. J.	27	6	10	1403	1644
KameugneF13 KameugneF13	R. Kameugne, Laure Pauline Fotso	A cumulative not-first/not-last filtering algorithm in O(n 2log(n))	Yes	[442]	2013	Indian Journal of Pure and Applied Mathematics	21	6	4	1402	n/a
KameugneFSN11 KameugneFSN11	R. Kameugne, Laure Pauline Fotso, Joseph D. Scott, Y. Ngo-Kateu	A Quadratic Edge-Finding Filtering Algorithm for Cumulative Resource Constraints	Yes	[443]	2011	CP 2011	15	7	9	612	n/a

D.35 8 Works by Arnaud Malapert

Table 63: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BonninMNE24 BonninMNE24	C. Bonnin, A. Malapert, M. Nattaf, M. Espinouse	Toward a Global Constraint for Minimizing the Flowtime	Yes	[146]	2024	ICORES 2024	12	0	0	482	n/a
NattafM20 NattafM20	M. Nattaf, A. Malapert	Filtering Rules for Flow Time Minimization in a Parallel Machine Scheduling Problem	Yes	[608]	2020	CP 2020	16	0	6	686	851
MalapertN19 MalapertN19	A. Malapert, M. Nattaf	A New CP-Approach for a Parallel Machine Scheduling Problem with Time Constraints on Machine Qualifications	Yes	[549]	2019	CPAIOR 2019	17	1	7	667	n/a
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[547]	2013	ICAPS 2013	2	0	0	666	n/a
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[546]	2012	INFORMS Journal on Computing	17	23	21	1436	n/a
MalapertGR12 MalapertGR12	A. Malapert, C. Guéret, L. Rousseau	A constraint programming approach for a batch processing problem with non-identical job sizes	No	[548]	2012	European Journal of Operational Research	null	43	24	No	n/a
Malapert11 Malapert11	A. Malapert	Techniques d'ordonnancement d'atelier et de fournées basées sur la programmation par contraintes. (Shop and batch scheduling with constraints)	Yes	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[342]	2009	CP 2009	9	15	12	572	n/a

D.36 8 Works by Bahman Naderi

Table 64: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[598]	2023	SSRN Electronic Journal	32	0	46	1458	n/a
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	Yes	[596]	2023	Omega	15	4	64	1459	1592
NaderiRR23 NaderiRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[601]	2023	INFORMS Journal on Computing	27	2	50	1460	1593
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[597]	2022	SSRN Electronic Journal	29	0	44	1456	n/a
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[595]	2022	Computers Operations Research	19	3	44	1457	n/a
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[599]	2022	INFORMS Journal on Optimization	null	5	49	No	n/a
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[600]	2021	Production and Operations Management	null	22	61	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	[697]	2021	European Journal of Operational Research	14	15	44	1502	n/a

D.37 8 Works by Barry O'Sullivan

Table 65: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[37]	2022	CPAIOR 2022	13	0	14	427	820
ArmstrongGOS21 ArmstrongGOS21	E. Armstrong, M. Garraffa, B. O'Sullivan, H. Simonis	The Hybrid Flexible Flowshop with Transportation Times	Yes	[36]	2021	CP 2021	18	1	0	426	835
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
HurleyOS16 HurleyOS16	B. Hurley, B. O'Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[420]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3029	n/a
KinsellaS0OS16 KinsellaS0OS16	A. Kinsella, Alan F. Smeaton, B. Hurley, B. O'Sullivan, H. Simonis	Optimizing Energy Costs in a Zinc and Lead Mine	Yes	[452]	2016	AAAI 2016	6	1	0	617	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	[343]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1360	n/a
IfrimOS12 IfrimOS12	G. Ifrim, B. O'Sullivan, H. Simonis	Properties of Energy-Price Forecasts for Scheduling	Yes	[421]	2012	CP 2012	16	6	20	601	n/a

D.38 8 Works by Angelo Oddi

Table 66: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CestaOPS14 CestaOPS14	A. Cesta, A. Oddi, N. Policella, Stephen F. Smith	A Precedence Constraint Posting Approach	No	[188]	2014	Handbook on Project Management and Scheduling Vol.1	null	2	17	No	n/a
OddiRC10 OddiRC10	A. Oddi, R. Rasconi, A. Cesta	Project Scheduling as a Disjunctive Temporal Problem	Yes	[626]	2010	ECAI 2010	2	0	0	691	n/a
OddiPCC05 OddiPCC05	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems	No	[625]	2005	MISTA 2005	null	3	12	No	n/a
PolicellaWSO05 PolicellaWSO05	N. Policella, X. Wang, Stephen F. Smith, A. Oddi	Exploiting Temporal Flexibility to Obtain High Quality Schedules	Yes	[661]	2005	AAAI 2005	6	0	0	703	n/a
OddiPCC03 OddiPCC03	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Generating High Quality Schedules for a Spacecraft Memory Downlink Problem	Yes	[624]	2003	CP 2003	15	8	6	690	n/a
CestaOS00 CestaOS00	A. Cesta, A. Oddi, Stephen F. Smith	Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems	Yes	[190]	2000	AAAI 2000	6	0	0	498	n/a
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[189]	1998	CP 1998	1	5	0	499	n/a
OddiS97 OddiS97	A. Oddi, Stephen F. Smith	Stochastic Procedures for Generating Feasible Schedules	Yes	[627]	1997	AAAI 1997	7	0	0	692	n/a

D.39 8 Works by Gabriela P. Henning

Table 67: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[614]	2016	Computers Chemical Engineering	17	18	31	1467	n/a
NovasH14 NovasH14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[618]	2014	Expert Syst. Appl.	14	35	26	1471	n/a
NovasH12 NovasH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[617]	2012	Computers Chemical Engineering	17	17	15	1470	n/a
ZeballosNH11 ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[858]	2011	Computers Chemical Engineering	17	26	29	1557	n/a
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[616]	2010	Computers Chemical Engineering	20	48	19	1469	n/a
ZeballosQH10 ZeballosQH10	L. Zeballos, O. Quiroga, Gabriela P. Henning	A constraint programming model for the scheduling of flexible manufacturing systems with machine and tool limitations	Yes	[855]	2010	Eng. Appl. Artif. Intell.	20	33	28	1558	n/a
QuirogaZH05 QuirogaZH05	O. Quiroga, L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to Tool Allocation and Resource Scheduling in FMS	Yes	[676]	2005	ICRA 2005	6	2	7	710	n/a
ZeballosH05 ZeballosH05	L. Zeballos, Gabriela P. Henning	A Constraint Programming Approach to FMS Scheduling. Consideration of Storage and Transportation Resources	Yes	[854]	2005	Inteligencia Artif.	10	0	0	1556	n/a

D.40 8 Works by Erwin Pesch

Table 68: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MullerMKP22 MullerMKP22	D. Müller, Marcus Gerhard Müller, D. Kress, E. Pesch	An algorithm selection approach for the flexible job shop scheduling problem: Choosing constraint programming solvers through machine learning	Yes	[587]	2022	European Journal of Operational Research	18	17	59	1455	1605
BlazewiczEP19 BlazewiczEP19	J. Blazewicz, Klaus H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz	Constraint Programming and Disjunctive Scheduling	No	[127]	2019	Handbook on Scheduling	62	38	0	No	n/a
DomdorfPH03 DomdorfPH03	U. Domdorf, E. Pesch, Toàn Phan Huy	Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling	No	[243]	2003	Advances in Evolutionary Computing	null	0	57	No	n/a
Dorndorf2000 Dorndorf2000	U. Dorndorf, E. Pesch, T. Phan-Huy	Constraint propagation techniques for the disjunctive scheduling problem	Yes	[247]	2000	Artificial Intelligence	52	47	33	1331	n/a
DorndorfHP99 DorndorfHP99	U. Dorndorf, Toàn Phan Huy, E. Pesch	A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling	No	[245]	1999	Project Scheduling	null	18	20	No	n/a
DorndorfPH99 DorndorfPH99	U. Dorndorf, E. Pesch, Toàn Phan Huy	Recent Developments in Scheduling	No	[246]	1999	Operations Research Proceedings 1999	null	0	34	No	n/a
BlazewiczDP96 BlazewiczDP96	J. Błażewicz, W. Domschke, E. Pesch	The job shop scheduling problem: Conventional and new solution techniques	Yes	[165]	1996	European Journal of Operational Research	33	344	127	1299	n/a
PeschT96 PeschT96	E. Pesch, Ulrich A. W. Tetzlaff	Constraint Propagation Based Scheduling of Job Shops	No	[654]	1996	INFORMS Journal on Computing	null	22	0	No	n/a

D.41 8 Works by Vahid Roshanaei

Table 69: Works from bibtex (Total 8)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	Yes	[596]	2023	Omega	15	4	64	1459	1592
NaderiRR23 NaderiRR23	B. Naderi, R. Ruiz, V. Roshanaei	Mixed-Integer Programming vs. Constraint Programming for Shop Scheduling Problems: New Results and Outlook	Yes	[601]	2023	INFORMS Journal on Computing	27	2	50	1460	1593
NaderiR22 NaderiR22	B. Naderi, V. Roshanaei	Critical-Path-Search Logic-Based Benders Decomposition Approaches for Flexible Job Shop Scheduling	No	[599]	2022	INFORMS Journal on Optimization	null	5	49	No	n/a
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[600]	2021	Production and Operations Management	null	22	61	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	[697]	2021	European Journal of Operational Research	14	15	44	1502	n/a
RoshanaeiBAUB20 RoshanaeiBAUB20	V. Roshanaei, Kyle E.C. Booth, Dionne M. Aleman, David R. Urbach, J. Christopher Beck	Branch-and-check methods for multi-level operating room planning and scheduling	Yes	[694]	2020	International Journal of Production Economics	19	24	43	1500	n/a
RoshanaeiLAU17 RoshanaeiLAU17	V. Roshanaei, C. Luong, Dionne M. Aleman, D. Urbach	Propagating logic-based Benders' decomposition approaches for distributed operating room scheduling	Yes	[695]	2017	European Journal of Operational Research	17	61	46	1501	n/a
RoshanaeiLAU17a RoshanaeiLAU17a	V. Roshanaei, C. Luong, Dionne M. Aleman, David R. Urbach	Collaborative Operating Room Planning and Scheduling	No	[696]	2017	INFORMS Journal on Computing	null	54	42	No	n/a

D.42 7 Works by Ignacio E. Grossmann

Table 70: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HarjunkoskiMBC14 HarjunkoskiMBC14	I. Harjunkoski, Christos T. Maravelias, P. Bongers, Pedro M. Castro, S. Engell, Ignacio E. Grossmann, John N. Hooker, C. Méndez, G. Sand, J. Wassick	Scope for industrial applications of production scheduling models and solution methods	Yes	[370]	2014	Computers Chemical Engineering	33	381	176	1376	n/a
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[182]	2010	Hybrid Optimization	null	0	67	No	n/a
MaraveliasCG04 MaraveliasCG04	Christos T. Maravelias, Ignacio E. Grossmann	A hybrid MILP/CP decomposition approach for the continuous time scheduling of multipurpose batch plants	Yes	[552]	2004	Computers Chemical Engineering	29	116	24	1438	n/a
MaraveliasG04 MaraveliasG04	Christos T. Maravelias, Ignacio E. Grossmann	Using MILP and CP for the Scheduling of Batch Chemical Processes	Yes	[553]	2004	CPAIOR 2004	20	15	15	668	n/a
HarjunkoskiG02 HarjunkoskiG02	I. Harjunkoski, Ignacio E. Grossmann	Decomposition techniques for multistage scheduling problems using mixed-integer and constraint programming methods	Yes	[368]	2002	Computers Chemical Engineering	20	169	11	1374	n/a
JainG01 JainG01	V. Jain, Ignacio E. Grossmann	Algorithms for Hybrid MILP/CP Models for a Class of Optimization Problems	Yes	[425]	2001	INFORMS Journal on Computing	19	279	23	1395	n/a
PintoG97 PintoG97	Jose M. Pinto, Ignacio E. Grossmann	A logic-based approach to scheduling problems with resource constraints	No	[657]	1997	Computers Chemical Engineering	18	56	12	No	n/a

D.43 7 Works by Diarmuid Grimes

Table 71: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
GrimesH15 GrimesH15	D. Grimes, E. Hebrard	Solving Variants of the Job Shop Scheduling Problem Through Conflict-Directed Search	Yes	[341]	2015	INFORMS Journal on Computing	17	12	41	1359	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	[343]	2014	Sustain. Comput. Informatics Syst.	16	6	7	1360	n/a
GrimesH11 GrimesH11	D. Grimes, E. Hebrard	Models and Strategies for Variants of the Job Shop Scheduling Problem	Yes	[340]	2011	CP 2011	17	5	18	571	n/a
GrimesH10 GrimesH10	D. Grimes, E. Hebrard	Job Shop Scheduling with Setup Times and Maximal Time-Lags: A Simple Constraint Programming Approach	Yes	[339]	2010	CPAIOR 2010	15	13	20	570	n/a
GrimesHM09 GrimesHM09	D. Grimes, E. Hebrard, A. Malapert	Closing the Open Shop: Contradicting Conventional Wisdom	Yes	[342]	2009	CP 2009	9	15	12	572	n/a

D.44 7 Works by Zdenek Hanzálek

Table 72: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Mehdizadeh-Somarin23 Mehdizadeh-Somarin23	Z. Mehdizadeh-Somarin, R. Tavakkoli-Moghaddam, M. Rohaninejad, Z. Hanzálek, Behdin Vahedi Nouri	A Constraint Programming Model for a Reconfigurable Job Shop Scheduling Problem with Machine Availability	Yes	[559]	2023	APMS 2023	14	0	0	669	812
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	[388]	2023	CoRR	42	0	0	1572	1596
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	[387]	2022	Computers Industrial Engineering	16	5	25	1380	1604
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[814]	2021	Computers Industrial Engineering	14	7	22	1541	1612
BenediktMH20 BenediktMH20	O. Benedikt, I. Módos, Z. Hanzálek	Power of pre-processing: production scheduling with variable energy pricing and power-saving states	Yes	[113]	2020	Constraints An Int. J.	19	1	18	1295	1613
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[114]	2018	CPAIOR 2018	10	2	12	462	864
KelbelH11 KelbelH11	J. Kelbel, Z. Hanzálek	Solving production scheduling with earliness/tardiness penalties by constraint programming	Yes	[447]	2011	Journal of Intelligent Manufacturing	10	12	14	1404	n/a

D.45 7 Works by Andrew J. Davenport

Table 73: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Davenport10 Davenport10	Andrew J. Davenport	Integrated Maintenance Scheduling for Semiconductor Manufacturing	Yes	[218]	2010	CPAIOR 2010	5	9	2	513	n/a
DavenportKRSH07 DavenportKRSH07	Andrew J. Davenport, J. Kalagnanam, C. Reddy, S. Siegel, J. Hou	An Application of Constraint Programming to Generating Detailed Operations Schedules for Steel Manufacturing	Yes	[219]	2007	CP 2007	13	1	2	514	n/a
OkanoDTRYA04 OkanoDTRYA04	H. Okano, Andrew J. Davenport, M. Trumbo, C. Reddy, K. Yoda, M. Amano	Finishing Line Scheduling in the steel industry	No	[629]	2004	IBM J. Res. Dev.	20	19	0	No	n/a
BeckDDF98 BeckDDF98	J. Christopher Beck, Andrew J. Davenport, Eugene D. Davis, Mark S. Fox	The ODO project: toward a unified basis for constraint-directed scheduling	Yes	[86]	1998	Journal of Scheduling	37	9	0	1283	n/a
BeckDF97 BeckDF97	J. Christopher Beck, Andrew J. Davenport, Mark S. Fox	Five Pitfalls of Empirical Scheduling Research	Yes	[87]	1997	CP 1997	15	3	12	449	n/a
BeckDSF97 BeckDSF97	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Beyond Contention: Extending Texture-Based Scheduling Heuristics	Yes	[88]	1997	AAAI 1997	8	0	0	450	n/a
BeckDSF97a BeckDSF97a	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Texture-Based Heuristics for Scheduling Revisited	Yes	[89]	1997	AAAI 1997	8	0	0	451	n/a

D.46 7 Works by András Kovács

Table 74: Works from bibtex (Total 7)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
KovacsB11 KovacsB11	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for unary resources	Yes	[467]	2011	Constraints An Int. J.	24	4	26	1409	1653
KovacsK11 KovacsK11	A. Kovács, T. Kis	Constraint programming approach to a bilevel scheduling problem	Yes	[469]	2011	Constraints An Int. J.	24	3	24	1410	1654
KovacsB08 KovacsB08	A. Kovács, J. Christopher Beck	A global constraint for total weighted completion time for cumulative resources	Yes	[466]	2008	Eng. Appl. Artif. Intell.	7	5	14	1408	n/a
KovacsB07 KovacsB07	A. Kovács, J. Christopher Beck	A Global Constraint for Total Weighted Completion Time	Yes	[465]	2007	CPAIOR 2007	15	2	12	625	n/a
KovacsV06 KovacsV06	A. Kovács, J. Váncza	Progressive Solutions: A Simple but Efficient Dominance Rule for Practical RCPSP	Yes	[471]	2006	CPAIOR 2006	13	2	7	629	n/a
KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[468]	2005	CP 2005	1	2	3	626	n/a
KovacsV04 KovacsV04	A. Kovács, J. Váncza	Completable Partial Solutions in Constraint Programming and Constraint-Based Scheduling	Yes	[470]	2004	CP 2004	15	3	12	628	n/a

D.47 6 Works by Hadrien Cambazard

Table 75: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CatusseCBL16 CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A. Lagrange, P. Rubini	A Branch-and-Price Algorithm for Scheduling Observations on a Telescope	Yes	[183]	2016	IJCAI 2016	7	0	0	495	n/a
MalapertCGJLR13 MalapertCGJLR13	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[547]	2013	ICAPS 2013	2	0	0	666	n/a
MalapertCGJLR12 MalapertCGJLR12	A. Malapert, H. Cambazard, C. Guéret, N. Jussien, A. Langevin, L. Rousseau	An Optimal Constraint Programming Approach to the Open-Shop Problem	Yes	[546]	2012	INFORMS Journal on Computing	17	23	21	1436	n/a
HladikCDJ08 HladikCDJ08	P. Hladik, H. Cambazard, A. Déplanche, N. Jussien	Solving a real-time allocation problem with constraint programming	Yes	[397]	2008	Journal of Systems and Software	18	36	27	1384	n/a
CambazardJ05 CambazardJ05	H. Cambazard, N. Jussien	Integrating Benders Decomposition Within Constraint Programming	Yes	[169]	2005	CP 2005	5	6	8	490	n/a
CambazardHDJT04 CambazardHDJT04	H. Cambazard, P. Hladik, A. Déplanche, N. Jussien, Y. Trinquet	Decomposition and Learning for a Hard Real Time Task Allocation Problem	Yes	[168]	2004	CP 2004	15	33	13	489	n/a

D.48 6 Works by Amedeo Cesta

Table 76: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CestaOPS14 CestaOPS14	A. Cesta, A. Oddi, N. Policella, Stephen F. Smith	A Precedence Constraint Posting Approach	No	[188]	2014	Handbook on Project Management and Scheduling Vol.1	null	2	17	No	n/a
OddiRC10 OddiRC10	A. Oddi, R. Rasconi, A. Cesta	Project Scheduling as a Disjunctive Temporal Problem	Yes	[626]	2010	ECAI 2010	2	0	0	691	n/a
OddiPCC05 OddiPCC05	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Constraint-Based Random Search for Solving Spacecraft Downlink Scheduling Problems	No	[625]	2005	MISTA 2005	null	3	12	No	n/a
OddiPCC03 OddiPCC03	A. Oddi, N. Policella, A. Cesta, G. Cortellessa	Generating High Quality Schedules for a Spacecraft Memory Downlink Problem	Yes	[624]	2003	CP 2003	15	8	6	690	n/a
CestaOS00 CestaOS00	A. Cesta, A. Oddi, Stephen F. Smith	Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems	Yes	[190]	2000	AAAI 2000	6	0	0	498	n/a
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[189]	1998	CP 1998	1	5	0	499	n/a

D.49 6 Works by Yves Deville

Table 77: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[229]	2014	CPAIOR 2014	9	0	7	516	880
HoundjiSWD14 HoundjiSWD14	Vinasétan Ratheil Houndji, P. Schaus, Laurence A. Wolsey, Y. Deville	The StockingCost Constraint	Yes	[417]	2014	CP 2014	16	5	7	599	881
SchausHMCMD11 SchausHMCMD11	P. Schaus, Pascal Van Hentenryck, J. Monette, C. Coffrin, L. Michel, Y. Deville	Solving Steel Mill Slab Problems with constraint-based techniques: CP, LNS, and CBLS	Yes	[709]	2011	Constraints An Int. J.	23	14	5	1508	1655
MonetteDH09 MonetteDH09	J. Monette, Y. Deville, Pascal Van Hentenryck	Just-In-Time Scheduling with Constraint Programming	Yes	[580]	2009	ICAPS 2009	8	9	0	675	n/a
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[708]	2008	AAAI 2008	6	0	0	722	n/a
MonetteDD07 MonetteDD07	J. Monette, Y. Deville, P. Dupont	A Position-Based Propagator for the Open-Shop Problem	Yes	[579]	2007	CPAIOR 2007	14	0	12	674	n/a

D.50 6 Works by Stephen F. Smith

Table 78: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CestaOPS14 CestaOPS14	A. Cesta, A. Oddi, N. Policella, Stephen F. Smith	A Precedence Constraint Posting Approach	No	[188]	2014	Handbook on Project Management and Scheduling Vol.1	null	2	17	No	n/a
PolicellaWSO05 PolicellaWSO05	N. Policella, X. Wang, Stephen F. Smith, A. Oddi	Exploiting Temporal Flexibility to Obtain High Quality Schedules	Yes	[661]	2005	AAAI 2005	6	0	0	703	n/a
CestaOS00 CestaOS00	A. Cesta, A. Oddi, Stephen F. Smith	Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems	Yes	[190]	2000	AAAI 2000	6	0	0	498	n/a
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[189]	1998	CP 1998	1	5	0	499	n/a
OddiS97 OddiS97	A. Oddi, Stephen F. Smith	Stochastic Procedures for Generating Feasible Schedules	Yes	[627]	1997	AAAI 1997	7	0	0	692	n/a
SmithC93 SmithC93	Stephen F. Smith, C. Cheng	Slack-Based Heuristics for Constraint Satisfaction Scheduling	Yes	[744]	1993	AAAI 1993	6	0	0	739	n/a

D.51 6 Works by Jeremy Frank

Table 79: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
FrankDT16 FrankDT16	J. Frank, M. Do, Tony T. Tran	Scheduling Ocean Color Observations for a GEO-Stationary Satellite	Yes	[290]	2016	ICAPS 2016	9	4	0	541	n/a
TranDRFWOVB16 TranDRFWOVB16	Tony T. Tran, M. Do, Eleanor Gilbert Rieffel, J. Frank, Z. Wang, B. O'Gorman, D. Venturelli, J. Christopher Beck	A Hybrid Quantum-Classical Approach to Solving Scheduling Problems	Yes	[783]	2016	SOCS 2016	9	3	0	759	n/a
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[788]	2016	AAAI 2016	9	0	0	762	n/a
ReddyFIBKAJ11 ReddyFIBKAJ11	Sudhakar Y. Reddy, J. Frank, M. Iatauro, Matthew E. Boyce, E. Kürklü, M. Ai-Chang, Ari K. Jónsson	Planning solar array operations on the international space station	Yes	[679]	2011	ACM Trans. Intell. Syst. Technol.	24	3	8	1494	n/a
FrankK05 FrankK05	J. Frank, E. Kürklü	Mixed Discrete and Continuous Algorithms for Scheduling Airborne Astronomy Observations	Yes	[292]	2005	CPAIOR 2005	18	4	4	543	n/a
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[291]	2003	ICAPS 2003	10	0	0	542	n/a

D.52 6 Works by Andy Ham

Table 80: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HamP21 HamP21	A. Ham, M. Park	Human–Robot Task Allocation and Scheduling: Boeing 777 Case Study	Yes	[361]	2021	IEEE Robotics and Automation Letters	8	13	26	1372	1609
HamPK21 HamPK21	A. Ham, M. Park, Kyung Min Kim	Energy-Aware Flexible Job Shop Scheduling Using Mixed Integer Programming and Constraint Programming	Yes	[362]	2021	Mathematical Problems in Engineering	12	6	46	1373	1610
Ham20 Ham20	A. Ham	Transfer-robot task scheduling in job shop	No	[359]	2020	International Journal of Production Research	null	15	27	No	n/a
Ham20a Ham20a	A. Ham	Drone-Based Material Transfer System in a Robotic Mobile Fulfillment Center	Yes	[358]	2020	IEEE Transactions on Automation Science and Engineering	9	15	27	1369	n/a
Ham18a Ham18a	A. Ham	Scheduling of Dual Resource Constrained Lithography Production: Using CP and MIP/CP	Yes	[357]	2018	IEEE Transactions on Semiconductor Manufacturing	10	20	21	1368	n/a
HamFC17 HamFC17	A. Ham, John W. Fowler, E. Cakici	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines	Yes	[360]	2017	IEEE Transactions on Semiconductor Manufacturing	8	21	28	1371	n/a

D.53 6 Works by Stefan Heinz

Table 81: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
HeinzKB13 HeinzKB13	S. Heinz, W. Ku, J. Christopher Beck	Recent Improvements Using Constraint Integer Programming for Resource Allocation and Scheduling	Yes	[383]	2013	CPAIOR 2013	16	9	15	586	n/a
HeinzSB13 HeinzSB13	S. Heinz, J. Schulz, J. Christopher Beck	Using dual presolving reductions to reformulate cumulative constraints	Yes	[386]	2013	Constraints An Int. J.	36	7	31	1381	1645
HeinzB12 HeinzB12	S. Heinz, J. Christopher Beck	Reconsidering Mixed Integer Programming and MIP-Based Hybrids for Scheduling	Yes	[382]	2012	CPAIOR 2012	17	8	21	585	n/a
HeinzSSW12 HeinzSSW12	S. Heinz, T. Schlechte, R. Stephan, M. Winkler	Solving steel mill slab design problems	Yes	[384]	2012	Constraints An Int. J.	12	10	9	1382	1649
HeinzS11 HeinzS11	S. Heinz, J. Schulz	Explanations for the Cumulative Constraint: An Experimental Study	Yes	[385]	2011	SEA 2011	10	5	12	587	n/a
BertholdHLMS10 BertholdHLMS10	T. Berthold, S. Heinz, Marco E. Lübbecke, Rolf H. Möhring, J. Schulz	A Constraint Integer Programming Approach for Resource-Constrained Project Scheduling	Yes	[122]	2010	CPAIOR 2010	5	28	10	468	n/a

D.54 6 Works by Brahim Hnich

Table 82: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GokgurHO18 GokgurHO18	B. Gökgür, B. Hnich, S. Özpeynirci	Parallel machine scheduling with tool loading: a constraint programming approach	Yes	[330]	2018	International Journal of Production Research	17	31	43	1355	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[639]	2015	Journal of Manufacturing Systems	12	27	17	1480	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[638]	2013	Constraints An Int. J.	36	31	44	1479	1647
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	[636]	2012	IFAC Proceedings Volumes	6	5	5	1478	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	[637]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1477	n/a
RossiTHP07 RossiTHP07	R. Rossi, A. Tarim, B. Hnich, Steven D. Prestwich	Replenishment Planning for Stochastic Inventory Systems with Shortage Cost	Yes	[698]	2007	CPAIOR 2007	15	6	10	719	n/a

D.55 6 Works by Juan M. Novas

Table 83: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Novas19 Novas19	Juan M. Novas	Production scheduling and lot streaming at flexible job-shops environments using constraint programming	Yes	[615]	2019	Computers Industrial Engineering	13	30	29	1468	n/a
NovaraNH16 NovaraNH16	Franco M. Novara, Juan M. Novas, Gabriela P. Henning	A novel constraint programming model for large-scale scheduling problems in multiproduct multistage batch plants: Limited resources and campaign-based operation	Yes	[614]	2016	Computers Chemical Engineering	17	18	31	1467	n/a
NovasH14 NovasH14	Juan M. Novas, Gabriela P. Henning	Integrated scheduling of resource-constrained flexible manufacturing systems using constraint programming	Yes	[618]	2014	Expert Syst. Appl.	14	35	26	1471	n/a
NovasH12 NovasH12	Juan M. Novas, Gabriela P. Henning	A comprehensive constraint programming approach for the rolling horizon-based scheduling of automated wet-etch stations	Yes	[617]	2012	Computers Chemical Engineering	17	17	15	1470	n/a
ZeballosNH11 ZeballosNH11	Luis J. Zeballos, Juan M. Novas, Gabriela P. Henning	A CP formulation for scheduling multiproduct multistage batch plants	Yes	[858]	2011	Computers Chemical Engineering	17	26	29	1557	n/a
NovasH10 NovasH10	Juan M. Novas, Gabriela P. Henning	Reactive scheduling framework based on domain knowledge and constraint programming	Yes	[616]	2010	Computers Chemical Engineering	20	48	19	1469	n/a

D.56 6 Works by Gilles Pesant

Table 84: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	412	805
DoulabiRP16 DoulabiRP16	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint-Programming-Based Branch-and-Price-and-Cut Approach for Operating Room Planning and Scheduling	Yes	[249]	2016	INFORMS Journal on Computing	17	56	28	1332	n/a
PesantRR15 PesantRR15	G. Pesant, G. Rix, L. Rousseau	A Comparative Study of MIP and CP Formulations for the B2B Scheduling Optimization Problem	Yes	[653]	2015	CPAIOR 2015	16	1	7	701	n/a
DoulabiRP14 DoulabiRP14	Seyed Hossein Hashemi Doulabi, L. Rousseau, G. Pesant	A Constraint Programming-Based Column Generation Approach for Operating Room Planning and Scheduling	Yes	[248]	2014	CPAIOR 2014	9	3	10	525	n/a
BourdaisGP03 BourdaisGP03	S. Bourdais, P. Galinier, G. Pesant	HIBISCUS: A Constraint Programming Application to Staff Scheduling in Health Care	Yes	[153]	2003	CP 2003	15	29	5	485	n/a
PesantGPR99 PesantGPR99	G. Pesant, M. Gendreau, J. Potvin, J. Rousseau	On the flexibility of constraint programming models: From single to multiple time windows for the traveling salesman problem	Yes	[652]	1999	European Journal of Operational Research	11	26	18	1485	n/a

D.57 6 Works by Emmanuel Poder

Table 85: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[106]	2011	Annals of Operations Research	24	8	8	1293	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[655]	2009	CoRR	12	0	0	1564	n/a
BeldiceanuCP08 BeldiceanuCP08	N. Beldiceanu, M. Carlsson, E. Poder	New Filtering for the cumulative Constraint in the Context of Non-Overlapping Rectangles	Yes	[107]	2008	CPAIOR 2008	15	8	9	459	n/a
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[658]	2008	ICAPS 2008	8	0	0	702	n/a
BeldiceanuP07 BeldiceanuP07	N. Beldiceanu, E. Poder	A Continuous Multi-resources *cumulative* Constraint with Positive-Negative Resource Consumption-Production	Yes	[109]	2007	CPAIOR 2007	15	4	7	460	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	[659]	2004	European Journal of Operational Research	16	7	8	1486	n/a

D.58 6 Works by Arslan Örnek

Table 86: Works from bibtex (Total 6)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
OrnekOS20 OrnekOS20	A. Örnek, C. Öztürk, I. Sugut	Integer and constraint programming model formulations for flight-gate assignment problem	Yes	[631]	2022	Operational Research	29	0	0	1476	n/a
OrnekO16 OrnekO16	A. Örnek, C. Öztürk	Optimisation and Constraint Based Heuristic Methods for Advanced Planning and Scheduling Systems	Yes	[630]	2016	International Journal of Industrial Engineering: Theory, Applications and Practice	25	0	0	1475	n/a
OzturkTHO15 OzturkTHO15	C. Öztürk, S. Tunalı, B. Hnich, A. Örnek	Cyclic scheduling of flexible mixed model assembly lines with parallel stations	Yes	[639]	2015	Journal of Manufacturing Systems	12	27	17	1480	n/a
OzturkTHO13 OzturkTHO13	C. Öztürk, S. Tunali, B. Hnich, A. Örnek	Balancing and scheduling of flexible mixed model assembly lines	Yes	[638]	2013	Constraints An Int. J.	36	31	44	1479	1647
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	[636]	2012	IFAC Proceedings Volumes	6	5	5	1478	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	[637]	2010	Electronic Notes in Discrete Mathematics	8	15	1	1477	n/a

D.59 5 Works by André A. Ciré

Table 87: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CireCH16 CireCH16	André A. Ciré, E. Coban, John N. Hooker	Logic-based Benders decomposition for planning and scheduling: a computational analysis	Yes	[199]	2016	The Knowledge Engineering Review	12	15	21	1320	n/a
CireCH13 CireCH13	André A. Ciré, E. Coban, John N. Hooker	Mixed Integer Programming vs. Logic-Based Benders Decomposition for Planning and Scheduling	Yes	[198]	2013	CPAIOR 2013	7	3	23	505	882
LopesCSM10 LopesCSM10	Tony Minoru Tamura Lopes, André A. Ciré, Cid Carvalho de Souza, Arnaldo Vieira Moura	A hybrid model for a multiproduct pipeline planning and scheduling problem	Yes	[528]	2010	Constraints An Int. J.	39	31	18	1431	1657
MouraSCL08 MouraSCL08	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Planning and Scheduling the Operation of a Very Large Oil Pipeline Network	Yes	[586]	2008	CP 2008	16	11	10	678	n/a
MouraSCL08a MouraSCL08a	Arnaldo Vieira Moura, Cid C. de Souza, André A. Ciré, Tony Minoru Tamura Lopes	Heuristics and Constraint Programming Hybridizations for a Real Pipeline Planning and Scheduling Problem	Yes	[585]	2008	CSE 2008	8	5	14	679	n/a

D.60 5 Works by Mehmet A. Begen

Table 88: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[598]	2023	SSRN Electronic Journal	32	0	46	1458	n/a
NaderiBZR23 NaderiBZR23	B. Naderi, Mehmet A. Begen, Gregory S. Zaric, V. Roshanaei	A novel and efficient exact technique for integrated staffing, assignment, routing, and scheduling of home care services under uncertainty	Yes	[596]	2023	Omega	15	4	64	1459	1592
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[597]	2022	SSRN Electronic Journal	29	0	44	1456	n/a
NaderiBZ22a NaderiBZ22a	B. Naderi, Mehmet A. Begen, Gregory S. Zaric	Type-2 integrated process-planning and scheduling problem: Reformulation and solution algorithms	Yes	[595]	2022	Computers Operations Research	19	3	44	1457	n/a
NaderiRBAU21 NaderiRBAU21	B. Naderi, V. Roshanaei, Mehmet A. Begen, Dionne M. Aleman, David R. Urbach	Increased Surgical Capacity without Additional Resources: Generalized Operating Room Planning and Scheduling	No	[600]	2021	Production and Operations Management	null	22	61	No	n/a

D.61 5 Works by Cyrille Dejemeppe

Table 89: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CauwelaertDS20 CauwelaertDS20	Sasha Van Cauwelaert, C. Dejemeppe, P. Schaus	An Efficient Filtering Algorithm for the Unary Resource Constraint with Transition Times and Optional Activities	Yes	[187]	2020	Journal of Scheduling	19	2	21	1317	1614
CauwelaertDMS16 CauwelaertDMS16	Sascha Van Cauwelaert, C. Dejemeppe, J. Monette, P. Schaus	Efficient Filtering for the Unary Resource with Family-Based Transition Times	Yes	[184]	2016	CP 2016	16	1	12	496	873
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
DejemeppeCS15 DejemeppeCS15	C. Dejemeppe, Sascha Van Cauwelaert, P. Schaus	The Unary Resource with Transition Times	Yes	[228]	2015	CP 2015	16	5	11	515	875
DejemeppeD14 DejemeppeD14	C. Dejemeppe, Y. Deville	Continuously Degrading Resource and Interval Dependent Activity Durations in Nuclear Medicine Patient Scheduling	Yes	[229]	2014	CPAIOR 2014	9	0	7	516	880

D.62 5 Works by Sophie Demassey

Table 90: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[106]	2011	Annals of Operations Research	24	8	8	1293	n/a
HermenierDL11 HermenierDL11	F. Hermenier, S. Demassey, X. Lorca	Bin Repacking Scheduling in Virtualized Datacenters	Yes	[393]	2011	CP 2011	15	28	5	590	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	[623]	2006	Perspectives in Modern Project Scheduling	null	3	34	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	[231]	2005	INFORMS Journal on Computing	18	43	25	1329	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	[230]	2003	University of Avignon, France	148	0	0	2982	n/a

D.63 5 Works by Hanyu Gu

Table 91: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
EtminaniesfahaniGNMS22 Etminaniesfa-haniGNMS22	A. Etminaniesfahani, H. Gu, Leila Moslemi Naeni, A. Salehipour	A Forward–Backward Relax-and-Solve Algorithm for the Resource-Constrained Project Scheduling Problem	Yes	[267]	2022	SN Computer Science	10	0	57	1338	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[350]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
ThiruvadyWGS14 ThiruvadyWGS14	Dhananjay R. Thiruvady, Mark G. Wallace, H. Gu, A. Schutt	A Lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows	Yes	[771]	2014	J. Heuristics	34	19	18	1529	n/a
GuSS13 GuSS13	H. Gu, A. Schutt, Peter J. Stuckey	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects	Yes	[349]	2013	CPAIOR 2013	7	10	24	576	883
GuSW12 GuSW12	H. Gu, Peter J. Stuckey, Mark G. Wallace	Maximising the Net Present Value of Large Resource-Constrained Projects	Yes	[351]	2012	CP 2012	15	5	20	577	n/a

D.64 5 Works by Kenneth N. Brown

Table 92: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
MurphyMB15 MurphyMB15	Seán Óg Murphy, O. Manzano, Kenneth N. Brown	Design and Evaluation of a Constraint-Based Energy Saving and Scheduling Recommender System	Yes	[590]	2015	CP 2015	17	1	20	681	n/a
WuBB09 WuBB09	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with uncertain durations: Modeling beta-robust scheduling with constraints	Yes	[838]	2009	Computers Operations Research	9	42	5	1547	n/a
WuBB05 WuBB05	Christine Wei Wu, Kenneth N. Brown, J. Christopher Beck	Scheduling with Uncertain Start Dates	Yes	[837]	2005	CP 2005	1	0	0	789	n/a

D.65 5 Works by Goldie Nejat

Table 93: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
TranVNB17 TranVNB17	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots	Yes	[786]	2017	J. Artif. Intell. Res.	68	12	0	1535	n/a
TranVNB17a TranVNB17a	Tony T. Tran, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	Robots in Retirement Homes: Applying Off-the-Shelf Planning and Scheduling to a Team of Assistive Robots (Extended Abstract)	Yes	[787]	2017	IJCAI 2017	5	1	0	761	n/a
BoothNB16 BoothNB16	Kyle E. C. Booth, G. Nejat, J. Christopher Beck	A Constraint Programming Approach to Multi-Robot Task Allocation and Scheduling in Retirement Homes	Yes	[147]	2016	CP 2016	17	21	24	483	n/a
BoothTNB16 BoothTNB16	Kyle E. C. Booth, Tony T. Tran, G. Nejat, J. Christopher Beck	Mixed-Integer and Constraint Programming Techniques for Mobile Robot Task Planning	Yes	[148]	2016	IEEE Robotics and Automation Letters	8	27	21	1306	n/a
LouieVNB14 LouieVNB14	Wing-Yue Geoffrey Louie, Tiago Stegun Vaquero, G. Nejat, J. Christopher Beck	An autonomous assistive robot for planning, scheduling and facilitating multi-user activities	Yes	[531]	2014	ICRA 2014	7	16	9	658	n/a

D.66 5 Works by Joaquin Rodriguez

Table 94: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MarliereSPR23 MarliereSPR23	G. Marlière, Sonia Sobieraj Richard, P. Pellegrini, J. Rodriguez	A conditional time-intervals formulation of the real-time Railway Traffic Management Problem	Yes	[554]	2023	Control Engineering Practice	22	1	75	1439	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[692]	2009	ICROMA 2009	14	0	0	718	n/a
Rodriguez07 Rodriguez07	J. Rodriguez	A constraint programming model for real-time train scheduling at junctions	Yes	[689]	2007	Transportation Research Part B: Methodological	15	117	6	1497	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	[690]	2007	ICROMA 2007	14	0	0	717	n/a
RodriguezDG02 RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint programming approach	Yes	[691]	2002	Computers in Railways VIII	10	0	0	1498	n/a

D.67 5 Works by Martino Ruggiero

Table 95: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BeniniLMR11 BeniniLMR11	L. Benini, M. Lombardi, M. Milano, M. Ruggiero	Optimal resource allocation and scheduling for the CELL BE platform	Yes	[119]	2011	Annals of Operations Research	27	18	16	1296	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	[527]	2010	Journal of Scheduling	31	24	41	1430	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	[700]	2009	IEEE Trans. Comput. Aided Des. Integr. Circuits Syst.	14	9	27	1503	n/a
BeniniLMMR08 BeniniLMMR08	L. Benini, M. Lombardi, M. Mantovani, M. Milano, M. Ruggiero	Multi-stage Benders Decomposition for Optimizing Multicore Architectures	Yes	[117]	2008	CPAIOR 2008	15	12	13	465	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	[118]	2008	CP 2008	15	7	23	466	n/a

D.68 5 Works by Mohamed Siala

Table 96: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[731]	2015	Constraints An Int. J.	2	4	0	1516	1642
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	[732]	2015	INSA Toulouse, France	199	0	0	3001	n/a
SialaAH15 SialaAH15	M. Siala, C. Artigues, E. Hebrard	Two Clause Learning Approaches for Disjunctive Scheduling	Yes	[733]	2015	CP 2015	10	4	17	732	879

D.69 5 Works by Marek Vlk

Table 97: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[388]	2023	CoRR	42	0	0	1572	1596
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	[387]	2022	Computers Industrial Engineering	16	5	25	1380	1604
VlkHT21 VlkHT21	M. Vlk, Z. Hanzálek, S. Tang	Constraint programming approaches to joint routing and scheduling in time-sensitive networks	Yes	[814]	2021	Computers Industrial Engineering	14	7	22	1541	1612
BenediktSMVH18 BenediktSMVH18	O. Benedikt, P. Sucha, I. Módos, M. Vlk, Z. Hanzálek	Energy-Aware Production Scheduling with Power-Saving Modes	Yes	[114]	2018	CPAIOR 2018	10	2	12	462	864
BartakV15 BartakV15	R. Barták, M. Vlk	Reactive Recovery from Machine Breakdown in Production Scheduling with Temporal Distance and Resource Constraints	Yes	[77]	2015	ICAART 2015	12	0	0	444	n/a

D.70 5 Works by Nic Wilson

Table 98: Works from bibtex (Total 5)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AntunesABD20 AntunesABD20	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[28]	2020	Int. J. Artif. Intell. Tools	31	0	16	1263	n/a
AntunesABD18 AntunesABD18	M. Antunes, V. Armant, Kenneth N. Brown, Daniel A. Desmond, G. Escamocher, A. 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	[27]	2018	ICTAI 2018	8	1	24	422	n/a
BeckW07 BeckW07	J. Christopher Beck, N. Wilson	Proactive Algorithms for Job Shop Scheduling with Probabilistic Durations	Yes	[99]	2007	J. Artif. Intell. Res.	50	27	0	1289	n/a
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[98]	2005	IJCAI 2005	6	0	0	455	n/a
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[97]	2004	ECAI 2004	5	0	0	454	n/a

E Other Works

E.1 Books from bibtex

Table 99: Works from bibtex (Total 3)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ArtiguesDN08 ArtiguesDN08		Resource Constrained Project Scheduling	No	[41]	2008	Book	null	63	0	No	n/a
BaptistePN01 BaptistePN01	P. Baptiste, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling	No	[67]	2001	Book	null	296	0	No	n/a
Hooker00 Hooker00	John N. Hooker	Logic Based Methods for Optimization: Combining Optimization and Constraint Satisfaction	No	[399]	2000	Book	null	185	0	No	n/a

E.2 PhDThesis from bibtex

Table 100: Works from bibtex (Total 28)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[48]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	2976	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	[325]	2021	IMT Atlantique Bretagne Pays de la Loire, Brest, France	168	0	0	2988	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Lemos21 Lemos21	Alexandre Duarte de Almeida Lemos	Solving scheduling problems under disruptions	Yes	[495]	2021	UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO	188	0	0	2992	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	[849]	2021	Université de Tours - LIFAT	185	0	0	3002	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[537]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	2995	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	[34]	2019	Toulouse 3	null	0	0	No	n/a
Caballero19 Caballero19	Jordi Coll Caballero	Scheduling Through Logic-Based Tools	Yes	[166]	2019	Universitat de Girona, Spain	194	0	0	2979	n/a
German18 German18	G. German	Constraint programming for lot-sizing problems	Yes	[317]	2018	Université Grenoble Alpes	112	0	0	2987	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
Fahimi16 Fahimi16	H. Fahimi	Efficient algorithms to solve scheduling problems with a variety of optimization criteria	Yes	[271]	2016	Université Laval, Quebec, Canada	120	0	0	2985	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	[295]	2016	Université d'Angers	181	0	0	2986	n/a
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[602]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	2999	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	[233]	2015	École des mines de Nantes, France	113	0	0	2983	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	[732]	2015	INSA Toulouse, France	199	0	0	3001	n/a
Kameugne14 Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif	Yes	[438]	2014	University of Yaounde I, Cameroon	139	0	0	2990	n/a

Table 100: Works from bibtex (Total 28)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Letort13 Letort13	A. Letort	Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources	Yes	[496]	2013	Ecole des Mines de Nantes	132	0	0	2993	n/a
Clercq12 Clercq12	Alexis De Clercq	Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions	Yes	[224]	2012	Ecole des Mines de Nantes	196	0	0	2980	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	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	[561]	2011	University of Nantes, France	148	0	0	2998	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[713]	2011	University of Melbourne, Australia	209	0	0	3000	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
Malik08 Malik08	Abid M. Malik	Constraint Programming Techniques for Optimal Instruction Scheduling	Yes	[550]	2008	University of Waterloo, Ontario, Canada	151	0	0	2997	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	[230]	2003	University of Avignon, France	148	0	0	2982	n/a
Elkhyari03 Elkhyari03	A. Elkhyari	Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques	Yes	[257]	2003	Université de Nantes	333	0	0	2984	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[493]	2002	University of Leeds, UK	230	0	0	2991	n/a
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[82]	1999	University of Toronto, Canada	418	0	0	2978	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Astrand21 [48]	142	sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	C++, Julia	Cplex, OPL, Gecode	satellite, agriculture, semiconductor, drone, robot	potash industry, mineral industry, mining industry, maritime industry, shipping industry	generated instance, benchmark, real-world, real-life	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	2948	n/a
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a
Beck99 [82]	418	due-date, COP, order, distributed, preempt, explanation, preemptive, CLP, CP, release-date, CSP, tardiness, activity, transportation, precedence, re-scheduling, resource, job, constraint optimization, stochastic, multi-agent, scheduling, inventory, machine, job-shop, constraint programming, task, constraint satisfaction, stock level, make-span, producer/consumer	single machine	cumulative, disjunctive, Disjunctive constraint, circuit	Prolog, C++	Ilog Solver, CHIP, Ilog Scheduler, OPL	telescope, evacuation, robot, medical		real-world, benchmark	column generation, not-last, edge-finding, simulated annealing, machine learning, meta heuristic, not-first, genetic algorithm	2975	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Caballero19 [166]	194	machine, setup-time, preempt, CP, periodic, constraint satisfaction, order, distributed, cmax, scheduling, explanation, resource, CSP, task, activity, constraint programming, precedence, release-date, make-span, preemptive, completion-time	psplib, Resource-constrained Project Scheduling Problem, RCPSP	circuit, Cardinality constraint, cycle, Arithmetic constraint, cumulative, alldifferent	C++	MiniZinc, SCIP, CHIP, Z3, CPO, Chuffed, OPL			real-life, benchmark, instance generator	lazy clause generation, energetic reasoning, timetabling, meta heuristic, edge-finding, bi-partite matching, GRASP, conflict-driven clause learning	2955	n/a
Clercq12 [224]	196	task, CSP, manpower, activity, job-shop, CP, make-span, explanation, constraint optimization, resource, COP, due-date, order, machine, job, CLP, scheduling, constraint programming, constraint satisfaction	psplib	Cumulatives constraint, alldifferent, circuit, SoftCumulative, cumulative, disjunctive, SoftCumulativeSum	Prolog	Choco Solver, Gecode, ECLiPSe, SICStus, CHIP	patient		benchmark	energetic reasoning, sweep, not-first, not-last, edge-finding, time-tabling	2965	n/a
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a
Demassey03 [230]	148	job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, CLP, single-machine scheduling, open-shop, order, constraint logic programming, scheduling, preempt, task, machine, constraint satisfaction, Logic-Based Benders Decomposition, preemptive, job-shop, activity, flow-shop, CP, resource	single machine, Resource-constrained Project Scheduling Problem, CuSP, psplib, TCSP, RCPSP	circuit, cumulative, disjunctive, cycle	C++	Ilog Solver, Cplex, Claire			benchmark	column generation, not-last, meta heuristic, edge-finding, time-tabling, not-first, Lagrangian relaxation	2971	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Derrien15 [233]	113	scheduling, precedence, make-span, task, COP, preemptive, CSP, CP, machine, stochastic, constraint programming, constraint optimization, open-shop, order, activity, job-shop, resource, job, constraint satisfaction, preempt	psplib, CuSP	cumulative, alldifferent, Disjunctive constraint, circuit, disjunctive		Claire, Choco Solver	robot		benchmark	edge-finding, sweep, time-tabling, energetic reasoning	2961	n/a
Elkhyari03 [257]	333	periodic, preemptive, job-shop, activity, flow-shop, explanation, CP, open-shop, order, breakdown, re-scheduling, reactive scheduling, job, constraint programming, CSP, precedence, release-date, scheduling, task, CLP, machine, make-span, cmax, tardiness, COP, constraint logic programming, preempt, constraint satisfaction, resource	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Temporal Constraint Satisfaction Problem, single machine, CuSP	cycle, cumulative, disjunctive		CPO, Choco Solver, Claire			benchmark, Roadef	meta heuristic, time-tabling, mat heuristic, genetic algorithm	2972	n/a
Fahimi16 [271]	120	reactive scheduling, completion-time, flow-shop, constraint satisfaction, task, open-shop, stochastic, CSP, periodic, activity, job-shop, CP, Logic-Based Benders Decomposition, constraint logic programming, preempt, precedence, batch process, setup-time, due-date, preemptive, order, make-span, machine, job, resource, lateness, transportation, sequence dependent setup, tardiness, scheduling, constraint programming, Benders Decomposition	single machine, CuSP, parallel machine, RCPSP	Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive	Java, C++	Choco Solver, Ilog Scheduler, Gecode, CHIP	aircraft		benchmark, random instance, Roadef, real-world	time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow	2958	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Froger16 [295]	181	constraint logic programming, preempt, distributed, resource, COP, inventory, batch process, re-scheduling, preemptive, order, sustainability, completion-time, machine, job, release-date, transportation, unavailability, breakdown, scheduling, multi-objective, constraint programming, Benders Decomposition, reactive scheduling, constraint satisfaction, task, stochastic, manpower, Pareto, CP, Logic-Based Benders Decomposition, explanation	single machine, CuSP, TMS	cumulative, disjunctive, cycle	Java	Gurobi, OZ, Choco Solver	maintenance scheduling, satellite, train schedule, energy-price, offshore	wind industry, power industry, electricity industry, energy industry	real-life, real-world, industrial partner, instance generator, benchmark, Roadef, generated instance	genetic algorithm, neural network, simulated annealing, max-flow, mat heuristic, meta heuristic, ant colony, particle swarm, large neighborhood search, Lagrangian relaxation, column generation	2959	n/a
German18 [317]	112	CSP, setup-time, activity, CP, explanation, earliness, machine, resource, COP, cmax, order, scheduling, constraint satisfaction, stock level, job, task, stochastic, constraint programming, job-shop, inventory		Disjunctive constraint, cumulative, disjunctive, Cardinality constraint, bin-packing, Balance constraint, Among constraint	Prolog	SICStus, Cplex, Z3, OPL, Choco Solver	nurse		real-life, real-world, benchmark, CSPlib, generated instance		2956	n/a
Godet21a [325]	168	activity, CP, make-span, explanation, machine, distributed, resource, COP, lateness, precedence, cmax, due-date, preemptive, order, scheduling, Benders Decomposition, completion-time, constraint satisfaction, job, task, open-shop, release-date, transportation, periodic, constraint programming, job-shop, flow-shop, constraint optimization, preempt, CSP	PMSP, Resource-constrained Project Scheduling Problem, single machine, RCPSP, parallel machine, JSSP, psplib	cycle, AllDiff constraint, cumulative, Element constraint, Cardinality constraint, bin-packing, GeneralizedAllDiffPrec, BinPacking constraint, disjunctive, AllDiffPrec constraint, Disjunctive constraint, alldifferent		Claire, Chuffed, MiniZinc, CHIP, OR-Tools, OPL, Choco Solver	maintenance scheduling, satellite, robot, railway	electricity industry	real-life, github, benchmark, random instance, generated instance	meta heuristic, edge-finding, sweep, lazy clause generation, time-tabling	2949	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Kameugne14 [438]	139	constraint satisfaction, resource, preemptive, job-shop, flow-shop, completion-time, CP, order, job, constraint programming, CSP, scheduling, task, CLP, machine, make-span, preempt	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, CuSP, psplib	Cumulatives constraint, Balance constraint, circuit, Disjunctive constraint, cumulative, disjunctive	C++, Java, Prolog	Claire, ECLiPSe, SICStus, Cplex, Mistral, Choco Solver, Gecode, CHIP			Roadef	not-last, edge-finder, energetic reasoning, timetabling, not-first, edge-finding	2963	n/a
Layfield02 [493]	230	CP			C	OPL, OZ, Z3					2974	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Lemos21 [495]	188	transportation, CSP, machine, COP, distributed, unavailability, constraint satisfaction, bi-objective, job, order, energy efficiency, constraint optimization, scheduling, CP, precedence, job-shop, constraint programming, explanation, multi-objective, re-scheduling, multi-agent, constraint logic programming, task, stochastic, periodic, Pareto, resource	RCPSP	alldifferent, cumulative, Cardinality constraint, cycle	C++, Python, Java	Cplex, OPL, Gurobi	surgery, COVID, train schedule, crew-scheduling, railway, meeting scheduling, high school timetabling, medical	railway industry	github, real-life, Roadef, real-world, benchmark	time-tabling, large neighborhood search, reinforcement learning, conflict-driven clause learning, machine learning, simulated annealing, meta heuristic, GRASP, genetic algorithm, evolutionary computing	2951	n/a
Letort13 [496]	132	constraint programming, job-shop, CP, CSP, machine, resource, precedence, cmax, order, CLP, scheduling, constraint satisfaction, job, task	psplib	bin-packing, alldifferent, Cumulatives constraint, cumulative, geost, disjunctive	Java, Prolog	Choco Solver, SICStus, Claire, CHIP	datacenter, steel mill		CSPlib, Roadef, benchmark	energetic reasoning, sweep, not-last, edge-finding, meta heuristic, not-first, time-tabling, large neighborhood search	2964	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Lombardi10 [517]	175	re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	C	Ilog Solver, OPL, Cplex	pipeline, aircraft, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, instance generator, real-life, real-world	large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation	2969	n/a
Lunardi20 [537]	181	reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness	parallel machine, FJS, single machine	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	Python	CPO, OPL, Cplex	high performance computing, robot	printing industry, glass industry	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	2953	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Malapert11 [545]	194	tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date	Open Shop Scheduling Problem, single machine	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint	C++, Java, Prolog	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	robot, semiconductor, rectangle-packing, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep	2966	n/a
Malik08 [550]	151	scheduling, CP, constraint programming, completion-time, CSP, breakdown, task, resource, make-span, cyclic scheduling, order, machine, activity, distributed, precedence, constraint satisfaction, job		alldifferent, Cardinality constraint, cycle			pipeline		benchmark, real-life	edge-finding, machine learning	2970	n/a
Menana11 [561]	148	CSP, manpower, activity, CP, distributed, resource, cyclic scheduling, precedence, CLP, scheduling, machine, task, multi-objective, constraint programming, constraint satisfaction, constraint optimization		alldifferent, Regular constraint, Cardinality constraint	Prolog	Claire, Z3, CHIP, OPL, Choco Solver	nurse		Roadef, github, benchmark	meta heuristic, large neighborhood search, Lagrangian relaxation, timetabling, genetic algorithm, column generation	2967	n/a
Nattaf16 [602]	199	inventory, CSP, setup-time, make-span, machine, resource, cmax, due-date, preemptive, order, tardiness, scheduling, flow-shop, constraint satisfaction, job, task, constraint programming, job-shop, CP, bi-objective, preempt	CECSP, psplib, RCPSP, Resource-constrained Project Scheduling Problem, single machine, CuSP, parallel machine	cumulative, disjunctive, alldifferent	C++	Claire, Cplex	maintenance scheduling, robot	process industry	Roadef	genetic algorithm, column generation, edge-finding, mat heuristic, energetic reasoning, sweep	2960	n/a

Table 101: Automatically Extracted THESIS Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Schutt11 [713]	209	constraint logic programming, resource, precedence, cmax, preemptive, order, tardiness, CLP, scheduling, completion-time, machine, job, task, open-shop, one-machine scheduling, release-date, constraint programming, job-shop, constraint satisfaction, preempt, CSP, setup-time, periodic, activity, CP, make-span, explanation	Resource-constrained Project Scheduling Problem, RCPSP, Open Shop Scheduling Problem, psplib	UTVPI constraint, cumulative, circuit, Element constraint, geost, disjunctive, Arithmetic constraint, bin-packing, Reified constraint, Disjunctive constraint, alldifferent, cycle	C++, Prolog	SICStus, Ilog Scheduler, SCIP, ECLiPSe, CHIP, Ilog Solver	rectangle-packing	carpet industry	real-world, industrial instance, instance generator, benchmark	meta heuristic, not-first, simulated annealing, edge-finding, sweep, ant colony, lazy clause generation, edge-finder, time-tabling, energetic reasoning, not-last	2968	n/a
Siala15a [732]	199	constraint programming, job-shop, CP, explanation, earliness, constraint logic programming, COP, CSP, setup-time, activity, make-span, machine, job, resource, precedence, cmax, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, constraint satisfaction, task, open-shop, periodic	OSP, RCPSP, single machine, TMS	Among constraint, AmongSeq constraint, Atmost constraint, Disjunctive constraint, GCC constraint, CardPath, AtMostSeqCard, AtMostSeq, table constraint, Balance constraint, cumulative, circuit, disjunctive, Regular constraint, Cardinality constraint, MultiAtMostSeqCard, Reified constraint, alldifferent, cycle		Ilog Solver, Mistral, Claire, CHIP, OPL	rectangle-packing, automotive		Roadef, real-world, github, benchmark, random instance, CSPlib	evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, time-tabling, large neighborhood search, ant colony, GRASP	2962	n/a
Zahout21 [849]	185	completion-time, machine, job, online scheduling, release-date, multi-agent, energy efficiency, multi-objective, constraint programming, job-shop, flow-shop, bi-objective, preempt, task, CSP, activity, Pareto, CP, make-span, distributed, resource, precedence, due-date, re-scheduling, preemptive, scheduling	CuSP, RCPSP, TCSP, single machine, parallel machine, SCC	bin-packing, cycle, cumulative, circuit		CPO, Cplex, Claire	datacenter, business process, high performance computing, crew-scheduling, satellite		benchmark	meta heuristic, reinforcement learning, GRASP, column generation, genetic algorithm	2952	n/a

E.3 InBook from bibtex

Table 102: Works from bibtex (Total 16)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
SchuttFSW15 SchuttFSW15	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	A Satisfiability Solving Approach	No	[721]	2015	Handbook on Project Management and Scheduling Vol.1	26	3	28	No	n/a
CestaOPS14 CestaOPS14	A. Cesta, A. Oddi, N. Policella, Stephen F. Smith	A Precedence Constraint Posting Approach	No	[188]	2014	Handbook on Project Management and Scheduling Vol.1	null	2	17	No	n/a
GuSSWC14 GuSSWC14	H. Gu, A. Schutt, Peter J. Stuckey, Mark G. Wallace, G. Chu	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem	No	[350]	2014	Handbook on Project Management and Scheduling Vol.1	null	5	35	No	n/a
Milano11 Milano11	M. Milano	Constraint Programming Links with Math Programming	No	[571]	2011	Wiley Encyclopedia of Operations Research and Management Science	null	0	28	No	n/a
CastroGR10 CastroGR10	Pedro M. Castro, Ignacio E. Grossmann, L. Rousseau	Decomposition Techniques for Hybrid MILP/CP Models applied to Scheduling and Routing Problems	No	[182]	2010	Hybrid Optimization	null	0	67	No	n/a
Hooker10 Hooker10	John N. Hooker	Hybrid Modeling	No	[408]	2010	Hybrid Optimization	null	9	39	No	n/a
GongLMW09 GongLMW09	J. Gong, Earl E. Lee, John E. Mitchell, William A. Wallace	Logic-based MultiObjective Optimization for Restoration Planning	No	[337]	2009	Optimization and Logistics Challenges in the Enterprise	null	14	13	No	n/a
AggounMV08 AggounMV08	A. Aggoun, C. Maravelias, A. Vazacopoulos	Mixed Integer Programming/Constraint Programming Hybrid Methods	No	[13]	2008	Encyclopedia of Optimization	null	0	34	No	n/a
Hooker06a Hooker06a	John N. Hooker	Operations Research Methods in Constraint Programming	No	[406]	2006	Foundations of Artificial Intelligence	null	11	44	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	[623]	2006	Perspectives in Modern Project Scheduling	null	3	34	No	n/a
WolfS05a WolfS05a	A. Wolf, H. Schlenker	Realising the Alternative Resources Constraint	Yes	[833]	2005	Applications of Declarative Programming and Knowledge Management	15	5	6	??	n/a
AggounV04 AggounV04	A. Aggoun, A. Vazacopoulos	Solving Sports Scheduling and Timetabling Problems with Constraint Programming	No	[14]	2004	Economics, Management and Optimization in Sports	null	7	4	No	n/a
AjiliW04 AjiliW04	F. Ajili, Mark G. Wallace	Hybrid Problem Solving in ECLiPSe	No	[17]	2004	Constraint and Integer Programming	null	4	24	No	n/a
DannaP04 DannaP04	E. Danna, Claude Le Pape	Two Generic Schemes for Efficient and Robust Cooperative Algorithms	No	[214]	2004	Constraints and Integer Programming	null	2	34	No	n/a
DomdorfPH03 DomdorfPH03	U. Domdorf, E. Pesch, Toän Phan Huy	Machine Learning by Schedule Decomposition — Prospects for an Integration of AI and OR Techniques for Job Shop Scheduling	No	[243]	2003	Advances in Evolutionary Computing	null	0	57	No	n/a
DorndorfHP99 DorndorfHP99	U. Dorndorf, Toàn Phan Huy, E. Pesch	A Survey of Interval Capacity Consistency Tests for Time- and Resource-Constrained Scheduling	No	[245]	1999	Project Scheduling	null	18	20	No	n/a

E.4 InCollection from bibtex

Table 103: Works from bibtex (Total 9)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
BlazewiczEP19 BlazewiczEP19	J. Blazewicz, Klaus H. Ecker, E. Pesch, G. Schmidt, M. Sterna, J. Weglarz	Constraint Programming and Disjunctive Scheduling	No	[127]	2019	Handbook on Scheduling	62	38	0	No	n/a
Hooker19 Hooker19	John N. Hooker	Logic-Based Benders Decomposition for Large-Scale Optimization	Yes	[410]	2019	Large Scale Optimization in Supply Chains and Smart Manufacturing	26	8	0	3028	n/a
HurleyOS16 HurleyOS16	B. Hurley, B. O'Sullivan, H. Simonis	ICON Loop Energy Show Case	Yes	[420]	2016	Data Mining and Constraint Programming - Foundations of a Cross-Disciplinary Approach	14	0	16	3029	n/a
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[73]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
BriandHHL08 BriandHHL08	C. Briand, M. Huguet, Hoang Trung La, P. Lopez	Constraint-based Approaches for Robust Scheduling	No	[157]	2008	Flexibility and Robustness in Scheduling	null	1	22	No	n/a
EsquirolLH2008 EsquirolLH2008	P. Esquirol, P. Lopez, M. Huguet	Constraint Propagation and Scheduling	No	[266]	2008	Production Scheduling	null	0	28	No	n/a
BaptisteLPN06 BaptisteLPN06	P. Baptiste, P. Laborie, Claude Le Pape, W. Nuijten	Constraint-Based Scheduling and Planning	No	[63]	2006	Handbook of Constraint Programming	39	30	25	No	n/a
KanetAG04 KanetAG04	John J. Kanet, S. Ahire, Michael F. Gorman	Constraint Programming for Scheduling	Yes	[445]	2004	Handbook of Scheduling - Algorithms, Models, and Performance Analysis	22	0	0	3030	n/a
BreitingerL95 BreitingerL95	S. Breitinger, Hendrik C. R. Lock	Using Constraint Logic Programming for Industrial Scheduling Problems	No	[156]	1995	Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence	27	0	0	No	n/a

Table 104: Automatically Extracted INCOLLECTION Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker19 [410]	26	constraint satisfaction, machine, job, task, one-machine scheduling, release-date, transportation, stochastic, constraint programming, job-shop, Logic-Based Benders Decomposition, constraint optimization, inventory, activity, CP, make-span, explanation, single-machine scheduling, constraint logic programming, distributed, resource, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, multi-objective, Benders Decomposition	single machine, parallel machine	disjunctive, cycle, cumulative, circuit		OPL, MiniZinc	container terminal, yard crane, operating room, railway, maintenance scheduling, satellite, torpedo, patient, aircraft		industrial instance	mat heuristic, large neighborhood search, timetabling, column generation, quadratic programming, meta heuristic	3020	n/a
HurleyOS16 [420]	14	resource, constraint programming, CP, order, re-scheduling, scheduling, task, machine, distributed		cumulative			datacentre, energy-price, supercomputer, high performance computing		real-world, benchmark	machine learning	3021	n/a
KanetAG04 [445]	22	scheduling, precedence, make-span, tardiness, task, COP, earliness, CSP, due-date, CP, machine, inventory, constraint programming, transportation, CLP, order, completion-time, activity, job-shop, resource, constraint logic programming, job, constraint satisfaction, setup-time, single-machine scheduling	single machine, parallel machine	alldifferent, Disjunctive constraint, disjunctive		ECLiPSe, Cplex, Ilog Solver, OPL	high school timetabling, patient			timetabling, meta heuristic	3026	n/a

F Background Works

Table 105: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Petropoulos23 Petropoulos23	F. Petropoulos, G. Laporte, E. Aktas, Sibel A. Alumur, C. Archetti, H. Ayhan, M. Battarra, Julia A. Bennell, J. Bourjolly, John E. Boylan, M. Breton, D. Canca, L. Charlin, B. Chen, Cihan Tugrul Cicek, Louis Anthony Cox, Christine S.M. Currie, E. Demeulemeester, L. Ding, Stephen M. Disney, M. Ehrgott, Martin J. Eppler, G. Erdoğan, B. Fortz, L. Alberto Franco, J. Frische, S. Greco, Amanda J. Gregory, Raimo P. Hämäläinen, W. Herroelen, M. Hewitt, J. Holmström, John N. Hooker, T. Işık, J. Johnes, Bahar Y. Kara, Özlem Karsu, K. Kent, C. Köhler, M. Kunc, Y. Kuo, Adam N. Letchford, J. Leung, D. Li, H. Li, J. Lienert, I. Ljubić, A. Lodi, S. Lozano, V. Lurkin, S. Martello, Ian G. McHale, G. Midgley, John D.W. Morecroft, A. Mutha, C. Oğuz, S. Petrovic, U. Pferschy, Harilaos N. Psaraftis, S. Rose, L. Saarinen, S. Salhi, J. Song, D. Sotiros, Kathryn E. Stecke, Arne K. Strauss, İstenç Tarhan, C. Thielen, P. Toth, Tom Van Woensel, Greet Vanden Berghe, C. Vasilakis, V. Vaze, D. Vigo, K. Virtanen, X. Wang, R. Weron, L. White, M. Yearworth, E. Alper Yıldırım, G. Zaccour, X. Zhao	Operational Research: methods and applications	Yes	[656]	2023	Journal of the Operational Research Society	262	0	0	No	n/a
HartmannB22 HartmannB22	S. Hartmann, D. Briskorn	An updated survey of variants and extensions of the resource-constrained project scheduling problem	Yes	[372]	2022	European Journal of Operational Research	14	55	196	No	n/a
LamGSHD20 LamGSHD20	E. Lam, G. Gange, Peter J. Stuckey, Pascal Van Hentenryck, Jip J. Dekker	Nutmeg: a MIP and CP Hybrid Solver Using Branch-and-Check	Yes	[489]	2020	SN Operations Research Forum	27	7	28	No	n/a
RahmanianiCGR17 RahmanianiCGR17	R. Rahmaniani, Teodor Gabriel Crainic, M. Gendreau, W. Rei	The Benders decomposition algorithm: A literature review	Yes	[678]	2017	European Journal of Operational Research	17	386	113	No	n/a
HartmannB10 HartmannB10	S. Hartmann, D. Briskorn	A survey of variants and extensions of the resource-constrained project scheduling problem	Yes	[371]	2010	European Journal of Operational Research	14	577	177	No	n/a
YunesAH10 YunesAH10	T. Yunes, Ionuţ D. Aron, John N. Hooker	An Integrated Solver for Optimization Problems	Yes	[844]	2010	Operations Research	16	25	38	No	n/a
Achterberg09 Achterberg09	T. Achterberg	SCIP: solving constraint integer programs	Yes	[6]	2009	Mathematical Programming Computation	41	706	54	No	n/a
FeydyS09 FeydyS09	T. Feydy, Peter J. Stuckey	Lazy Clause Generation Reengineered	Yes	[282]	2009	CP 2009	15	52	11	No	n/a
NethercoteSBBDT07 NethercoteSBBDT07	N. Nethercote, Peter J. Stuckey, R. Becket, S. Brand, Gregory J. Duck, G. Tack	MiniZinc: Towards a Standard CP Modelling Language	Yes	[609]	2007	CP 2007	15	344	5	No	n/a
KolischH06 KolischH06	R. Kolisch, S. Hartmann	Experimental investigation of heuristics for resource-constrained project scheduling: An update	Yes	[459]	2006	European Journal of Operational Research	15	503	62	No	n/a
BockmayrH05 BockmayrH05	A. Bockmayr, John N. Hooker	Constraint Programming	Yes	[132]	2005	Handbooks in Operations Research and Management Science	42	12	52	No	n/a

Table 105: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AronHY2004 AronHY2004	I. Aron, John N. Hooker, Tallys H. Yunes	SIMPL: A System for Integrating Optimization Techniques	Yes	[38]	2004	CPAIOR 2004	16	16	23	No	n/a
Apt03 Apt03	K. Apt	Principles of Constraint Programming	No	[32]	2003	Book	null	381	0	No	n/a
Hentenryck02 Hentenryck02	Pascal Van Hentenryck	Constraint and Integer Programming in OPL	No	[390]	2002	INFORMS Journal on Computing	null	48	37	No	n/a
LustigP01 LustigP01	Irvin J. Lustig, J. Puget	Program Does Not Equal Program: Constraint Programming and Its Relationship to Mathematical Programming	No	[540]	2001	Interfaces	null	84	10	No	n/a
BrailsfordPS99 BrailsfordPS99	Sally C. Brailsford, Chris N. Potts, Barbara M. Smith	Constraint satisfaction problems: Algorithms and applications	Yes	[155]	1999	European Journal of Operational Research	25	219	30	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	[160]	1999	European Journal of Operational Research	39	990	137	No	n/a
FocacciLM99 FocacciLM99	F. Focacci, A. Lodi, M. Milano	Cost-Based Domain Filtering	Yes	[284]	1999	CP 1999	15	68	9	No	n/a
HerroelenRD98 HerroelenRD98	W. Herroelen, Bert De Reyck, E. Demeulemeester	Resource-constrained project scheduling: A survey of recent developments	Yes	[394]	1998	Computers Operations Research	24	375	63	No	n/a
MarriottS98 MarriottS98	K. Marriott, Peter J. Stuckey	Programming with Constraints: An Introduction	No	[555]	1998	Book	null	410	0	No	n/a
Shaw98 Shaw98	P. Shaw	Using Constraint Programming and Local Search Methods to Solve Vehicle Routing Problems	Yes	[728]	1998	CP 1998	15	630	11	No	n/a
KolischS97 KolischS97	R. Kolisch, A. Sprecher	PSPLIB - A project scheduling problem library	Yes	[460]	1997	European Journal of Operational Research	12	840	18	No	n/a
CarlierP94 CarlierP94	J. Carlier, E. Pinson	Adjustment of heads and tails for the job-shop problem	Yes	[179]	1994	European Journal of Operational Research	16	151	10	No	n/a
JaffarM94 JaffarM94	J. Jaffar, Michael J. Maher	Constraint logic programming: a survey	Yes	[423]	1994	The Journal of Logic Programming	79	752	78	No	n/a
LubySZ93 LubySZ93	M. Luby, A. Sinclair, D. Zuckerman	Optimal speedup of Las Vegas algorithms	No	[534]	1993	Information Processing Letters	null	247	0	No	n/a
Taillard93 Taillard93	E. Taillard	Benchmarks for basic scheduling problems	Yes	[755]	1993	European Journal of Operational Research	8	1568	6	No	n/a
ApplegateC91 ApplegateC91	D. Applegate, W. Cook	A Computational Study of the Job-Shop Scheduling Problem	Yes	[31]	1991	ORSA Journal on Computing	8	536	0	No	n/a
DechterMP91 DechterMP91	R. Dechter, I. Meiri, J. Pearl	Temporal constraint networks	Yes	[226]	1991	Artificial Intelligence	35	879	28	No	n/a
CarlierP90 CarlierP90	J. Carlier, E. Pinson	A practical use of Jackson's preemptive schedule for solving the job shop problem	Yes	[178]	1990	Annals of Operations Research	19	112	11	No	n/a
CarlierP89 CarlierP89	J. Carlier, E. Pinson	An Algorithm for Solving the Job-Shop Problem	Yes	[177]	1989	Management Science	14	516	0	No	n/a
AdamsBZ88 AdamsBZ88	J. Adams, E. Balas, D. Zawack	The Shifting Bottleneck Procedure for Job Shop Scheduling	Yes	[9]	1988	Management Science	12	1054	0	No	n/a
BartuschMR88 BartuschMR88	M. Bartusch, R. H. Möhring, F. J. Radermacher	Scheduling project networks with resource constraints and time windows	Yes	[79]	1988	Annals of Operations Research	41	220	8	No	n/a
DincbasHSAGB88 DincbasHSAGB88	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier	The Constraint Logic Programming Language CHIP	Yes	[239]	1988	FGCS 1988	10	0	0	No	n/a
BlazewiczLK83 BlazewiczLK83	J. Blazewicz, Jan Karel Lenstra, A. H. G. Rinnooy Kan	Scheduling subject to resource constraints: classification and complexity	Yes	[128]	1983	Discret. Appl. Math.	14	947	6	No	n/a
Carlier82 Carlier82	J. Carlier	The one-machine sequencing problem	No	[176]	1982	European Journal of Operational Research	null	360	4	No	n/a

Table 105: Works from bibtex (Total 42)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
GrahamLLK79 GrahamLLK79	R. Graham, E. Lawler, J. Lenstra, A. Kan	Optimization and Approximation in Deterministic Sequencing and Scheduling: a Survey	No	[338]	1979	Annals of Discrete Mathematics	null	3894	93	No	n/a
Lauriere78 Lauriere78	J. Lauriere	A language and a program for stating and solving combinatorial problems	No	[492]	1978	Artificial Intelligence	null	149	14	No	n/a
Mackworth77 Mackworth77	Alan K. Mackworth	Consistency in networks of relations	No	[541]	1977	Artificial Intelligence	null	1384	0	No	n/a
GareyJS76 GareyJS76	M. R. Garey, D. S. Johnson, R. Sethi	The Complexity of Flowshop and Jobshop Scheduling	No	[300]	1976	Mathematics of Operations Research	null	1805	0	No	n/a
Geoffrion72 Geoffrion72	A. M. Geoffrion	Generalized Benders decomposition	Yes	[316]	1972	Journal of Optimization Theory and Applications	24	1659	7	No	n/a
PritskerWW69 PritskerWW69	A. Alan B. Pritsker, Lawrence J. Waiters, Philip M. Wolfe	Multiproject Scheduling with Limited Resources: A Zero-One Programming Approach	No	[669]	1969	Management Science	null	504	0	No	n/a
Benders62 Benders62	Jacques F. Benders	Partitioning procedures for solving mixed-variables programming problems	Yes	[112]	1962	Numerische Mathematik	15	2583	6	No	n/a

G 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 106: 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	Dejemeppe16 (113.00)	LaborieRSV18 (112.00)	Groleaz21 (110.00)	AwadMDMT22 (107.00)	Astrand21 (106.00)
Cosine	AstrandJZ18 (0.74)	PerezGSL23 (0.74)	abs-2312-13682 (0.74)	BridiBLMB16 (0.71)	BenderWS21 (0.70)
AbdennadherS99 R&C					
Euclid	FalaschiGMP97 (0.24)	Touraivane95 (0.25)	SmithBHW96 (0.27)	JelinekB16 (0.27)	DilkinaH04 (0.28)
Dot	Wallace96 (66.00)	ZarandiASC20 (63.00)	LammaMM97 (60.00)	Simonis07 (59.00)	Baptiste02 (59.00)
Cosine	FalaschiGMP97 (0.68)	Touraivane95 (0.66)	Bartak02 (0.65)	LammaMM97 (0.64)	WeilHFP95 (0.62)
AbohashimaEG21 R&C					
Euclid	LiuJ06 (0.25)	Hunsberger08 (0.27)	Baptiste09 (0.28)	CarchraeBF05 (0.28)	KovacsEKV05 (0.29)
Dot	Lunardi20 (77.00)	ZarandiASC20 (73.00)	Groleaz21 (72.00)	IsikYA23 (65.00)	Froger16 (62.00)
Cosine	LiuJ06 (0.54)	TranAB16 (0.54)	ParkUJR19 (0.54)	GroleazNS20a (0.53)	TranTDB13 (0.53)
AbreuAPNM21 R&C	AbreuN22 (0.75)	MejiaY20 (0.77)	AbreuNP23 (0.82)	MalapertCGJLR12 (0.83)	AbreuPNF23 (0.83)
Euclid	AbreuN22 (0.27)	AbreuPNF23 (0.29)	AbreuNP23 (0.30)	MejiaY20 (0.35)	BillautHL12 (0.38)
Dot	ZarandiASC20 (208.00)	Groleaz21 (194.00)	AbreuN22 (192.00)	AbreuPNF23 (185.00)	AbreuNP23 (184.00)
Cosine	AbreuN22 (0.89)	AbreuPNF23 (0.87)	AbreuNP23 (0.87)	MejiaY20 (0.80)	YuraszeckMPV22 (0.75)
AbreuN22 R&C	AbreuNP23 (0.73)	AbreuAPNM21 (0.75)	MejiaY20 (0.79)	AbreuPNF23 (0.79)	KelbelH11 (0.85)
Euclid	AbreuAPNM21 (0.27)	AbreuPNF23 (0.30)	AbreuNP23 (0.31)	MejiaY20 (0.38)	GedikKEK18 (0.41)
Dot	ZarandiASC20 (229.00)	Groleaz21 (214.00)	AbreuPNF23 (205.00)	AbreuNP23 (202.00)	Lunardi20 (200.00)
Cosine	AbreuAPNM21 (0.89)	AbreuPNF23 (0.87)	AbreuNP23 (0.86)	MejiaY20 (0.78)	MengZRZL20 (0.75)
AbreuNP23 R&C	AbreuN22 (0.73)	AwadMDMT22 (0.75)	AbreuPNF23 (0.78)	AbreuAPNM21 (0.82)	HeinzNVH22 (0.83)
Euclid	AbreuAPNM21 (0.30)	AbreuN22 (0.31)	AbreuPNF23 (0.33)	MejiaY20 (0.38)	MengZRZL20 (0.41)
Dot	ZarandiASC20 (202.00)	AbreuN22 (202.00)	AbreuPNF23 (195.00)	Groleaz21 (193.00)	MengZRZL20 (187.00)
Cosine	AbreuAPNM21 (0.87)	AbreuN22 (0.86)	AbreuPNF23 (0.84)	MejiaY20 (0.78)	MengZRZL20 (0.78)
AbreuPNF23 R&C	AbreuNP23 (0.78)	AbreuN22 (0.79)	AbreuAPNM21 (0.83)	MejiaY20 (0.92)	YuraszeckMPV22 (0.95)
Euclid	AbreuAPNM21 (0.29)	AbreuN22 (0.30)	AbreuNP23 (0.33)	MejiaY20 (0.38)	OujanaAYB22 (0.41)
Dot	ZarandiASC20 (231.00)	Groleaz21 (214.00)	AbreuN22 (205.00)	Lunardi20 (198.00)	PrataAN23 (196.00)
Cosine	AbreuN22 (0.87)	AbreuAPNM21 (0.87)	AbreuNP23 (0.84)	MejiaY20 (0.78)	PrataAN23 (0.77)
AbrilSB05 R&C					
Euclid	Baptiste09 (0.12)	FrostD98 (0.13)	CarchraeBF05 (0.15)	MaraveliasG04 (0.15)	KameugneF13 (0.16)
Dot	ZarandiASC20 (23.00)	Lemos21 (21.00)	LammaMM97 (20.00)	BartakSR10 (20.00)	Beck99 (19.00)
Cosine	BocewiczBB09 (0.60)	BartakS11 (0.59)	GelainPRVW17 (0.57)	WolinskiKG04 (0.57)	LammaMM97 (0.57)
AchterbergBKW08 R&C	MilanoW09 (0.81)	Hooker05b (0.87)	JainG01 (0.88)	AggounMV08 (0.90)	Hooker06a (0.92)
Euclid	Davis87 (0.27)	ZibranR11 (0.27)	BofillGSV15 (0.28)	CireCH13 (0.29)	Hooker05b (0.29)
Dot	Malapert11 (62.00)	MilanoW09 (61.00)	Groleaz21 (59.00)	ColT22 (58.00)	HookerH17 (58.00)
Cosine	CireCH13 (0.63)	Thorsteinsson01 (0.62)	NishikawaSTT18 (0.57)	HarjunkoskiJG00 (0.57)	BukchinR18 (0.57)
Acuna-AgostMFG09 R&C	MarliereSPR23 (0.99)	Rodriguez07 (0.99)			
Euclid	Baptiste09 (0.16)	AbrilSB05 (0.18)	CarchraeBF05 (0.19)	HebrardALLCMR22 (0.20)	Caballero23 (0.21)
Dot	Lemos21 (40.00)	MarliereSPR23 (39.00)	CappartS17 (36.00)	ZarandiASC20 (35.00)	PourDERB18 (33.00)
Cosine	RodriguezDG02 (0.65)	Baptiste09 (0.65)	MartinPY01 (0.62)	CappartS17 (0.61)	BarzegaranZP20 (0.59)
Adelgren2023 R&C	AwadMDMT22 (0.94)	RoePS05 (0.95)	MaraveliasCG04 (0.96)	SadykovW06 (0.96)	Beck10 (0.96)
Euclid	FontaineMH16 (0.34)	BenediktSMVH18 (0.35)	Jans09 (0.36)	CatusseCBL16 (0.36)	NishikawaSTT19 (0.36)
Dot	Groleaz21 (148.00)	ZarandiASC20 (138.00)	Astrand21 (129.00)	Baptiste02 (129.00)	NaderiRR23 (127.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	HeinzNVH22 (0.70)	FontaineMH16 (0.70)	Ham18a (0.70)	RoshanaeiLAU17 (0.69)	HamFC17 (0.67)
AfsarVPG23 R&C	ColT19 (0.92)	ColT2019a (0.93)	ColT22 (0.95)	Fatemi-AnarakiTFV23 (0.95)	KuB16 (0.96)
Euclid	ZhangYW21 (0.36)	Beck07 (0.36)	LiFJZLL22 (0.37)	KhayatLR06 (0.38)	BeckPS03 (0.38)
Dot	Lunardi20 (193.00)	ZarandiASC20 (189.00)	Groleaz21 (178.00)	Astrand21 (175.00)	Dejemeppe16 (165.00)
Cosine	ZhangYW21 (0.74)	Beck07 (0.74)	Lunardi20 (0.74)	LiFJZLL22 (0.72)	CzerniachowskaWZ23 (0.72)
AggounB93 R&C	BeldiceanuC94 (0.87)	PoderBS04 (0.89)	DincbasSH90 (0.92)	BeldiceanuCP08 (0.92)	Vilim11 (0.93)
Euclid	Goltz95 (0.32)	DincbasSH90 (0.33)	BeldiceanuCP08 (0.37)	Zhou96 (0.38)	Rit86 (0.39)
Dot	Malapert11 (133.00)	Baptiste02 (132.00)	Dejemeppe16 (122.00)	Beck99 (120.00)	LaborieRSV18 (118.00)
Cosine	Goltz95 (0.77)	DincbasSH90 (0.74)	RoePS05 (0.68)	Zhou96 (0.66)	BeldiceanuCP08 (0.65)
AggounMV08 R&C	CobanH11 (0.86)	Hooker05b (0.89)	Thorsteinsson01 (0.89)	LiW08 (0.89)	GongLMW09 (0.89)
Euclid					
Dot					
Cosine					
AggounV04 R&C	Simonis95 (0.71)	Geske05 (0.75)	SimonisCK00 (0.78)	SimonisC95 (0.83)	BeldiceanuCDP11 (0.83)
Euclid					
Dot					
Cosine					
AgussurjaKL18 R&C	HamdiL13 (0.83)	CireCH13 (0.86)	TerekhovDOB12 (0.92)	GuoHLW20 (0.92)	CobanH10 (0.92)
Euclid	LombardiM13 (0.28)	BonfiettiM12 (0.29)	Caballero23 (0.29)	HookerY02 (0.30)	ZibranR11 (0.30)
Dot	Lombardi10 (96.00)	LombardiM12 (94.00)	ZarandiASC20 (92.00)	LaborieRSV18 (82.00)	LiW08 (80.00)
Cosine	TranVNB17 (0.68)	CampeauG22 (0.67)	LiW08 (0.66)	LombardiM13 (0.66)	BeniniLMR11 (0.65)
AjiliW04 R&C	Wallace06 (0.85)	BockmayrP06 (0.87)	DannaP04 (0.88)	Refalo00 (0.89)	MilanoORT02 (0.89)
Euclid					
Dot					
Cosine					
AkkerDH07 R&C	LombardiM10 (0.89)	LiW08 (0.90)	Davenport10 (0.90)	OddiPCC05 (0.90)	BaptisteB18 (0.90)
Euclid	Limtanyakul07 (0.31)	Sadykov04 (0.32)	BenediktSMVH18 (0.33)	SadykovW06 (0.33)	HeipckeCCS00 (0.34)
Dot	Groleaz21 (138.00)	ZarandiASC20 (133.00)	Baptiste02 (133.00)	Dejemeppe16 (118.00)	Godet21a (115.00)
Cosine	Limtanyakul07 (0.71)	Sadykov04 (0.71)	HanenKP21 (0.69)	HeipckeCCS00 (0.69)	SadykovW06 (0.69)
AkramNHRSA23 R&C					
Euclid	GomesHS06 (0.23)	SunLYL10 (0.25)	QuSN06 (0.25)	BockmayrP06 (0.25)	JungblutK22 (0.25)
Dot	Groleaz21 (83.00)	ZarandiASC20 (80.00)	Dejemeppe16 (75.00)	Astrand21 (73.00)	Lombardi10 (73.00)
Cosine	BockmayrP06 (0.71)	GomesHS06 (0.69)	BukchinR18 (0.68)	HurleyOS16 (0.67)	CambazardHDJT04 (0.67)
Alaka21 R&C	AlakaP23 (0.69)	PinarbasiA20 (0.74)	KizilayC20 (0.84)	AbreuAPNM21 (0.90)	ValleMGT03 (0.93)
Euclid					
Dot					
Cosine					
AlakaP23 R&C	Alaka21 (0.69)	PinarbasiA20 (0.87)	CilKLO22 (0.91)	KizilayC20 (0.95)	MengLZB21 (0.97)
Euclid					
Dot					
Cosine					
AlesioBNG15 R&C	AlesioNBG14 (0.62)	GrimesH15 (0.96)	CambazardHDJT04 (0.96)	GilesH16 (0.96)	DejemeppeD14 (0.97)
Euclid	AlesioNBG14 (0.25)	CambazardHDJT04 (0.33)	AkramNHRSA23 (0.34)	NishikawaSTT19 (0.35)	ZibranR11a (0.35)
Dot	ZarandiASC20 (131.00)	Groleaz21 (127.00)	Lombardi10 (117.00)	Dejemeppe16 (116.00)	Astrand21 (112.00)
Cosine	AlesioNBG14 (0.83)	CambazardHDJT04 (0.71)	HladikCDJ08 (0.67)	NishikawaSTT19 (0.66)	AkramNHRSA23 (0.66)
AlesioNBG14 R&C	AlesioBNG15 (0.62)	CambazardHDJT04 (0.91)	GilesH16 (0.92)	MalapertCGJLR12 (0.92)	HladikCDJ08 (0.93)
Euclid	AlesioBNG15 (0.25)	Caseau97 (0.32)	CambazardHDJT04 (0.32)	WolfS05 (0.33)	SimoninAHL12 (0.33)
Dot	Dejemeppe16 (122.00)	Groleaz21 (122.00)	Godet21a (113.00)	ZarandiASC20 (112.00)	Lombardi10 (109.00)
Cosine	AlesioBNG15 (0.83)	CambazardHDJT04 (0.70)	KhayatLR06 (0.67)	PembertonG98 (0.66)	Wolf09 (0.66)
AlfieriGPS23 R&C	ColT2019a (0.96)	ColT19 (0.96)	NaderiRR23 (0.97)	ParkUJR19 (0.98)	HauderBRPA20 (0.98)
Euclid	LiFJZLL22 (0.37)	BogaerdtW19 (0.37)	FanXG21 (0.38)	Beck06 (0.38)	ZhangJZL22 (0.39)
Dot	ZarandiASC20 (189.00)	Groleaz21 (170.00)	PrataAN23 (167.00)	IsikYA23 (158.00)	NaderiRR23 (158.00)
Cosine	PrataAN23 (0.74)	AbreuAPNM21 (0.73)	FanXG21 (0.72)	AbreuPNF23 (0.72)	LiFJZLL22 (0.72)
AlizdehS20 R&C					
Euclid					
Dot					

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine					
AmadiniGM16 R&C	SzerediS16 (0.83)	KreterSS17 (0.86)	SchnellH15 (0.86)	YoungFS17 (0.86)	SchuttS16 (0.87)
Euclid	LombardiM13 (0.25)	Caballero23 (0.26)	BofillCSV17 (0.27)	OddiRC10 (0.27)	LombardiM12a (0.28)
Dot	Godet21a (98.00)	BoudreaultSLQ22 (91.00)	Groleaz21 (87.00)	PovedaAA23 (84.00)	Caballero19 (84.00)
Cosine	SzerediS16 (0.77)	BofillCSV17 (0.73)	BoudreaultSLQ22 (0.72)	LombardiM13 (0.72)	LombardiM12a (0.71)
AngelsmarkJ00 R&C	BrusoniCLMMT96 (0.89)	EsquirolLH2008 (0.92)	Muscettola02 (0.92)	Wolf11 (0.93)	PraletLJ15 (0.94)
Euclid	CarchraeBF05 (0.10)	HebrardTW05 (0.12)	Baptiste09 (0.13)	KovacsEKV05 (0.13)	BarlattCG08 (0.14)
Dot	BartakSR10 (33.00)	Beck99 (33.00)	ZarandiASC20 (33.00)	Siala15a (33.00)	Baptiste02 (33.00)
Cosine	CarchraeBF05 (0.80)	Caseau97 (0.78)	BarlattCG08 (0.77)	Rit86 (0.76)	BarbulescuWH04 (0.76)
AntunesABD18 R&C	AntunesABD20 (0.60)	FrohnerTR19 (0.97)	ArmstrongGOS22 (0.97)	HoYCLLCLC18 (0.97)	Ham18 (0.97)
Euclid	AntunesABD20 (0.15)	ZibranR11 (0.26)	ChapadosJR11 (0.27)	ZibranR11a (0.28)	TranVNB17a (0.28)
Dot	Groleaz21 (85.00)	HarjunkoskiMBC14 (83.00)	Dejemeppe16 (82.00)	ZarandiASC20 (82.00)	Lombardi10 (82.00)
Cosine	AntunesABD20 (0.91)	BoothNB16 (0.65)	ZibranR11 (0.65)	TranVNB17a (0.64)	GrimesIOS14 (0.64)
AntunesABD20 R&C	AntunesABD18 (0.60)	HoYCLLCLC18 (0.97)	Ham18 (0.97)	MusliuSS18 (0.97)	HechingHK19 (0.98)
Euclid	AntunesABD18 (0.15)	ZibranR11 (0.30)	GomesHS06 (0.31)	ChapadosJR11 (0.31)	FortinZDF05 (0.32)
Dot	ZarandiASC20 (95.00)	Groleaz21 (93.00)	Malapert11 (90.00)	HarjunkoskiMBC14 (90.00)	Dejemeppe16 (88.00)
Cosine	AntunesABD18 (0.91)	NishikawaSTT18a (0.60)	NovasH10 (0.59)	BoothNB16 (0.59)	BockmayrP06 (0.58)
AntuoriHHEN20 R&C	DavenportKRSH07 (0.90)	WatsonB08 (0.92)	SimoninAHL15 (0.92)	CarchraeB09 (0.93)	BeldiceanuP07 (0.93)
Euclid	AntuoriHHEN21 (0.30)	BockmayrP06 (0.37)	BukchinR18 (0.38)	LozanoCDS12 (0.38)	Muscettola94 (0.38)
Dot	Groleaz21 (139.00)	Dejemeppe16 (134.00)	ZarandiASC20 (130.00)	Lombardi10 (127.00)	Astrand21 (119.00)
Cosine	AntuoriHHEN21 (0.79)	MonetteDH09 (0.67)	HeipckeCCS00 (0.64)	Hooker06 (0.63)	Colombani96 (0.63)
AntuoriHHEN21 R&C					
Euclid	AntuoriHHEN20 (0.30)	BockmayrP06 (0.33)	BukchinR18 (0.33)	LozanoCDS12 (0.34)	Colombani96 (0.34)
Dot	Groleaz21 (121.00)	ZarandiASC20 (112.00)	AntuoriHHEN20 (106.00)	Astrand21 (103.00)	Malapert11 (103.00)
Cosine	AntuoriHHEN20 (0.79)	MonetteDH09 (0.66)	Colombani96 (0.65)	BockmayrP06 (0.65)	BukchinR18 (0.64)
ArbaouiY18 R&C	EdisO11 (0.82)	NattafALR16 (0.88)	PraletLJ15 (0.91)	PandeyS21a (0.91)	Ham18a (0.93)
Euclid	EdisO11 (0.29)	Ham18a (0.30)	abs-2305-19888 (0.30)	BenediktSMVH18 (0.31)	NattafDYW19 (0.31)
Dot	Groleaz21 (126.00)	Lunardi20 (120.00)	NaderiRR23 (120.00)	IsikYA23 (116.00)	YunusogluY22 (115.00)
Cosine	GedikKEK18 (0.79)	abs-2305-19888 (0.78)	Ham18a (0.77)	HeinzNVH22 (0.75)	NattafDYW19 (0.74)
Arkhipov19 R&C					
Euclid					
Dot					
Cosine					
ArkhipovBL19 R&C	NeronABCDD06 (0.67)	DemasseyAM05 (0.80)	CarlierPSJ20 (0.80)	CarlierSJP21 (0.83)	LiessM08 (0.84)
Euclid	HeipckeCCS00 (0.29)	VilimLS15 (0.30)	HillTV21 (0.30)	KovacsV06 (0.31)	LiessM08 (0.31)
Dot	Schutt11 (160.00)	Godet21a (159.00)	Groleaz21 (158.00)	Baptiste02 (156.00)	Dejemeppe16 (148.00)
Cosine	VilimLS15 (0.81)	HeipckeCCS00 (0.80)	HillTV21 (0.79)	BaptisteB18 (0.78)	DemasseyAM05 (0.78)
ArmstrongGOS21 R&C	TangB20 (0.86)	RendlPHPR12 (0.93)	LaborieRSV18 (0.99)		
Euclid	JuvinHL23 (0.48)	ArmstrongGOS22 (0.48)	CzerniachowskaWZ23 (0.49)	ZhouGL15 (0.49)	LiFJZLL22 (0.49)
Dot	Lunardi20 (193.00)	Malapert11 (186.00)	Groleaz21 (180.00)	ZarandiASC20 (176.00)	Astrand21 (169.00)
Cosine	ArmstrongGOS22 (0.66)	JuvinHL23 (0.65)	CzerniachowskaWZ23 (0.65)	ZhouGL15 (0.64)	LiFJZLL22 (0.63)
ArmstrongGOS22 R&C	GroleazNS20 (0.92)	ParkUJR19 (0.94)	Laborie18a (0.96)	ColT2019a (0.96)	ColT19 (0.96)
Euclid	ZhouGL15 (0.36)	LiLZDZW24 (0.36)	JuvinHL23 (0.37)	ZhangJZL22 (0.37)	PerezGSL23 (0.38)
Dot	ArmstrongGOS21 (128.00)	IsikYA23 (120.00)	Astrand21 (118.00)	Lunardi20 (118.00)	Groleaz21 (115.00)
Cosine	ZhouGL15 (0.71)	ZhangJZL22 (0.67)	ArmstrongGOS21 (0.66)	LiLZDZW24 (0.65)	JuvinHL23 (0.65)
AronssonBK09 R&C					
Euclid	HebrardTW05 (0.27)	Acuna-AgostMFG09 (0.27)	Hooker17 (0.28)	Caseau97 (0.28)	AngelsmarkJ00 (0.28)
Dot	Malapert11 (72.00)	LaborieRSV18 (69.00)	Lemos21 (67.00)	Lunardi20 (59.00)	ColT22 (59.00)
Cosine	Geske05 (0.61)	Rodriguez07 (0.61)	PourDERB18 (0.60)	WolfS05 (0.59)	Colombani96 (0.58)
ArtiguesBF04 R&C	ArtiguesF07 (0.71)	GrimesH10 (0.76)	Wolf03 (0.84)	DejemeppeCS15 (0.86)	SourdN00 (0.87)
Euclid	ArtiguesF07 (0.19)	TanSD10 (0.26)	FocacciLN00 (0.28)	CauwelaertDMS16 (0.29)	MenciaSV13 (0.29)
Dot	Baptiste02 (142.00)	Groleaz21 (137.00)	Malapert11 (133.00)	GrimesH15 (131.00)	Dejemeppe16 (128.00)
Cosine	ArtiguesF07 (0.92)	FocacciLN00 (0.82)	TanSD10 (0.82)	OrnekO16 (0.79)	MenciaSV13 (0.79)
ArtiguesDN08 R&C	BertholdHLMS10 (0.95)	SchuttFSW11 (0.96)	LiW08 (0.96)	AkkerDH07 (0.97)	DemasseyAM05 (0.97)
Euclid					
Dot					

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine					
ArtiguesF07 R&C	ArtiguesBF04 (0.71)	GrimesH10 (0.86)	SourdN00 (0.87)	DorndorfPH99 (0.88)	GrimesHM09 (0.88)
Euclid	ArtiguesBF04 (0.19)	TanSD10 (0.27)	FocacciLN00 (0.29)	MenciaSV13 (0.30)	CauwelaertDMS16 (0.30)
Dot	Groleaz21 (157.00)	Baptiste02 (153.00)	Malapert11 (146.00)	Dejemeppe16 (145.00)	ZarandiASC20 (145.00)
Cosine	ArtiguesBF04 (0.92)	TanSD10 (0.82)	FocacciLN00 (0.81)	MenciaSV12 (0.80)	MenciaSV13 (0.79)
ArtiguesHQT21 R&C					
Euclid	CarlierPSJ20 (0.30)	Caballero23 (0.30)	BertholdHLMS10 (0.30)	CrawfordB94 (0.31)	Caseau97 (0.31)
Dot	ZarandiASC20 (91.00)	Lombardi10 (88.00)	Groleaz21 (86.00)	Baptiste02 (86.00)	BaptistePN99 (86.00)
Cosine	CarlierPSJ20 (0.70)	BaptistePN99 (0.69)	HanenKP21 (0.68)	BertholdHLMS10 (0.65)	NattafHKAL19 (0.64)
ArtiguesL14 R&C	NattafAL15 (0.75)	NattafAL17 (0.78)	DerrienP14 (0.80)	ArtiguesLH13 (0.81)	Tesch18 (0.86)
Euclid	NattafAL15 (0.20)	NattafALR16 (0.23)	NattafHKAL19 (0.24)	NattafAL17 (0.27)	CarlierPSJ20 (0.28)
Dot	Baptiste02 (112.00)	Lombardi10 (111.00)	Fahimi16 (108.00)	NattafAL15 (104.00)	NattafALR16 (102.00)
Cosine	NattafAL15 (0.89)	NattafALR16 (0.86)	NattafHKAL19 (0.83)	NattafAL17 (0.77)	CarlierPSJ20 (0.76)
ArtiguesLH13 R&C	ArtiguesL14 (0.81)	NattafAL15 (0.85)	NattafALR16 (0.90)	NishikawaSTT18 (0.93)	NattafHKAL19 (0.94)
Euclid	HanenKP21 (0.34)	Hooker05a (0.35)	JainG01 (0.35)	Hooker06 (0.35)	Limtanyakul07 (0.35)
Dot	Baptiste02 (175.00)	Lombardi10 (163.00)	Groleaz21 (160.00)	ZarandiASC20 (156.00)	Dejemeppe16 (154.00)
Cosine	HanenKP21 (0.76)	JainG01 (0.75)	Hooker05a (0.75)	Limtanyakul07 (0.74)	Hooker06 (0.74)
ArtiguesR00 R&C	DilkinaDH05 (0.90)	GeibingerMM19 (0.94)	HeckmanB11 (0.96)	BruckerK00 (0.96)	EsquirolLH2008 (0.97)
Euclid	HentenryckM04 (0.32)	OzturkTHO12 (0.34)	DemasseyAM05 (0.36)	Vilim09 (0.36)	BonfiettiLBM12 (0.36)
Dot	Groleaz21 (156.00)	Baptiste02 (151.00)	Dejemeppe16 (143.00)	ZarandiASC20 (142.00)	Malapert11 (135.00)
Cosine	HentenryckM04 (0.74)	OzturkTHO12 (0.71)	Pralet17 (0.71)	DemasseyAM05 (0.70)	BeckPS03 (0.69)
ArtiouchineB05 R&C	Vilim05 (0.66)	Wolf05 (0.70)	MonetteDD07 (0.74)	VilimBC04 (0.80)	Wolf03 (0.82)
Euclid	BeckF99 (0.29)	VilimBC04 (0.30)	VilimBC05 (0.31)	MonetteDD07 (0.31)	CauwelaertDMS16 (0.32)
Dot	Baptiste02 (146.00)	Fahimi16 (138.00)	Dejemeppe16 (134.00)	Malapert11 (127.00)	Lombardi10 (126.00)
Cosine	VilimBC05 (0.74)	BeckF99 (0.74)	MonetteDD07 (0.74)	GokgurHO18 (0.74)	VilimBC04 (0.74)
Astrand0F21 R&C	AstrandJZ18 (0.76)	AstrandJZ20 (0.83)	SialaAH15 (0.90)	AntuoriHHEN20 (0.94)	GaySS14 (0.94)
Euclid	AstrandJZ20 (0.29)	AstrandJZ18 (0.31)	CarchraeB09 (0.31)	VanczaM01 (0.32)	KhayatLR06 (0.32)
Dot	Astrand21 (157.00)	Dejemeppe16 (137.00)	LaborieRSV18 (133.00)	Groleaz21 (133.00)	AstrandJZ20 (131.00)
Cosine	AstrandJZ20 (0.83)	CarchraeB09 (0.75)	KhayatLR06 (0.75)	OzturkTHO15 (0.74)	HeipckeCCS00 (0.73)
Astrand21 R&C					
Euclid	AstrandJZ20 (0.42)	Astrand0F21 (0.53)	JainM99 (0.53)	BartakSR08 (0.54)	AfsarVPG23 (0.55)
Dot	ZarandiASC20 (306.00)	Groleaz21 (293.00)	Dejemeppe16 (262.00)	Baptiste02 (262.00)	Lunardi20 (258.00)
Cosine	AstrandJZ20 (0.83)	Lunardi20 (0.71)	Astrand0F21 (0.70)	JainM99 (0.70)	Groleaz21 (0.69)
AstrandJZ18 R&C	AstrandJZ20 (0.62)	Astrand0F21 (0.76)	GrimesHM09 (0.91)	Davenport10 (0.92)	Limtanyakul07 (0.92)
Euclid	BockmayrP06 (0.24)	TranVNB17a (0.25)	ChapadosJR11 (0.26)	RoweJCA96 (0.26)	BoothNB16 (0.26)
Dot	Astrand21 (101.00)	Malapert11 (97.00)	Dejemeppe16 (96.00)	ZarandiASC20 (94.00)	Fahimi16 (94.00)
Cosine	BockmayrP06 (0.77)	ChapadosJR11 (0.74)	AalianPG23 (0.74)	TranVNB17a (0.74)	BoothNB16 (0.73)
AstrandJZ20 R&C	AstrandJZ18 (0.62)	Astrand0F21 (0.83)	CampeauG22 (0.89)	GroleazNS20 (0.92)	BlomBPS14 (0.93)
Euclid	Astrand0F21 (0.29)	BeckPS03 (0.35)	HeckmanB11 (0.35)	Beck07 (0.35)	HentenryckM04 (0.37)
Dot	Astrand21 (210.00)	Groleaz21 (186.00)	ZarandiASC20 (178.00)	Dejemeppe16 (176.00)	Lunardi20 (166.00)
Cosine	Astrand0F21 (0.83)	Astrand21 (0.83)	BeckPS03 (0.75)	HeckmanB11 (0.74)	Beck07 (0.74)
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)	OrnekO16 (0.41)	OzturkTHO12 (0.41)	ZeballosNH11 (0.41)
Dot	Groleaz21 (235.00)	ZarandiASC20 (225.00)	Dejemeppe16 (216.00)	Malapert11 (207.00)	Baptiste02 (205.00)
Cosine	Novas19 (0.78)	NovaraNH16 (0.75)	OrnekO16 (0.74)	ZeballosNH11 (0.73)	OzturkTHO12 (0.73)
BadicaBI20 R&C	BadicaBIL19 (0.57)	KameugneF13 (0.97)	LombardiBM15 (0.97)	BruckerK00 (0.97)	KameugneFSN11 (0.97)
Euclid	BadicaBIL19 (0.31)	LombardiBM15 (0.36)	FortinZDF05 (0.36)	LombardiM12a (0.37)	LombardiM13 (0.37)
Dot	Schutt11 (130.00)	Malapert11 (125.00)	ZarandiASC20 (119.00)	Lombardi10 (119.00)	Astrand21 (115.00)
Cosine	BadicaBIL19 (0.77)	LombardiBM15 (0.67)	LiW08 (0.66)	FortinZDF05 (0.65)	WikarekS19 (0.64)
BadicaBIL19 R&C	BadicaBI20 (0.57)	ZarandiASC20 (0.98)			
Euclid	FalaschiGMP97 (0.27)	ChapadosJR11 (0.27)	FukunagaHFAMN02 (0.28)	ZibranR11 (0.28)	LiuJ06 (0.28)
Dot	BadicaBI20 (77.00)	Malapert11 (68.00)	ZarandiASC20 (59.00)	Schutt11 (59.00)	Astrand21 (58.00)
Cosine	BadicaBI20 (0.77)	AstrandJZ18 (0.59)	FalaschiGMP97 (0.58)	GruianK98 (0.57)	ZibranR11a (0.57)
BajestaniB11 R&C	WuBB09 (0.98)	BidotVLB09 (0.98)	Hooker05 (0.99)		
Euclid	Beck10 (0.27)	CireCH13 (0.28)	HookerO03 (0.28)	ChuX05 (0.29)	HookerY02 (0.29)
Dot	BajestaniB13 (123.00)	ZarandiASC20 (101.00)	Lombardi10 (101.00)	Groleaz21 (99.00)	Hooker19 (97.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BajestaniB13 (0.85)	Beck10 (0.76)	CobanH11 (0.73)	CireCH13 (0.72)	HamdiL13 (0.72)
BajestaniB13 R&C	HamdiL13 (0.88)	Beck10 (0.88)	CireCH13 (0.88)	ChuX05 (0.89)	Sadykov04 (0.92)
Euclid	BajestaniB11 (0.30)	CobanH11 (0.39)	Beck10 (0.40)	ElciOH22 (0.41)	HeinzKB13 (0.41)
Dot	Groleaz21 (187.00)	ZarandiASC20 (180.00)	Lombardi10 (162.00)	Baptiste02 (152.00)	LombardiM12 (149.00)
Cosine	BajestaniB11 (0.85)	CobanH11 (0.71)	Hooker19 (0.69)	ElciOH22 (0.69)	BajestaniB15 (0.68)
BajestaniB15 R&C	GuyonLPR12 (0.88)	CireCH13 (0.90)	CobanH10 (0.92)	CireCH16 (0.92)	TranAB16 (0.92)
Euclid	PenzDN23 (0.35)	BajestaniB11 (0.36)	HamdiL13 (0.36)	Beck10 (0.37)	ChuX05 (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)	BajestaniB11 (0.71)	BajestaniB13 (0.68)	Beck10 (0.68)
Balduccini11 R&C	ColT19 (0.87)	Simonis95 (0.92)	SchuttWS05 (0.92)	AggounV04 (0.92)	SimonisCK00 (0.93)
Euclid	ChuGNSW13 (0.25)	Hooker17 (0.25)	SmithC93 (0.25)	HookerY02 (0.27)	GelainPRVW17 (0.28)
Dot	Baptiste02 (94.00)	Lombardi10 (88.00)	Malapert11 (88.00)	Groleaz21 (88.00)	Dejemeppe16 (87.00)
Cosine	SmithC93 (0.74)	ChuGNSW13 (0.73)	Madi-WambaLOBM17 (0.70)	KovacsV04 (0.69)	Hooker17 (0.69)
BalochG20 R&C	ZarandiB12 (0.86)	MartnezAJ22 (0.87)	TranAB16 (0.88)	HechingHK19 (0.88)	ElciOH22 (0.90)
Euclid					
Dot					
Cosine					
BandaSC11 R&C	LiuLH19 (0.91)	GarganiR07 (0.95)	DoulabiRP14 (0.96)	DoulabiRP16 (0.98)	GarridoOS08 (0.98)
Euclid	LiuLH19 (0.21)	CarchraeBF05 (0.22)	FrostD98 (0.22)	GelainPRVW17 (0.22)	AbrilSB05 (0.22)
Dot	Siala15a (56.00)	Dejemeppe16 (55.00)	Godet21a (51.00)	Beck99 (50.00)	LaborieRSV18 (49.00)
Cosine	LiuLH19 (0.78)	GelainPRVW17 (0.68)	KuchcinskiW03 (0.64)	BourdaisGP03 (0.64)	PesantGPR99 (0.64)
Baptiste02 R&C					
Euclid	BartakSR10 (0.54)	PapaB98 (0.54)	GokgurHO18 (0.54)	BartakSR08 (0.58)	Fahimi16 (0.58)
Dot	ZarandiASC20 (331.00)	Groleaz21 (318.00)	Dejemeppe16 (299.00)	Malapert11 (297.00)	Lombardi10 (284.00)
Cosine	GokgurHO18 (0.75)	PapaB98 (0.75)	BartakSR10 (0.75)	Fahimi16 (0.72)	BartakSR08 (0.72)
Baptiste09 R&C					
Euclid	CarchraeBF05 (0.10)	Caballero23 (0.12)	AbrilSB05 (0.12)	AngelsmarkJ00 (0.13)	FrostD98 (0.13)
Dot	JuvinHHL23 (12.00)	PovedaAA23 (12.00)	KameugneFND23 (12.00)	EfthymiouY23 (12.00)	SquillaciPR23 (12.00)
Cosine	CarchraeBF05 (0.76)	Caballero23 (0.75)	ZibranR11 (0.70)	HebrardALLCMR22 (0.67)	Hunsberger08 (0.66)
BaptisteB18 R&C	OuelletQ13 (0.72)	GroleazNS20a (0.81)	KameugneF13 (0.82)	KameugneFSN14 (0.83)	OuelletQ18 (0.86)
Euclid	LiessM08 (0.29)	Caseau97 (0.29)	PoderBS04 (0.31)	ArkhipovBL19 (0.31)	BaptisteP97 (0.31)
Dot	Schutt11 (134.00)	Godet21a (130.00)	Lombardi10 (125.00)	Baptiste02 (124.00)	Dejemeppe16 (120.00)
Cosine	ArkhipovBL19 (0.78)	BaptisteP97 (0.78)	LiessM08 (0.77)	BaptisteP00 (0.75)	Caseau97 (0.74)
BaptisteLPN06 R&C	Laborie03 (0.78)	GrimesH15 (0.83)	DorndorfHP99 (0.85)	TanSD10 (0.86)	DannaP04 (0.86)
Euclid					
Dot					
Cosine					
BaptisteLV92 R&C	RodosekW98 (0.78)	Simonis95a (0.89)	Simonis99 (0.92)	Zhou96 (0.92)	Goltz95 (0.92)
Euclid					
Dot					
Cosine					
BaptisteP00 R&C	SchuttW10 (0.90)	Vilim09 (0.90)	BruckerK00 (0.90)	DemasseyAM05 (0.92)	KameugneF13 (0.92)
Euclid	BaptisteP97 (0.13)	BaptistePN99 (0.30)	DemasseyAM05 (0.31)	LiessM08 (0.32)	BaptisteB18 (0.34)
Dot	Baptiste02 (176.00)	Lombardi10 (165.00)	Godet21a (158.00)	Malapert11 (158.00)	Fahimi16 (157.00)
Cosine	BaptisteP97 (0.96)	BaptistePN99 (0.82)	DemasseyAM05 (0.80)	PapaB98 (0.78)	LiessM08 (0.77)
BaptisteP97 R&C	DorndorfHP99 (0.83)	KameugneFGOQ18 (0.84)	DemasseyAM05 (0.86)	Colombani96 (0.87)	NuijtenA96 (0.88)
Euclid	BaptisteP00 (0.13)	DemasseyAM05 (0.25)	BaptistePN99 (0.26)	LiessM08 (0.28)	BaptisteB18 (0.31)
Dot	Baptiste02 (172.00)	Lombardi10 (162.00)	Godet21a (160.00)	Schutt11 (157.00)	Dejemeppe16 (155.00)
Cosine	BaptisteP00 (0.96)	DemasseyAM05 (0.86)	BaptistePN99 (0.86)	LiessM08 (0.82)	BaptisteB18 (0.78)
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 (0.31)	LiessM08 (0.32)
Dot	Baptiste02 (184.00)	Lombardi10 (162.00)	Groleaz21 (161.00)	Godet21a (160.00)	Dejemeppe16 (156.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BaptisteP97 (0.86)	BaptisteP00 (0.82)	DemasseyAM05 (0.82)	CarlierPSJ20 (0.79)	HanenKP21 (0.77)
BarbulescuWH04 R&C					
Euclid	GlobusCLP04 (0.23)	AngelsmarkJ00 (0.24)	CrawfordB94 (0.26)	LudwigKRBMS14 (0.26)	Caseau97 (0.27)
Dot	ZarandiASC20 (84.00)	Astrand21 (79.00)	Beck99 (78.00)	Godet21a (76.00)	Lombardi10 (75.00)
Cosine	GlobusCLP04 (0.79)	AngelsmarkJ00 (0.76)	JussienL02 (0.72)	TranDRFWOVB16 (0.67)	MurphyRFSS97 (0.67)
BarlattCG08 R&C	ElkhyariGJ02 (0.93)	NuijtenA96 (0.93)	HebrardHJMPV16 (0.94)	BertholdHLMS10 (0.95)	WikarekS19 (0.95)
Euclid	AngelsmarkJ00 (0.14)	CarchraeBF05 (0.17)	KovacsEKV05 (0.19)	Baptiste09 (0.19)	HebrardTW05 (0.19)
Dot	Lunardi20 (45.00)	CzerniachowskaWZ23 (44.00)	Groleaz21 (44.00)	Astrand21 (44.00)	ColT22 (43.00)
Cosine	AngelsmarkJ00 (0.77)	LudwigKRBMS14 (0.66)	Caseau97 (0.63)	SunLYL10 (0.62)	Tom19 (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 (0.27)	Puget95 (0.28)	KovacsV04 (0.28)	GarridoOS08 (0.28)
Dot	Baptiste02 (113.00)	Malapert11 (110.00)	Fahimi16 (106.00)	Siala15a (101.00)	ZarandiASC20 (100.00)
Cosine	Bartak02a (0.81)	BeckF00a (0.75)	BrusoniCLMMT96 (0.75)	KovacsV04 (0.74)	BartakSR08 (0.72)
Bartak02a R&C	Bartak02 (0.69)	BartakS11 (0.92)	VilimBC04 (0.92)	VilimBC05 (0.93)	MonetteDD07 (0.95)
Euclid	KovacsV04 (0.21)	Bartak02 (0.23)	BartakCS10 (0.24)	ChuGNSW13 (0.25)	ValleMGT03 (0.25)
Dot	Baptiste02 (126.00)	Lombardi10 (112.00)	Fahimi16 (112.00)	Beck99 (111.00)	Malapert11 (111.00)
Cosine	KovacsV04 (0.86)	Bartak02 (0.81)	BartakSR08 (0.80)	BartakCS10 (0.79)	ChuGNSW13 (0.77)
Bartak14 R&C					
Euclid					
Dot					
Cosine					
BartakCS10 R&C	LombardiM10a (0.81)	CestaOS98 (0.86)	LombardiM09 (0.89)	BeldiceanuCDP11 (0.90)	CobanH10 (0.91)
Euclid	Bartak02a (0.24)	OddiRC10 (0.25)	LombardiM13 (0.26)	Junker00 (0.26)	KovacsV04 (0.28)
Dot	Baptiste02 (101.00)	Astrand21 (95.00)	ZarandiASC20 (93.00)	Godet21a (91.00)	Lombardi10 (91.00)
Cosine	Bartak02a (0.79)	OddiRC10 (0.73)	Junker00 (0.73)	KovacsV04 (0.72)	CestaOS00 (0.71)
BartakS11 R&C	VilimBC04 (0.86)	VilimBC05 (0.88)	Colombani96 (0.88)	Rodriguez07 (0.89)	NuijtenA96 (0.89)
Euclid	GelainPRVW17 (0.25)	SmithBHW96 (0.25)	DilkinaH04 (0.25)	FukunagaHFAMN02 (0.26)	LiuLH19 (0.26)
Dot	Beck99 (89.00)	Godet21a (86.00)	Lombardi10 (86.00)	Lemos21 (86.00)	Dejemeppe16 (83.00)
Cosine	LiuLH19 (0.71)	GelainPRVW17 (0.70)	DilkinaH04 (0.69)	SmithBHW96 (0.69)	KovacsV04 (0.69)
BartakSR08 R&C	BartakSR10 (0.74)	GarridoAO09 (0.89)	Laborie03 (0.89)	BaptisteLPN06 (0.89)	BriandHHL08 (0.91)
Euclid	MalapertCGJLR13 (0.28)	KovacsV04 (0.29)	Bartak02a (0.29)	TorresL00 (0.29)	BeckF00a (0.30)
Dot	Baptiste02 (186.00)	BartakSR10 (174.00)	Dejemeppe16 (168.00)	Groleaz21 (168.00)	Malapert11 (166.00)
Cosine	BartakSR10 (0.88)	GokgurHO18 (0.83)	MalapertCGJLR13 (0.81)	TorresL00 (0.81)	ChenGPSH10 (0.80)
BartakSR10 R&C	BartakSR08 (0.74)	SadehF96 (0.90)	BaptisteLPN06 (0.92)	EsquirolLH2008 (0.92)	BeckF00 (0.92)
Euclid	BartakSR08 (0.31)	GokgurHO18 (0.38)	BeckF00 (0.41)	FahimiOQ18 (0.42)	BeckDDF98 (0.42)
Dot	Baptiste02 (254.00)	Groleaz21 (234.00)	ZarandiASC20 (233.00)	Dejemeppe16 (232.00)	Malapert11 (223.00)
Cosine	BartakSR08 (0.88)	GokgurHO18 (0.80)	BeckF00 (0.76)	FahimiOQ18 (0.76)	BeckDDF98 (0.76)
BartakV15 R&C					
Euclid	LuoVLBM16 (0.28)	FoxAS82 (0.29)	CrawfordB94 (0.29)	BartakCS10 (0.29)	LeeKLKKYHP97 (0.29)
Dot	ZarandiASC20 (98.00)	Groleaz21 (89.00)	Astrand21 (89.00)	Baptiste02 (89.00)	BidotVLB09 (87.00)
Cosine	BidotVLB09 (0.70)	BeckPS03 (0.69)	NovasH10 (0.68)	BartakCS10 (0.67)	Bartak02a (0.66)
BartoliniBBLM14 R&C	GilesH16 (0.78)	BridiBLMB16 (0.90)	BorghesiBLMB18 (0.92)	BaptisteLPN06 (0.93)	CohenHB17 (0.93)
Euclid	GalleguillosKSB19 (0.24)	Limtanyakul07 (0.26)	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)
Cosine	GalleguillosKSB19 (0.78)	BridiBLMB16 (0.72)	ZeballosH05 (0.71)	BorghesiBLMB18 (0.70)	Beck06 (0.69)
BarzegaranZP20 R&C					
Euclid	ZibranR11 (0.23)	GomesHS06 (0.25)	ZibranR11a (0.25)	PesantGPR99 (0.25)	FrankDT16 (0.26)
Dot	Groleaz21 (78.00)	ZarandiASC20 (75.00)	Astrand21 (72.00)	Froger16 (71.00)	HarjunkoskiMBC14 (69.00)
Cosine	FallahiAC20 (0.71)	BoothNB16 (0.70)	ZibranR11 (0.69)	MontemanniD23a (0.67)	ZibranR11a (0.67)
Beck06 R&C					
Euclid	WatsonB08 (0.21)	Beck07 (0.22)	HeckmanB11 (0.24)	CarchraeB09 (0.24)	BeckW05 (0.25)
Dot	ZarandiASC20 (107.00)	Groleaz21 (105.00)	GrimesH15 (103.00)	Lunardi20 (100.00)	Dejemeppe16 (100.00)
Cosine	Beck07 (0.86)	WatsonB08 (0.86)	HeckmanB11 (0.83)	CarchraeB09 (0.83)	BeckFW11 (0.81)
Beck07 R&C	WatsonB08 (0.83)	BeckF00 (0.90)	GrimesHM09 (0.92)	BeckFW11 (0.94)	GrimesH10 (0.94)
Euclid	HeckmanB11 (0.22)	Beck06 (0.22)	WatsonB08 (0.23)	HentenryckM04 (0.25)	BeckW05 (0.27)
Dot	Groleaz21 (130.00)	Astrand21 (128.00)	ZarandiASC20 (125.00)	Lombardi10 (125.00)	Schutt11 (124.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	HeckmanB11 (0.87)	Beck06 (0.86)	WatsonB08 (0.85)	HentenryckM04 (0.83)	BeckFW11 (0.81)
Beck10 R&C	Hooker05 (0.68)	CobanH11 (0.71)	CireCH16 (0.72)	ChuX05 (0.74)	Hooker05a (0.75)
Euclid	HeinzKB13 (0.23)	HookerY02 (0.24)	ChuX05 (0.24)	CireCH13 (0.25)	HookerO03 (0.25)
Dot	Lombardi10 (100.00)	BajestaniB13 (96.00)	JuvinHL23a (93.00)	MilanoW09 (92.00)	TerekhovDOB12 (91.00)
Cosine	HeinzKB13 (0.81)	ChuX05 (0.78)	HookerY02 (0.78)	CireCH13 (0.78)	HookerO03 (0.76)
Beck99 R&C					
Euclid	BeckF98 (0.36)	BeckDDF98 (0.37)	BeckF00 (0.39)	BeckF00a (0.43)	GokgurHO18 (0.45)
Dot	Dejemeppe16 (251.00)	Lombardi10 (244.00)	Baptiste02 (241.00)	ZarandiASC20 (240.00)	Malapert11 (231.00)
Cosine	BeckF98 (0.84)	BeckDDF98 (0.83)	BeckF00 (0.82)	BeckF00a (0.78)	BartakSR10 (0.75)
BeckDDF98 R&C	BeckF00 (0.94)	HeinzB12 (0.94)	HeinzKB13 (0.94)	CobanH10 (0.94)	Muscettola02 (0.96)
Euclid	BeckF98 (0.32)	BidotVLB09 (0.35)	BeckPS03 (0.36)	BeckDSF97 (0.36)	BeckF00 (0.36)
Dot	ZarandiASC20 (224.00)	Beck99 (212.00)	Dejemeppe16 (203.00)	Baptiste02 (199.00)	Groleaz21 (196.00)
Cosine	BeckF98 (0.84)	Beck99 (0.83)	BidotVLB09 (0.80)	BeckDSF97 (0.79)	BeckPS03 (0.78)
BeckDF97 R&C	BeckF00 (0.77)	GrimesHM09 (0.88)	TorresL00 (0.88)	BaptisteLPN06 (0.89)	WatsonB08 (0.90)
Euclid	BeckDSF97 (0.20)	BeckDSF97a (0.20)	BeckF00 (0.27)	CestaOS00 (0.28)	SadehF96 (0.29)
Dot	Beck99 (133.00)	Dejemeppe16 (120.00)	Lombardi10 (117.00)	Baptiste02 (117.00)	BeckF00 (114.00)
Cosine	BeckDSF97 (0.88)	BeckDSF97a (0.87)	BeckF00 (0.84)	BeckF98 (0.80)	SadehF96 (0.80)
BeckDSF97 R&C					
Euclid	BeckDSF97a (0.19)	BeckDF97 (0.20)	BeckF00a (0.25)	BeckF99 (0.25)	VilimBC04 (0.26)
Dot	Beck99 (129.00)	BeckDDF98 (118.00)	Baptiste02 (117.00)	Dejemeppe16 (116.00)	Lombardi10 (113.00)
Cosine	BeckDSF97a (0.88)	BeckDF97 (0.88)	BeckF00 (0.84)	BeckF00a (0.82)	BeckDDF98 (0.79)
BeckDSF97a R&C					
Euclid	BeckDSF97 (0.19)	BeckDF97 (0.20)	BeckW05 (0.22)	BeckF00a (0.23)	BeckF99 (0.24)
Dot	Beck99 (120.00)	Dejemeppe16 (117.00)	Baptiste02 (112.00)	BeckF00 (111.00)	Fahimi16 (111.00)
Cosine	BeckDSF97 (0.88)	BeckDF97 (0.87)	BeckF00a (0.85)	BeckF00 (0.84)	HeckmanB11 (0.83)
BeckF00 R&C	BeckDF97 (0.77)	BeckF00a (0.78)	Colombani96 (0.83)	WatsonB08 (0.84)	Zhou96 (0.85)
Euclid	BeckF00a (0.23)	BeckDF97 (0.27)	BeckDSF97a (0.27)	BeckDSF97 (0.28)	BeckF99 (0.29)
Dot	Beck99 (184.00)	Baptiste02 (175.00)	Dejemeppe16 (172.00)	Fahimi16 (171.00)	Lombardi10 (170.00)
Cosine	BeckF00a (0.89)	BeckDF97 (0.84)	BeckDSF97a (0.84)	BeckDSF97 (0.84)	BeckF99 (0.82)
BeckF00a R&C	BeckF00 (0.78)	HebrardTW05 (0.85)	VilimBC05 (0.86)	Colombani96 (0.87)	Zhou96 (0.88)
Euclid	BeckF99 (0.19)	BeckF00 (0.23)	BeckDSF97a (0.23)	BeckDSF97 (0.25)	Vilim05 (0.26)
Dot	Beck99 (150.00)	Baptiste02 (140.00)	Lombardi10 (138.00)	Dejemeppe16 (136.00)	Fahimi16 (135.00)
Cosine	BeckF99 (0.91)	BeckF00 (0.89)	BeckDSF97a (0.85)	BeckDSF97 (0.82)	Vilim05 (0.81)
BeckF98 R&C					
Euclid	BeckDF97 (0.32)	BeckDDF98 (0.32)	BeckDSF97a (0.32)	SadehF96 (0.33)	BeckDSF97 (0.33)
Dot	Beck99 (196.00)	ZarandiASC20 (184.00)	Dejemeppe16 (180.00)	Groleaz21 (178.00)	Lombardi10 (174.00)
Cosine	Beck99 (0.84)	BeckDDF98 (0.84)	BeckDF97 (0.80)	BeckF00 (0.80)	SadehF96 (0.79)
BeckF99 R&C					
Euclid	BeckF00a (0.19)	VilimBC04 (0.24)	BeckDSF97a (0.24)	Vilim09 (0.24)	BeckW05 (0.25)
Dot	Beck99 (107.00)	Dejemeppe16 (102.00)	Schutt11 (101.00)	Fahimi16 (100.00)	Malapert11 (99.00)
Cosine	BeckF00a (0.91)	BeckF00 (0.82)	BeckDSF97a (0.81)	VilimBC04 (0.80)	VilimBC05 (0.80)
BeckFW11 R&C	WatsonB08 (0.61)	GrimesHM09 (0.74)	CarchraeB09 (0.80)	HeckmanB11 (0.80)	MenciaSV13 (0.85)
Euclid	WatsonB08 (0.16)	CarchraeB09 (0.24)	TanSD10 (0.25)	Beck06 (0.26)	Beck07 (0.27)
Dot	Groleaz21 (130.00)	ZarandiASC20 (124.00)	Schutt11 (124.00)	Lunardi20 (123.00)	Beck99 (123.00)
Cosine	WatsonB08 (0.93)	CarchraeB09 (0.85)	TanSD10 (0.83)	Beck06 (0.81)	Beck07 (0.81)
BeckPS03 R&C					
Euclid	HeckmanB11 (0.25)	KovacsV06 (0.25)	HentenryckM04 (0.26)	KhayatLR06 (0.26)	ZeballosH05 (0.27)
Dot	ZarandiASC20 (154.00)	Dejemeppe16 (144.00)	Lombardi10 (140.00)	Baptiste02 (140.00)	Astrand21 (139.00)
Cosine	HeckmanB11 (0.84)	ZeballosH05 (0.82)	HentenryckM04 (0.82)	KovacsV06 (0.82)	BeckW07 (0.82)
BeckR03 R&C	KelbelH11 (0.90)	DannaP03 (0.92)	KamarainenS02 (0.92)	GrimesH10 (0.95)	GrimesHM09 (0.95)
Euclid	DannaP03 (0.28)	HeckmanB11 (0.30)	MonetteDH09 (0.30)	BeckPS03 (0.31)	HentenryckM04 (0.32)
Dot	ZarandiASC20 (153.00)	Groleaz21 (152.00)	Baptiste02 (150.00)	Dejemeppe16 (139.00)	Lombardi10 (138.00)
Cosine	DannaP03 (0.80)	MonetteDH09 (0.79)	HeckmanB11 (0.78)	BeckPS03 (0.77)	GrimesH11 (0.77)
BeckW04 R&C					
Euclid	BeckW05 (0.19)	CrawfordB94 (0.25)	BonfiettiLM14 (0.25)	OddiS97 (0.25)	LauLN08 (0.26)
Dot	ZarandiASC20 (99.00)	Astrand21 (93.00)	Beck99 (92.00)	BeckW07 (91.00)	Baptiste02 (88.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BeckW05 (0.85)	BonfiettiLM14 (0.79)	BeckW07 (0.78)	BeckDSF97a (0.77)	OddiS97 (0.75)
BeckW05 R&C					
Euclid	BeckW04 (0.19)	BeckDSF97a (0.22)	DoomsH08 (0.24)	OddiS97 (0.24)	BeckF99 (0.25)
Dot	Lombardi10 (82.00)	Beck99 (81.00)	BeckW07 (80.00)	ZarandiASC20 (80.00)	Siala15a (79.00)
Cosine	BeckW04 (0.85)	BeckDSF97a (0.83)	HeckmanB11 (0.80)	Beck07 (0.78)	Beck06 (0.77)
BeckW07 R&C	WuBB09 (0.94)	BonfiettiLM14 (0.97)	RossiTHP07 (0.97)	LombardiM09 (0.97)	Muscettola02 (0.98)
Euclid	BeckPS03 (0.28)	BonfiettiLM14 (0.29)	LombardiBM15 (0.30)	BeckW04 (0.30)	KovacsV06 (0.32)
Dot	ZarandiASC20 (168.00)	Lombardi10 (154.00)	Baptiste02 (148.00)	Groleaz21 (147.00)	LaborieRSV18 (141.00)
Cosine	BeckPS03 (0.82)	BonfiettiLM14 (0.79)	LombardiBM15 (0.78)	BeckW04 (0.78)	DemasseyAM05 (0.77)
Bedhief21 R&C					
Euclid	JuvinHL23 (0.32)	ZhangJZL22 (0.33)	HamdiL13 (0.35)	BillautHL12 (0.35)	EdisO11 (0.36)
Dot	Groleaz21 (151.00)	Lunardi20 (144.00)	ZarandiASC20 (144.00)	IsikYA23 (143.00)	Astrand21 (138.00)
Cosine	JuvinHL23 (0.74)	ZhangJZL22 (0.73)	MengZRZL20 (0.71)	HamdiL13 (0.70)	Novas19 (0.70)
BegB13 R&C	MalikMB08 (0.88)	LozanoCDS12 (0.97)	EreminW01 (0.97)	BeldiceanuC01 (0.97)	CambazardJ05 (0.97)
Euclid	MalikMB08 (0.20)	Malik08 (0.25)	KuchcinskiW03 (0.25)	ErtlK91 (0.26)	LozanoCDS12 (0.26)
Dot	Malik08 (81.00)	Lombardi10 (81.00)	Groleaz21 (80.00)	Froger16 (80.00)	Kuchcinski03 (76.00)
Cosine	MalikMB08 (0.83)	Malik08 (0.81)	KuchcinskiW03 (0.73)	LozanoCDS12 (0.71)	ErtlK91 (0.69)
BehrensLM19 R&C	WessenCS20 (0.79)	CarchraeB09 (0.94)	BoothNB16 (0.94)	WallaceY20 (0.94)	Simonis99 (0.94)
Euclid	abs-1901-07914 (0.09)	WessenCS20 (0.24)	ValleMGT03 (0.26)	JungblutK22 (0.27)	BoothNB16 (0.27)
Dot	ZarandiASC20 (98.00)	BartakSR10 (91.00)	abs-1901-07914 (89.00)	Dejemeppe16 (88.00)	GombolayWS18 (88.00)
Cosine	abs-1901-07914 (0.97)	WessenCS20 (0.77)	ValleMGT03 (0.74)	BoothNB16 (0.72)	MokhtarzadehTNF20 (0.72)
BeldiceanuC01 R&C	Wolf03 (0.89)	BeldiceanuCP08 (0.93)	Vilim04 (0.93)	VilimBC04 (0.94)	BeldiceanuC02 (0.94)
Euclid	HebrardALLCMR22 (0.20)	HebrardTW05 (0.22)	Davis87 (0.22)	AngelsmarkJ00 (0.22)	CarchraeBF05 (0.22)
Dot	Malapert11 (52.00)	Schutt11 (48.00)	LetortCB15 (45.00)	Godet21a (45.00)	Dejemeppe16 (44.00)
Cosine	BeldiceanuC02 (0.64)	PoderB08 (0.63)	WolfS05 (0.62)	ClercqPBJ11 (0.61)	BeldiceanuCP08 (0.61)
BeldiceanuC02 R&C	LetortBC12 (0.75)	WolfS05a (0.77)	Wolf03 (0.81)	Vilim09 (0.82)	SimoninAHL12 (0.82)
Euclid	PoderB08 (0.22)	BeldiceanuP07 (0.25)	WolfS05 (0.25)	SimonisH11 (0.26)	PoderBS04 (0.27)
Dot	Malapert11 (87.00)	Simonis07 (77.00)	Dejemeppe16 (77.00)	Schutt11 (77.00)	Beck99 (77.00)
Cosine	PoderB08 (0.80)	BeldiceanuP07 (0.75)	WolfS05 (0.75)	SimonisH11 (0.73)	PoderBS04 (0.73)
BeldiceanuC94 R&C	SimonisC95 (0.85)	Goltz95 (0.86)	AggounB93 (0.87)	BrusoniCLMMT96 (0.88)	Simonis95 (0.89)
Euclid	Simonis95 (0.32)	Simonis95a (0.33)	SimonisCK00 (0.34)	ErtlK91 (0.34)	GruianK98 (0.34)
Dot	Simonis07 (108.00)	Simonis99 (107.00)	Malapert11 (104.00)	Dejemeppe16 (101.00)	Lombardi10 (101.00)
Cosine	Simonis95 (0.73)	Simonis95a (0.72)	SimonisCK00 (0.69)	GruianK98 (0.68)	Simonis99 (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 (0.31)	WolfS05 (0.31)	ClautiauxJCM08 (0.33)	PoderB08 (0.33)
Dot	Malapert11 (116.00)	Schutt11 (112.00)	Godet21a (108.00)	Baptiste02 (108.00)	Fahimi16 (101.00)
Cosine	BeldiceanuCP08 (0.83)	ClautiauxJCM08 (0.72)	BeldiceanuP07 (0.72)	WolfS05 (0.71)	EvenSH15 (0.68)
BeldiceanuCP08 R&C	BeldiceanuCDP11 (0.53)	Vilim09a (0.78)	LetortBC12 (0.83)	Simonis95 (0.83)	SimonisC95 (0.84)
Euclid	BeldiceanuP07 (0.23)	PoderB08 (0.24)	WolfS05 (0.25)	BeldiceanuCDP11 (0.25)	Caseau97 (0.25)
Dot	BeldiceanuCDP11 (84.00)	Malapert11 (82.00)	Schutt11 (80.00)	LaborieRSV18 (76.00)	SchuttFSW11 (75.00)
Cosine	BeldiceanuCDP11 (0.83)	BeldiceanuP07 (0.77)	WolfS05 (0.74)	SchuttWS05 (0.73)	PoderB08 (0.73)
BeldiceanuP07 R&C	SchuttS16 (0.79)	WolfS05a (0.85)	LombardiM09 (0.86)	Wolf05 (0.87)	DavenportKRSH07 (0.89)
Euclid	PoderB08 (0.13)	WolfS05 (0.15)	SimonisH11 (0.21)	Caseau97 (0.21)	GayHS15 (0.23)
Dot	Malapert11 (72.00)	Lombardi10 (71.00)	FahimiOQ18 (70.00)	Godet21a (70.00)	Dejemeppe16 (70.00)
Cosine	PoderB08 (0.91)	WolfS05 (0.90)	SimonisH11 (0.80)	GayHS15 (0.79)	SimoninAHL15 (0.79)
BelhadjiI98 R&C	MintonJPL92 (1.00)				
Euclid	Zhou96 (0.31)	TorresL00 (0.31)	Rit86 (0.31)	FoxAS82 (0.32)	Bartak02a (0.32)
Dot	Baptiste02 (123.00)	BartakSR10 (121.00)	Godet21a (118.00)	Lombardi10 (114.00)	ZarandiASC20 (109.00)
Cosine	TorresL00 (0.75)	BartakSR08 (0.73)	Zhou96 (0.72)	FoxS90 (0.72)	Dorndorf2000 (0.70)
BenderWS21 R&C	Polo-MejiaALB20 (0.89)	Ham20 (0.93)	Ham20a (0.93)	LunardiBLRV20 (0.94)	CauwelaertDS20 (0.95)
Euclid	LiessM08 (0.25)	BridiLBBM16 (0.27)	AstrandJZ18 (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 (0.80)	HeipckeCCS00 (0.74)	BeckW07 (0.74)	LombardiBM15 (0.73)	AstrandJZ18 (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)	HeipckeCCS00 (0.31)	Hooker17 (0.31)	BogaerdtW19 (0.31)
Dot	Groleaz21 (96.00)	ZarandiASC20 (91.00)	PrataAN23 (88.00)	Lunardi20 (88.00)	HamPK21 (86.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BenediktSMVH18 (0.78)	HeipckeCCS00 (0.68)	PandeyS21a (0.66)	HamPK21 (0.66)	BogaerdtW19 (0.65)
BenediktSMVH18 R&C	BenediktMH20 (0.93)	OddiPCC03 (0.94)	DejemeppeCS15 (0.96)	HamdiL13 (0.96)	OddiPCC05 (0.96)
Euclid	BenediktMH20 (0.24)	HebrardTW05 (0.24)	Sadykov04 (0.25)	Limtanyakul07 (0.25)	Hooker17 (0.26)
Dot	Groleaz21 (83.00)	ZarandiASC20 (80.00)	Lunardi20 (75.00)	PrataAN23 (74.00)	Baptiste02 (73.00)
Cosine	BenediktMH20 (0.78)	SadykovW06 (0.72)	Sadykov04 (0.70)	CatusseCBL16 (0.70)	EdisO11 (0.69)
BeniniBGM05 R&C	Hooker05a (0.62)	Hooker05 (0.70)	BeniniBGM06 (0.71)	Hooker04 (0.72)	BeniniLMR08 (0.73)
Euclid	BeniniLMR08 (0.21)	BeniniBGM06 (0.25)	RuggieroBBMA09 (0.28)	BeniniLMMR08 (0.29)	BeniniLMR11 (0.29)
Dot	Lombardi10 (145.00)	Groleaz21 (121.00)	HarjunkoskiMBC14 (119.00)	ZarandiASC20 (118.00)	LombardiMRB10 (115.00)
Cosine	BeniniLMR08 (0.89)	BeniniBGM06 (0.84)	RuggieroBBMA09 (0.81)	BeniniLMR11 (0.78)	LombardiMRB10 (0.78)
BeniniBGM06 R&C	Hooker05a (0.67)	CambazardJ05 (0.68)	Hooker04 (0.68)	Hooker05 (0.70)	BeniniBGM05 (0.71)
Euclid	BeniniBGM05 (0.25)	BeniniLMR08 (0.25)	BeniniLMMR08 (0.25)	LozanoCDS12 (0.26)	Bonfietti16 (0.27)
Dot	Lombardi10 (114.00)	LombardiMRB10 (106.00)	LaborieRSV18 (99.00)	LombardiM12 (99.00)	RuggieroBBMA09 (99.00)
Cosine	BeniniBGM05 (0.84)	RuggieroBBMA09 (0.81)	BeniniLMR08 (0.80)	LombardiMRB10 (0.80)	BeniniLMMR08 (0.79)
BeniniLMMR08 R&C	BeniniLMR11 (0.62)	BeniniLMR08 (0.67)	CobanH11 (0.71)	BeniniBGM06 (0.72)	CireCH13 (0.73)
Euclid	BeniniLMR11 (0.18)	FortinZDF05 (0.24)	BeniniLMR08 (0.24)	Hooker04 (0.25)	CireCH16 (0.25)
Dot	Lombardi10 (111.00)	BeniniLMR11 (101.00)	LaborieRSV18 (96.00)	Groleaz21 (93.00)	Hooker05 (92.00)
Cosine	BeniniLMR11 (0.92)	Hooker04 (0.80)	BeniniLMR08 (0.80)	Hooker05 (0.79)	BeniniBGM06 (0.79)
BeniniLMR08 R&C	BeniniLMMR08 (0.67)	BeniniLMR11 (0.72)	BeniniBGM05 (0.73)	BeniniBGM06 (0.77)	LombardiMRB10 (0.80)
Euclid	BeniniBGM05 (0.21)	BeniniLMR11 (0.23)	BeniniLMMR08 (0.24)	BeniniBGM06 (0.25)	Bonfietti16 (0.26)
Dot	Lombardi10 (128.00)	ZarandiASC20 (105.00)	BeniniBGM05 (103.00)	LombardiMRB10 (102.00)	Beck99 (101.00)
Cosine	BeniniBGM05 (0.89)	BeniniLMR11 (0.85)	BeniniLMMR08 (0.80)	BeniniBGM06 (0.80)	LombardiMRB10 (0.78)
BeniniLMR11 R&C	BeniniLMMR08 (0.62)	BeniniLMR08 (0.72)	BeniniBGM06 (0.77)	CambazardHDJT04 (0.80)	CireCH13 (0.80)
Euclid	BeniniLMMR08 (0.18)	BeniniLMR08 (0.23)	Hooker04 (0.27)	BeniniBGM06 (0.28)	BeniniBGM05 (0.29)
Dot	Lombardi10 (154.00)	Groleaz21 (122.00)	Baptiste02 (121.00)	LombardiM12 (120.00)	Beck99 (120.00)
Cosine	BeniniLMMR08 (0.92)	BeniniLMR08 (0.85)	Hooker04 (0.80)	BeniniBGM05 (0.78)	Hooker05 (0.78)
BenoistGR02 R&C	Hooker04 (0.77)	EreminW01 (0.79)	CambazardHDJT04 (0.83)	Hooker05a (0.83)	Hooker05 (0.84)
Euclid	CambazardJ05 (0.23)	HebrardALLCMR22 (0.24)	Baptiste09 (0.25)	ZibranR11 (0.25)	Hooker05b (0.25)
Dot	Froger16 (63.00)	Fahimi16 (59.00)	Godet21a (58.00)	HookerH17 (58.00)	Lombardi10 (56.00)
Cosine	HookerOTK00 (0.63)	CorreaLR07 (0.62)	HladikCDJ08 (0.62)	CambazardJ05 (0.62)	Hooker05b (0.61)
BensanaLV99 R&C	VerfaillieL01 (0.94)	OddiPCC03 (0.97)	Hooker07 (0.99)	Beck10 (0.99)	PerronSF04 (0.99)
Euclid	BandaSC11 (0.24)	SmithBHW96 (0.24)	Davis87 (0.24)	FrostD98 (0.25)	AbrilSB05 (0.25)
Dot	Godet21a (52.00)	Lemos21 (44.00)	Dejemeppe16 (42.00)	Siala15a (42.00)	LaborieRSV18 (41.00)
Cosine	VerfaillieL01 (0.61)	LiuLH19 (0.60)	BandaSC11 (0.59)	SmithBHW96 (0.54)	OddiPCC03 (0.50)
BertholdHLMS10 R&C	HeinzS11 (0.65)	SchuttW10 (0.83)	SchuttFSW11 (0.84)	SchuttFSW13 (0.84)	HeinzSB13 (0.85)
Euclid	HookerY02 (0.24)	HeinzS11 (0.24)	Caballero23 (0.26)	BonfiettiM12 (0.26)	LombardiM13 (0.26)
Dot	Schutt11 (88.00)	HeinzSB13 (87.00)	Groleaz21 (81.00)	Godet21a (79.00)	Lombardi10 (79.00)
Cosine	HeinzS11 (0.79)	SchnellH17 (0.77)	HeinzSB13 (0.77)	HookerY02 (0.74)	ArkhipovBL19 (0.73)
BessiereHMQW14 R&C	HoundjiSWD14 (0.90)	PesantRR15 (0.90)	PerronSF04 (0.91)	GayHLS15 (0.94)	HoundjiSW19 (0.95)
Euclid	ErtlK91 (0.25)	RoweJCA96 (0.26)	Davis87 (0.27)	LudwigKRBMS14 (0.27)	LiuJ06 (0.27)
Dot	Dejemeppe16 (80.00)	Godet21a (78.00)	Malapert11 (75.00)	Siala15a (73.00)	Astrand21 (73.00)
Cosine	ErtlK91 (0.68)	RoweJCA96 (0.66)	Malik08 (0.66)	BockmayrP06 (0.66)	BorghesiBLMB18 (0.66)
BidotVLB09 R&C	Kumar03 (0.91)	CestaOPS14 (0.92)	LombardiM09 (0.92)	SourdN00 (0.93)	Wolf03 (0.93)
Euclid	BeckPS03 (0.31)	BeckDDF98 (0.35)	BeckW07 (0.35)	NovasH10 (0.35)	SmithC93 (0.36)
Dot	ZarandiASC20 (186.00)	Groleaz21 (165.00)	LaborieRSV18 (164.00)	Astrand21 (163.00)	Baptiste02 (162.00)
Cosine	BeckPS03 (0.81)	BeckDDF98 (0.80)	BeckW07 (0.76)	NovasH10 (0.75)	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)	ArtiguesBF04 (0.29)	ParkUJR19 (0.30)	Colombani96 (0.30)
Dot	Groleaz21 (128.00)	Lunardi20 (123.00)	Malapert11 (121.00)	ZarandiASC20 (117.00)	Baptiste02 (115.00)
Cosine	JuvinHL23 (0.76)	ArtiguesBF04 (0.76)	ParkUJR19 (0.75)	Mehdizadeh-Somarin23 (0.74)	GuyonLPR12 (0.74)
Bit-Monnot23 R&C					
Euclid	SialaAH15 (0.29)	GrimesHM09 (0.31)	Vilim05 (0.34)	Beck07 (0.34)	MalapertCGJLR13 (0.34)
Dot	Siala15a (165.00)	Groleaz21 (158.00)	Godet21a (150.00)	GrimesH15 (149.00)	Dejemeppe16 (146.00)
Cosine	SialaAH15 (0.81)	GrimesHM09 (0.79)	MalapertCGJLR12 (0.75)	SchuttFS13 (0.74)	Beck07 (0.74)
BlazewiczDP96 R&C	JainM99 (0.66)	DomdorfPH03 (0.80)	DorndorfPH99 (0.88)	ColT22 (0.89)	Dorndorf2000 (0.90)
Euclid	JainM99 (0.37)	SourdN00 (0.40)	MenciaSV12 (0.40)	MenciaSV13 (0.41)	BeckF98 (0.42)
Dot	ZarandiASC20 (235.00)	Groleaz21 (224.00)	Baptiste02 (222.00)	Dejemeppe16 (209.00)	Astrand21 (194.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	JainM99 (0.80)	MenciaSV12 (0.74)	SourdN00 (0.74)	BartakSR10 (0.73)	MenciaSV13 (0.73)
BlazewiczEP19 R&C	BaptisteLPN06 (0.99)	LaborieRSV18 (0.99)	HarjunkoskiMBC14 (1.00)		
Euclid					
Dot					
Cosine					
BlomBPS14 R&C	BlomPS16 (0.54)	AstrandJZ20 (0.93)	CampeauG22 (0.96)	AstrandJZ18 (0.96)	HillBCGN22 (0.98)
Euclid	BlomPS16 (0.22)	LudwigKRBMS14 (0.26)	LipovetzkyBPS14 (0.27)	FukunagaHFAMN02 (0.27)	Rit86 (0.28)
Dot	HarjunkoskiMBC14 (72.00)	LaborieRSV18 (63.00)	Astrand21 (61.00)	SacramentoSP20 (60.00)	NaderiRR23 (60.00)
Cosine	BlomPS16 (0.76)	LipovetzkyBPS14 (0.71)	LudwigKRBMS14 (0.63)	NishikawaSTT18 (0.62)	HoeveGSL07 (0.61)
BlomPS16 R&C	BlomBPS14 (0.54)	HillBCGN22 (0.96)	AstrandJZ20 (0.96)	CampeauG22 (0.97)	AstrandJZ18 (0.97)
Euclid	BlomBPS14 (0.22)	Rit86 (0.25)	FukunagaHFAMN02 (0.25)	LudwigKRBMS14 (0.25)	AngelsmarkJ00 (0.26)
Dot	HarjunkoskiMBC14 (78.00)	ZarandiASC20 (71.00)	Beck99 (68.00)	Lombardi10 (67.00)	LaborieRSV18 (64.00)
Cosine	BlomBPS14 (0.76)	NishikawaSTT19 (0.66)	BridiLBBM16 (0.65)	HoeveGSL07 (0.64)	NishikawaSTT18 (0.64)
BocewiczBB09 R&C					
Euclid	LudwigKRBMS14 (0.27)	WolinskiKG04 (0.28)	ValleMGT03 (0.28)	LozanoCDS12 (0.29)	Hunsberger08 (0.29)
Dot	ZarandiASC20 (107.00)	Groleaz21 (95.00)	Astrand21 (95.00)	Lombardi10 (94.00)	Malapert11 (94.00)
Cosine	ValleMGT03 (0.71)	KorbaaYG99 (0.70)	WolinskiKG04 (0.69)	LozanoCDS12 (0.67)	TrojetHL11 (0.67)
BockmayrK98 R&C	RodosekWH99 (0.80)	HookerO99 (0.82)	JainG01 (0.88)	EreminW01 (0.89)	Simonis99 (0.89)
Euclid					
Dot					
Cosine					
BockmayrP06 R&C	HookerY02 (0.79)	SadykovW06 (0.82)	RoePS05 (0.84)	CireCH13 (0.87)	CambazardJ05 (0.87)
Euclid	WolfS05 (0.21)	Limtanyakul07 (0.22)	MurphyMB15 (0.22)	PoderBS04 (0.22)	BeldiceanuP07 (0.23)
Dot	Dejemeppe16 (84.00)	Simonis07 (82.00)	Lombardi10 (81.00)	Groleaz21 (81.00)	Baptiste02 (81.00)
Cosine	WolfS05 (0.81)	PoderBS04 (0.79)	Colombani96 (0.79)	Limtanyakul07 (0.77)	MurphyMB15 (0.77)
BofillCSV17 R&C	GeibingerMM19 (0.89)	LombardiM13 (0.92)	LombardiM12a (0.92)	LiessM08 (0.92)	EdwardsBSE19 (0.92)
Euclid	LombardiM12a (0.19)	LombardiM13 (0.20)	OddiRC10 (0.22)	BruckerK00 (0.25)	GuSW12 (0.25)
Dot	Caballero19 (111.00)	Schutt11 (107.00)	Godet21a (102.00)	Baptiste02 (100.00)	Lombardi10 (98.00)
Cosine	LombardiM12a (0.87)	LombardiM13 (0.84)	SchnellH15 (0.84)	SzerediS16 (0.81)	OddiRC10 (0.80)
BofillEGPSV14 R&C	PesantRR15 (0.75)	BofillGSV15 (0.79)	SzerediS16 (0.92)	KelarevaTK13 (0.92)	KreterSS15 (0.92)
Euclid	BofillGSV15 (0.25)	GelainPRVW17 (0.28)	FrostD98 (0.29)	AngelsmarkJ00 (0.29)	CarchraeBF05 (0.29)
Dot	Caballero19 (61.00)	Godet21a (60.00)	KoehlerBFFHPSSS21 (59.00)	ColT22 (59.00)	Lemos21 (58.00)
Cosine	BofillGSV15 (0.69)	GelainPRVW17 (0.60)	LiuCGM17 (0.59)	ZhangLS12 (0.57)	PesantRR15 (0.56)
BofillGSV15 R&C	BofillEGPSV14 (0.79)	PesantRR15 (0.81)			
Euclid	Baptiste09 (0.20)	ZibranR11 (0.20)	CarchraeBF05 (0.21)	HebrardALLCMR22 (0.21)	FrostD98 (0.21)
Dot	Lemos21 (48.00)	KanetAG04 (45.00)	Malapert11 (44.00)	Siala15a (44.00)	Fahimi16 (43.00)
Cosine	BofillEGPSV14 (0.69)	ZibranR11 (0.66)	Baptiste09 (0.65)	ZhangLS12 (0.64)	PesantGPR99 (0.64)
BogaerdtW19 R&C	Hooker17 (0.78)	HamdiL13 (0.93)	GroleazNS20 (0.95)	GroleazNS20a (0.95)	OddiPCC03 (0.95)
Euclid	BenediktSMVH18 (0.29)	Hooker17 (0.30)	SmithC93 (0.30)	Jans09 (0.31)	HebrardTW05 (0.31)
Dot	Groleaz21 (104.00)	ZarandiASC20 (101.00)	Baptiste02 (96.00)	Lunardi20 (93.00)	PrataAN23 (91.00)
Cosine	GomesM17 (0.71)	AlfieriGPS23 (0.70)	PenzDN23 (0.70)	NattafM20 (0.67)	BillautHL12 (0.67)
Bonfietti16 R&C	BonfiettiLBM11 (0.91)	BonfiettiLBM12 (0.93)	BonfiettiLBM14 (0.94)	LombardiBMB11 (0.97)	BeniniLMR11 (0.97)
Euclid	BonfiettiM12 (0.22)	BonfiettiLBM11 (0.23)	LombardiM13 (0.23)	Rit86 (0.23)	LeeKLKKYHP97 (0.23)
Dot	Lombardi10 (81.00)	Fahimi16 (76.00)	LaborieRSV18 (74.00)	Godet21a (73.00)	Schutt11 (73.00)
Cosine	BonfiettiLBM11 (0.78)	SimoninAHL12 (0.76)	BeniniLMR08 (0.75)	LombardiBMB11 (0.74)	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 (0.18)	BonfiettiLBM12 (0.20)	Bonfietti16 (0.23)	BonfiettiLM13 (0.24)
Dot	BonfiettiLBM14 (97.00)	Dejemeppe16 (88.00)	Lombardi10 (88.00)	Schutt11 (88.00)	Astrand21 (87.00)
Cosine	LombardiBMB11 (0.90)	BonfiettiM12 (0.87)	BonfiettiLBM12 (0.86)	BonfiettiLBM14 (0.85)	BonfiettiLM13 (0.80)
BonfiettiLBM12 R&C	BonfiettiLBM11 (0.76)	BonfiettiLBM14 (0.81)	BeniniLMR08 (0.89)	LombardiBMB11 (0.92)	Davenport10 (0.92)
Euclid	BonfiettiLM13 (0.19)	BonfiettiLBM11 (0.20)	LombardiBMB11 (0.21)	BonfiettiM12 (0.25)	BonfiettiZLM16 (0.26)
Dot	BonfiettiLBM14 (104.00)	Lombardi10 (99.00)	Fahimi16 (96.00)	Godet21a (95.00)	Groleaz21 (95.00)
Cosine	BonfiettiLM13 (0.87)	LombardiBMB11 (0.86)	BonfiettiLBM11 (0.86)	BonfiettiLBM14 (0.85)	BonfiettiZLM16 (0.79)
BonfiettiLBM14 R&C	BonfiettiLBM11 (0.79)	BonfiettiLBM12 (0.81)	BonfiettiLM13 (0.89)	LombardiBMB11 (0.89)	OzturkTHO15 (0.94)
Euclid	BonfiettiLBM11 (0.26)	BonfiettiLBM12 (0.26)	LombardiBMB11 (0.28)	BonfiettiLM13 (0.30)	BonfiettiZLM16 (0.30)
Dot	Lombardi10 (152.00)	Dejemeppe16 (146.00)	Fahimi16 (142.00)	Godet21a (141.00)	Schutt11 (141.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BonfiettiLBM11 (0.85)	BonfiettiLBM12 (0.85)	LombardiBMB11 (0.82)	BonfiettiLM13 (0.79)	BonfiettiZLM16 (0.79)
BonfiettiLM13 R&C	BonfiettiLBM14 (0.89)	LetortBC12 (0.95)	Vilim04 (0.96)	MercierH08 (0.97)	
Euclid	BonfiettiLBM12 (0.19)	LombardiBMB11 (0.22)	LombardiM13 (0.23)	BonfiettiM12 (0.24)	BonfiettiLBM11 (0.24)
Dot	Lombardi10 (101.00)	Groleaz21 (98.00)	BonfiettiLBM14 (97.00)	Godet21a (94.00)	LaborieRSV18 (91.00)
Cosine	BonfiettiLBM12 (0.87)	LombardiBMB11 (0.84)	BonfiettiM12 (0.80)	BonfiettiLBM11 (0.80)	LombardiM13 (0.79)
BonfiettiLM14 R&C	LombardiMB13 (0.89)	LombardiBM15 (0.90)	WuBB09 (0.92)	LombardiBMB11 (0.92)	LombardiM13 (0.92)
Euclid	LombardiBM15 (0.19)	BeckW04 (0.25)	LombardiM12a (0.26)	FortinZDF05 (0.28)	LombardiM10 (0.29)
Dot	Lombardi10 (114.00)	ZarandiASC20 (113.00)	LaborieRSV18 (111.00)	Beck99 (111.00)	Groleaz21 (110.00)
Cosine	LombardiBM15 (0.89)	BeckW07 (0.79)	BeckW04 (0.79)	LombardiM12a (0.78)	BeckPS03 (0.75)
BonfiettiM12 R&C					
Euclid	KovacsEKV05 (0.17)	Caballero23 (0.18)	CestaOS98 (0.18)	BonfiettiLBM11 (0.18)	LombardiM13 (0.19)
Dot	BonfiettiLBM14 (60.00)	Lombardi10 (56.00)	Schutt11 (56.00)	LaborieRSV18 (55.00)	Fahimi16 (55.00)
Cosine	BonfiettiLBM11 (0.87)	BonfiettiLM13 (0.80)	BonfiettiLBM12 (0.78)	LombardiBMB11 (0.76)	LombardiM13 (0.75)
BonfiettiZLM16 R&C	OuelletQ13 (0.84)	LetortCB13 (0.86)	Vilim09 (0.87)	Vilim09a (0.87)	KameugneF13 (0.87)
Euclid	BonfiettiLBM12 (0.26)	BonfiettiLM13 (0.27)	LombardiBMB11 (0.27)	SimoninAHL12 (0.27)	BonfiettiLBM11 (0.27)
Dot	Lombardi10 (105.00)	Schutt11 (102.00)	BonfiettiLBM14 (102.00)	Godet21a (96.00)	Fahimi16 (96.00)
Cosine	BonfiettiLBM14 (0.79)	BonfiettiLBM12 (0.79)	LombardiBMB11 (0.77)	BonfiettiLM13 (0.77)	DerrienPZ14 (0.75)
BonninMNE24 R&C					
Euclid	KovacsB11 (0.36)	BartakSR08 (0.36)	HeipckeCCS00 (0.37)	OzturkTHO12 (0.37)	SourdN00 (0.37)
Dot	Baptiste02 (190.00)	Groleaz21 (180.00)	Malapert11 (177.00)	ZarandiASC20 (170.00)	Dejemeppe16 (166.00)
Cosine	KovacsB11 (0.77)	BartakSR08 (0.76)	SourdN00 (0.74)	HeipckeCCS00 (0.74)	OzturkTHO12 (0.74)
BoothNB16 R&C	BoothTNB16 (0.85)	Laborie18a (0.92)	GilesH16 (0.92)	KovacsV04 (0.93)	LaborieRSV18 (0.93)
Euclid	TranVNB17 (0.19)	TranVNB17a (0.19)	NishikawaSTT19 (0.23)	NishikawaSTT18a (0.23)	NishikawaSTT18 (0.24)
Dot	LaborieRSV18 (99.00)	Lombardi10 (94.00)	Astrand21 (93.00)	Beck99 (93.00)	Dejemeppe16 (92.00)
Cosine	TranVNB17 (0.88)	TranVNB17a (0.84)	NishikawaSTT19 (0.81)	NishikawaSTT18a (0.79)	BoothTNB16 (0.79)
BoothTNB16 R&C	BoothNB16 (0.85)	Laborie18a (0.87)	GilesH16 (0.89)	LouieVNB14 (0.91)	BeckF00 (0.93)
Euclid	BoothNB16 (0.25)	TranVNB17a (0.25)	BockmayrP06 (0.30)	TranVNB17 (0.30)	CauwelaertDMS16 (0.31)
Dot	Astrand21 (115.00)	LaborieRSV18 (112.00)	Dejemeppe16 (112.00)	Groleaz21 (112.00)	Lunardi20 (111.00)
Cosine	BoothNB16 (0.79)	TranVNB17a (0.78)	Ham18a (0.73)	TranVNB17 (0.72)	MurinR19 (0.71)
BorghesiBLMB18 R&C	BartoliniBBLM14 (0.92)	GalleguillosKSB19 (0.94)	BridiBLMB16 (0.95)	GilesH16 (0.96)	MelgarejoLS15 (0.97)
Euclid	BridiBLMB16 (0.28)	HurleyOS16 (0.30)	GalleguillosKSB19 (0.30)	AstrandJZ18 (0.31)	HeipckeCCS00 (0.32)
Dot	Groleaz21 (115.00)	Dejemeppe16 (114.00)	Lombardi10 (114.00)	Godet21a (113.00)	ZarandiASC20 (112.00)
Cosine	BridiBLMB16 (0.80)	HurleyOS16 (0.75)	GalleguillosKSB19 (0.74)	AstrandJZ18 (0.73)	HeipckeCCS00 (0.73)
BosiM2001 R&C	Simonis07 (0.86)	Simonis99 (0.87)	Simonis95a (0.88)	SimonisCK00 (0.88)	Goltz95 (0.89)
Euclid	Goltz95 (0.35)	WikarekS19 (0.35)	KovacsV04 (0.37)	Colombani96 (0.37)	KovacsV06 (0.38)
Dot	Baptiste02 (164.00)	ZarandiASC20 (152.00)	Beck99 (150.00)	Malapert11 (149.00)	Groleaz21 (147.00)
Cosine	WikarekS19 (0.75)	Goltz95 (0.74)	KovacsV04 (0.70)	Colombani96 (0.70)	KhayatLR06 (0.69)
BoucherBVBL97 R&C					
Euclid					
Dot					
Cosine					
BoudreaultSLQ22 R&C					
Euclid	YoungFS17 (0.31)	SzerediS16 (0.34)	LiessM08 (0.36)	PovedaAA23 (0.37)	abs-1009-0347 (0.37)
Dot	Godet21a (184.00)	Dejemeppe16 (166.00)	Schutt11 (166.00)	Caballero19 (155.00)	Lombardi10 (154.00)
Cosine	YoungFS17 (0.81)	SzerediS16 (0.77)	PovedaAA23 (0.77)	LiessM08 (0.74)	SchuttFSW11 (0.74)
BourdaisGP03 R&C	WeilHFP95 (0.88)	OzturkTHO12 (0.94)	ZeballosQH10 (0.95)	Simonis07 (0.95)	NovasH12 (0.96)
Euclid	abs-1902-01193 (0.24)	HoYCLLCLC18 (0.24)	PesantGPR99 (0.24)	Puget95 (0.25)	BandaSC11 (0.25)
Dot	Dejemeppe16 (74.00)	Simonis07 (66.00)	ZarandiASC20 (66.00)	HookerH17 (64.00)	Beck99 (64.00)
Cosine	abs-1902-01193 (0.73)	HoYCLLCLC18 (0.70)	PesantGPR99 (0.69)	NishikawaSTT18a (0.68)	WeilHFP95 (0.67)
BourreauGGLT22 R&C	KizilayC20 (0.93)	YunusogluY22 (0.96)	NaderiBZR23 (0.96)	RendlPHPR12 (0.97)	GokgurHO18 (0.97)
Euclid	Puget95 (0.36)	KletzanderMH21 (0.36)	MelgarejoLS15 (0.36)	MouraSCL08a (0.36)	NishikawaSTT18 (0.37)
Dot	Malapert11 (118.00)	Groleaz21 (110.00)	Astrand21 (105.00)	Froger16 (104.00)	LaborieRSV18 (101.00)
Cosine	Wallace06 (0.65)	MelgarejoLS15 (0.63)	KletzanderMH21 (0.62)	MouraSCL08a (0.61)	EreminW01 (0.61)
BreitingerL95 R&C					
Euclid					
Dot					

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine					
BriandHHL08 R&C	LiuGT10 (0.84)	GrimesHM09 (0.85)	TanSD10 (0.88)	EsquirolLH2008 (0.88)	GrimesH10 (0.88)
Euclid					
Dot					
Cosine					
BridiBLMB16 R&C	BartoliniBBLM14 (0.90)	NishikawaSTT18a (0.94)	NishikawaSTT19 (0.95)	BorghesiBLMB18 (0.95)	BaptisteLPN06 (0.96)
Euclid	BorghesiBLMB18 (0.28)	BartoliniBBLM14 (0.31)	GalleguillosKSB19 (0.32)	AalianPG23 (0.33)	KhemmoudjPB06 (0.34)
Dot	Lombardi10 (128.00)	Dejemeppe16 (126.00)	ZarandiASC20 (124.00)	Groleaz21 (119.00)	Astrand21 (115.00)
Cosine	BorghesiBLMB18 (0.80)	BartoliniBBLM14 (0.72)	GalleguillosKSB19 (0.71)	AalianPG23 (0.71)	GokPTGO23 (0.68)
BridiLBBM16 R&C					
Euclid	CrawfordB94 (0.21)	LuoVLBM16 (0.22)	FukunagaHFAMN02 (0.22)	BonfiettiM12 (0.23)	AngelsmarkJ00 (0.24)
Dot	ZarandiASC20 (70.00)	Lombardi10 (69.00)	Beck99 (69.00)	Godet21a (67.00)	TerekhovTDB14 (65.00)
Cosine	CrawfordB94 (0.74)	LuoVLBM16 (0.73)	TranPZLDB18 (0.72)	BeckW04 (0.72)	BorghesiBLMB18 (0.70)
BruckerK00 R&C	DemasseyAM05 (0.73)	LiessM08 (0.80)	ElkhyariGJ02a (0.84)	ElkhyariGJ02 (0.86)	BaptisteP97 (0.89)
Euclid	BofillCSV17 (0.25)	LombardiM13 (0.27)	LombardiM12a (0.29)	LombardiM09 (0.30)	OddiRC10 (0.30)
Dot	Groleaz21 (107.00)	Baptiste02 (107.00)	Schutt11 (106.00)	Godet21a (105.00)	Polo-MejiaALB20 (102.00)
Cosine	BofillCSV17 (0.80)	LombardiM13 (0.75)	Polo-MejiaALB20 (0.73)	LombardiM12a (0.73)	LombardiM09 (0.71)
BrusoniCLMMT96 R&C	Goltz95 (0.88)	BeldiceanuC94 (0.88)	AngelsmarkJ00 (0.89)	Simonis95a (0.90)	Muscettola02 (0.92)
Euclid	LammaMM97 (0.24)	Bartak02 (0.27)	Rit86 (0.28)	Junker00 (0.29)	LudwigKRBMS14 (0.30)
Dot	ZarandiASC20 (97.00)	LammaMM97 (90.00)	Baptiste02 (89.00)	Malapert11 (88.00)	Beck99 (85.00)
Cosine	LammaMM97 (0.83)	Bartak02 (0.75)	FoxS90 (0.70)	Junker00 (0.69)	Rit86 (0.67)
BukchinR18 R&C	TopaloglusS12 (0.80)	PinarbasiA20 (0.90)	KizilayC20 (0.91)	KreterSSZ18 (0.92)	OzturkTHO15 (0.92)
Euclid	NishikawaSTT18 (0.25)	LozanoCDS12 (0.26)	NishikawaSTT18a (0.27)	AkramNHRSA23 (0.27)	VanczaM01 (0.27)
Dot	Groleaz21 (91.00)	Malapert11 (87.00)	Lunardi20 (84.00)	Astrand21 (83.00)	ZarandiASC20 (82.00)
Cosine	NishikawaSTT18 (0.75)	HeipckeCCS00 (0.74)	Ham20a (0.74)	NishikawaSTT18a (0.72)	NishikawaSTT19 (0.72)
BurtLPS15 R&C	KelarevaTK13 (0.94)	BofillEGPSV14 (0.94)	ColT19 (0.95)	Mercier-AubinGQ20 (0.95)	SzerediS16 (0.95)
Euclid	KovacsV06 (0.30)	HeipckeCCS00 (0.31)	LozanoCDS12 (0.31)	LipovetzkyBPS14 (0.31)	BockmayrP06 (0.32)
Dot	Groleaz21 (132.00)	Astrand21 (122.00)	Dejemeppe16 (117.00)	Fahimi16 (117.00)	Lombardi10 (116.00)
Cosine	KovacsV06 (0.74)	HeipckeCCS00 (0.74)	LipovetzkyBPS14 (0.71)	LozanoCDS12 (0.71)	CarchraeB09 (0.71)
Caballero19 R&C					
Euclid	SchuttFS13a (0.37)	abs-1009-0347 (0.37)	SchuttFSW13 (0.38)	SchuttFSW11 (0.41)	SchnellH15 (0.41)
Dot	Schutt11 (213.00)	Godet21a (208.00)	Lombardi10 (199.00)	Dejemeppe16 (194.00)	Baptiste02 (192.00)
Cosine	SchuttFS13a (0.79)	abs-1009-0347 (0.79)	SchuttFSW13 (0.77)	SchuttFSW11 (0.76)	BofillCSV17 (0.75)
Caballero23 R&C					
Euclid	Baptiste09 (0.12)	KovacsEKV05 (0.13)	CestaOS98 (0.13)	CarchraeBF05 (0.15)	AngelsmarkJ00 (0.15)
Dot	PovedaAA23 (30.00)	HillTV21 (30.00)	HeinzSB13 (30.00)	LombardiM12 (30.00)	SubulanC22 (30.00)
Cosine	LombardiM13 (0.78)	Baptiste09 (0.75)	KovacsEKV05 (0.74)	CestaOS98 (0.72)	BonfiettiM12 (0.70)
CambazardHDJT04 R&C	Hooker04 (0.68)	Hooker05a (0.70)	HladikCDJ08 (0.70)	CambazardJ05 (0.71)	Hooker05 (0.75)
Euclid	HladikCDJ08 (0.21)	BeniniLMR08 (0.29)	AkramNHRSA23 (0.31)	EmeretlisTAV17 (0.32)	NishikawaSTT19 (0.32)
Dot	Lombardi10 (124.00)	ZarandiASC20 (112.00)	HladikCDJ08 (112.00)	Godet21a (106.00)	Groleaz21 (106.00)
Cosine	HladikCDJ08 (0.89)	BeniniLMR08 (0.74)	EmeretlisTAV17 (0.73)	BeniniBGM05 (0.71)	AlesioBNG15 (0.71)
CambazardJ05 R&C	Hooker05a (0.58)	Hooker05 (0.63)	BeniniBGM06 (0.68)	Hooker04 (0.68)	CambazardHDJT04 (0.71)
Euclid	Vilim03 (0.21)	Baptiste09 (0.21)	AbrilSB05 (0.23)	BenoistGR02 (0.23)	Hooker05b (0.24)
Dot	HookerH17 (45.00)	Lombardi10 (45.00)	HladikCDJ08 (44.00)	Hooker05 (43.00)	Froger16 (41.00)
Cosine	CambazardHDJT04 (0.63)	HladikCDJ08 (0.62)	BenoistGR02 (0.62)	Hooker05b (0.62)	BeniniLMMR08 (0.61)
CampeauG22 R&C	AstrandJZ20 (0.89)	EdwardsBSE19 (0.94)	HauderBRPA20 (0.94)	GuSW12 (0.95)	SchnellH15 (0.95)
Euclid	LombardiM09 (0.27)	LombardiM10 (0.27)	NishikawaSTT18a (0.27)	NishikawaSTT18 (0.28)	LombardiM13 (0.28)
Dot	Lombardi10 (120.00)	LaborieRSV18 (119.00)	Groleaz21 (115.00)	Schutt11 (113.00)	Astrand21 (109.00)
Cosine	LombardiM10 (0.78)	LombardiM09 (0.78)	HubnerGSV21 (0.76)	NishikawaSTT18a (0.76)	LiessM08 (0.76)
CappartS17 R&C	GilesH16 (0.72)	FrankDT16 (0.83)	TangB20 (0.88)	LaborieR14 (0.89)	GedikKBR17 (0.91)
Euclid	Rodriguez07b (0.29)	RodriguezS09 (0.30)	RodriguezDG02 (0.31)	MorgadoM97 (0.31)	Puget95 (0.32)
Dot	ZarandiASC20 (116.00)	Dejemeppe16 (108.00)	Groleaz21 (107.00)	LaborieRSV18 (106.00)	Lombardi10 (106.00)
Cosine	Rodriguez07b (0.75)	RodriguezS09 (0.75)	MorgadoM97 (0.72)	MarliereSPR23 (0.71)	Rodriguez07 (0.70)
CappartTSR18 R&C	CauwelaertLS18 (0.82)	DejemeppeCS15 (0.82)	ThomasKS20 (0.85)	GayHLS15 (0.87)	Laborie18a (0.89)
Euclid	ThomasKS20 (0.22)	GoelSHFS15 (0.33)	DejemeppeD14 (0.33)	ZibranR11a (0.34)	BoothNB16 (0.35)
Dot	Dejemeppe16 (116.00)	LaborieRSV18 (111.00)	Groleaz21 (101.00)	Lombardi10 (96.00)	ColT22 (95.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	ThomasKS20 (0.86)	GoelSHFS15 (0.71)	DejemeppeD14 (0.68)	TranVNB17 (0.65)	GaySS14 (0.65)
CarchraeB09 R&C	PerronSF04 (0.79)	BeckFW11 (0.80)	GrimesH15 (0.81)	DannaP03 (0.84)	SchausHMCMD11 (0.86)
Euclid	WatsonB08 (0.23)	BeckFW11 (0.24)	Beck06 (0.24)	FontaineMH16 (0.26)	KovacsV06 (0.26)
Dot	Dejemeppe16 (129.00)	LaborieRSV18 (126.00)	Groleaz21 (126.00)	ColT22 (119.00)	GrimesH15 (119.00)
Cosine	BeckFW11 (0.85)	WatsonB08 (0.85)	Beck06 (0.83)	FontaineMH16 (0.81)	KovacsV06 (0.80)
CarchraeBF05 R&C					
Euclid	Baptiste09 (0.10)	AngelsmarkJ00 (0.10)	LiuJ06 (0.13)	FrostD98 (0.13)	Caballero23 (0.15)
Dot	LombardiBM15 (22.00)	Astrand0F21 (22.00)	Astrand21 (22.00)	JuvinHHL23 (21.00)	PovedaAA23 (21.00)
Cosine	AngelsmarkJ00 (0.80)	Baptiste09 (0.76)	LiuJ06 (0.72)	FortinZDF05 (0.71)	Hunsberger08 (0.69)
CarlierPSJ20 R&C	CarlierSJP21 (0.67)	Tesch18 (0.70)	OuelletQ18 (0.71)	ArkhipovBL19 (0.80)	YangSS19 (0.82)
Euclid	HanenKP21 (0.22)	Caseau97 (0.27)	ArtiguesL14 (0.28)	NattafAL15 (0.28)	Limtanyakul07 (0.28)
Dot	Baptiste02 (111.00)	Lombardi10 (107.00)	HanenKP21 (102.00)	Fahimi16 (102.00)	BaptistePN99 (102.00)
Cosine	HanenKP21 (0.87)	BaptistePN99 (0.79)	NattafAL15 (0.77)	Tesch18 (0.77)	ArtiguesL14 (0.76)
CarlierSJP21 R&C	CarlierPSJ20 (0.67)	Tesch16 (0.76)	FahimiOQ18 (0.78)	EdwardsBSE19 (0.79)	OuelletQ18 (0.79)
Euclid					
Dot					
Cosine					
Caseau97 R&C					
Euclid	Puget95 (0.19)	AngelsmarkJ00 (0.19)	CrawfordB94 (0.20)	WolfS05 (0.21)	Rit86 (0.21)
Dot	Dejemeppe16 (77.00)	Fahimi16 (75.00)	Beck99 (75.00)	Baptiste02 (74.00)	FahimiOQ18 (73.00)
Cosine	KovacsV04 (0.78)	Puget95 (0.78)	AngelsmarkJ00 (0.78)	KovacsV06 (0.77)	WolfS05 (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	BockmayrP06 (0.26)	Sadykov04 (0.26)	BenediktSMVH18 (0.26)	Limtanyakul07 (0.27)	Colombani96 (0.27)
Dot	Groleaz21 (97.00)	ZarandiASC20 (86.00)	MilanoW06 (84.00)	Baptiste02 (83.00)	MilanoW09 (82.00)
Cosine	Colombani96 (0.73)	JainG01 (0.72)	BockmayrP06 (0.72)	Sadykov04 (0.70)	BenediktSMVH18 (0.70)
CauwelaertDMS16 R&C	CauwelaertDS20 (0.67)	DejemeppeCS15 (0.74)	GrimesH15 (0.85)	GrimesH10 (0.87)	MurinR19 (0.88)
Euclid	CauwelaertDS20 (0.18)	DejemeppeCS15 (0.19)	VilimBC04 (0.21)	VilimBC05 (0.21)	Vilim04 (0.22)
Dot	Dejemeppe16 (131.00)	Baptiste02 (129.00)	Malapert11 (124.00)	Fahimi16 (123.00)	Schutt11 (117.00)
Cosine	CauwelaertDS20 (0.93)	DejemeppeCS15 (0.91)	VilimBC05 (0.87)	VilimBC04 (0.86)	Vilim04 (0.84)
CauwelaertDS20 R&C	CauwelaertDMS16 (0.67)	DejemeppeCS15 (0.75)	SchuttS16 (0.80)	WolfS05a (0.82)	MurinR19 (0.86)
Euclid	CauwelaertDMS16 (0.18)	DejemeppeCS15 (0.19)	VilimBC05 (0.22)	Vilim04 (0.25)	VilimBC04 (0.25)
Dot	Dejemeppe16 (170.00)	Malapert11 (157.00)	Baptiste02 (157.00)	Fahimi16 (151.00)	Schutt11 (146.00)
Cosine	CauwelaertDMS16 (0.93)	DejemeppeCS15 (0.91)	VilimBC05 (0.89)	Vilim04 (0.86)	VilimBC04 (0.84)
CauwelaertLS15 R&C	GayHLS15 (0.81)	DejemeppeCS15 (0.82)	HoundjiSWD14 (0.82)	GaySS14 (0.84)	SimonisH11 (0.87)
Euclid	CauwelaertLS18 (0.23)	BandaSC11 (0.27)	WolfS05 (0.28)	OuelletQ18 (0.28)	LiuLH19 (0.28)
Dot	CauwelaertLS18 (86.00)	Lombardi10 (82.00)	Godet21a (81.00)	Schutt11 (80.00)	Fahimi16 (77.00)
Cosine	CauwelaertLS18 (0.86)	ClautiauxJCM08 (0.73)	OuelletQ18 (0.73)	HeinzS11 (0.70)	LetortCB13 (0.69)
CauwelaertLS18 R&C	CappartTSR18 (0.82)	KameugneFGOQ18 (0.86)	GayHS15a (0.88)	FetgoD22 (0.90)	OuelletQ18 (0.91)
Euclid	CauwelaertLS15 (0.23)	Vilim11 (0.33)	GayHS15a (0.33)	OuelletQ18 (0.33)	HeinzS11 (0.33)
Dot	Malapert11 (135.00)	Schutt11 (135.00)	Dejemeppe16 (130.00)	Fahimi16 (129.00)	Lombardi10 (127.00)
Cosine	CauwelaertLS15 (0.86)	GayHS15a (0.72)	ClautiauxJCM08 (0.71)	Vilim11 (0.71)	OuelletQ18 (0.70)
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	BeckDSF97a (0.25)	OddiS97 (0.27)	Muscettola94 (0.27)	GodardLN05 (0.28)	SadehF96 (0.28)
Dot	ZarandiASC20 (108.00)	Baptiste02 (108.00)	Godet21a (107.00)	Dejemeppe16 (103.00)	Beck99 (103.00)
Cosine	SadehF96 (0.80)	BeckDSF97a (0.79)	GodardLN05 (0.77)	BeckDF97 (0.76)	BeckF00 (0.75)
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)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	KovacsEKV05 (0.74)	Caballero23 (0.72)	WuBB05 (0.69)	BonfiettiM12 (0.68)	SmithC93 (0.65)
ChapadosJR11 R&C	OuelletQ22 (0.97)	MusliuSS18 (0.97)	TopaloglU11 (0.97)	GuyonLPR12 (0.97)	MilanoW09 (0.98)
Euclid	Baptiste09 (0.16)	CarchraeBF05 (0.16)	ZibranR11 (0.16)	AngelsmarkJ00 (0.17)	Tsang03 (0.18)
Dot	Dejemeppe16 (36.00)	Malapert11 (36.00)	Godet21a (35.00)	Lombardi10 (35.00)	AwadMDMT22 (35.00)
Cosine	ZibranR11a (0.78)	AstrandJZ18 (0.74)	ZibranR11 (0.72)	TranVNB17a (0.69)	HachemiGR11 (0.67)
ChenGPSH10 R&C	HeckmanB11 (0.89)	BeckFW11 (0.89)	WatsonB08 (0.90)	GrimesHM09 (0.91)	BeckF00a (0.93)
Euclid	BartakSR08 (0.31)	NuijtenP98 (0.34)	Bartak02a (0.35)	KovacsV04 (0.35)	TorresL00 (0.35)
Dot	Baptiste02 (178.00)	Dejemeppe16 (171.00)	Godet21a (170.00)	Malapert11 (168.00)	Fahimi16 (167.00)
Cosine	BartakSR08 (0.80)	NuijtenP98 (0.77)	Dorndorf2000 (0.75)	Bartak02a (0.74)	TorresL00 (0.74)
ChuGNSW13 R&C					
Euclid	PoderBS04 (0.23)	KovacsV04 (0.24)	WolfS05 (0.24)	Caseau97 (0.24)	Bartak02a (0.25)
Dot	Dejemeppe16 (98.00)	Fahimi16 (97.00)	Beck99 (94.00)	Baptiste02 (94.00)	Malapert11 (92.00)
Cosine	KovacsV04 (0.80)	TrojetHL11 (0.79)	PoderBS04 (0.78)	Madi-WambaLOBM17 (0.77)	Bartak02a (0.77)
ChuX05 R&C	Hooker05 (0.58)	Hooker06 (0.64)	Hooker05a (0.65)	CireCH13 (0.68)	Hooker04 (0.69)
Euclid	HookerY02 (0.21)	Limtanyakul07 (0.24)	Beck10 (0.24)	HeinzKB13 (0.25)	HookerO03 (0.25)
Dot	Lombardi10 (94.00)	Baptiste02 (89.00)	MilanoW09 (87.00)	MilanoW06 (86.00)	Groleaz21 (85.00)
Cosine	HookerY02 (0.81)	Beck10 (0.78)	HamdiL13 (0.78)	HeinzKB13 (0.77)	Limtanyakul07 (0.74)
ChunCTY99 R&C					
Euclid	BocewiczBB09 (0.30)	GelainPRVW17 (0.31)	DilkinaH04 (0.31)	BartakS11 (0.31)	SmithBHW96 (0.31)
Dot	ZarandiASC20 (82.00)	Lombardi10 (78.00)	Beck99 (78.00)	Fahimi16 (77.00)	Godet21a (76.00)
Cosine	BocewiczBB09 (0.66)	BartakS11 (0.62)	Wallace96 (0.61)	Malik08 (0.61)	Gronkvist06 (0.60)
ChunS14 R&C					
Euclid	AngelsmarkJ00 (0.29)	CestaOS98 (0.29)	Tom19 (0.29)	Puget95 (0.30)	DincbasS91 (0.30)
Dot	Lemos21 (77.00)	ZarandiASC20 (76.00)	Froger16 (65.00)	Baptiste02 (65.00)	Lombardi10 (64.00)
Cosine	MorgadoM97 (0.62)	Madi-WambaLOBM17 (0.61)	Tom19 (0.59)	TangLWSK18 (0.58)	CappartS17 (0.58)
CilKLO22 R&C	Edis21 (0.78)	NaderiBZ22a (0.85)	PohlAK22 (0.89)	ZhangYW21 (0.90)	AlakaP23 (0.91)
Euclid					
Dot					
Cosine					
CireCH13 R&C	HamdiL13 (0.42)	CireCH16 (0.58)	CobanH11 (0.58)	Hooker06 (0.63)	Hooker07 (0.66)
Euclid	HeinzKB13 (0.19)	HookerO03 (0.21)	CireCH16 (0.22)	CobanH10 (0.23)	HookerY02 (0.24)
Dot	Lombardi10 (92.00)	HookerH17 (86.00)	MilanoW09 (86.00)	Hooker05 (83.00)	Hooker07 (83.00)
Cosine	HeinzKB13 (0.86)	HookerO03 (0.81)	CireCH16 (0.80)	HeinzB12 (0.79)	Hooker07 (0.78)
CireCH16 R&C	CobanH11 (0.55)	CireCH13 (0.58)	Hooker07 (0.68)	CobanH10 (0.69)	Beck10 (0.72)
Euclid	CireCH13 (0.22)	Hooker04 (0.23)	Hooker05a (0.25)	HeinzKB13 (0.25)	BeniniLMMR08 (0.25)
Dot	Hooker07 (91.00)	Lombardi10 (87.00)	Hooker05 (85.00)	Hooker19 (85.00)	LaborieRSV18 (83.00)
Cosine	Hooker04 (0.83)	Hooker07 (0.82)	CireCH13 (0.80)	Hooker06 (0.79)	BeniniLMMR08 (0.77)
ClautiauxJCM08 R&C	MercierH08 (0.91)	LetortCB13 (0.92)	BonfiettiZLM16 (0.92)	GrimesHM09 (0.92)	BeldiceanuCDP11 (0.93)
Euclid	WolfS05 (0.27)	CauwelaertLS15 (0.29)	BeldiceanuP07 (0.30)	PoderB08 (0.30)	KovacsB08 (0.31)
Dot	Malapert11 (116.00)	Schutt11 (115.00)	Godet21a (111.00)	Lombardi10 (111.00)	Baptiste02 (111.00)
Cosine	WolfS05 (0.77)	CauwelaertLS15 (0.73)	KovacsB08 (0.73)	BeldiceanuP07 (0.72)	BeldiceanuCDP11 (0.72)
Clercq12 R&C					
Euclid	Derrien15 (0.33)	BeckF00a (0.38)	Letort13 (0.39)	BeckF99 (0.39)	VilimBC05 (0.40)
Dot	Malapert11 (175.00)	Fahimi16 (164.00)	Dejemeppe16 (163.00)	Schutt11 (162.00)	Kameugne14 (148.00)
Cosine	Derrien15 (0.79)	Kameugne14 (0.73)	Letort13 (0.73)	BeckF00a (0.70)	GayHS15a (0.67)
ClercqPBJ11 R&C	LetortBC12 (0.87)	GayHS15a (0.87)	LetortCB15 (0.88)	OuelletQ13 (0.88)	GayHS15 (0.90)
Euclid	Vilim09 (0.29)	Vilim04 (0.30)	DerrienP14 (0.30)	PoderB08 (0.30)	DerrienPZ14 (0.30)
Dot	Fahimi16 (103.00)	Malapert11 (102.00)	Dejemeppe16 (94.00)	Godet21a (92.00)	Schutt11 (91.00)
Cosine	abs-0907-0939 (0.73)	Vilim09 (0.71)	DerrienPZ14 (0.71)	Vilim04 (0.69)	OuelletQ22 (0.69)
CobanH10 R&C	Hooker06 (0.67)	CireCH13 (0.67)	CireCH16 (0.69)	HamdiL13 (0.71)	Hooker05a (0.71)
Euclid	CireCH13 (0.23)	Hooker17 (0.25)	CobanH11 (0.25)	HookerO03 (0.28)	HebrardTW05 (0.29)
Dot	Lombardi10 (87.00)	LombardiM12 (78.00)	CobanH11 (78.00)	NaderiRR23 (76.00)	Groleaz21 (75.00)
Cosine	CobanH11 (0.81)	CireCH13 (0.77)	EmeretlisTAV17 (0.72)	Hooker07 (0.69)	ElciOH22 (0.68)
CobanH11 R&C	CireCH16 (0.55)	CireCH13 (0.58)	Hooker06 (0.63)	Hooker07 (0.67)	BeniniLMMR08 (0.71)
Euclid	HamdiL13 (0.25)	CobanH10 (0.25)	Hooker06 (0.27)	ElciOH22 (0.27)	Hooker05a (0.27)
Dot	Lombardi10 (135.00)	Groleaz21 (129.00)	ZarandiASC20 (123.00)	Baptiste02 (118.00)	Hooker19 (116.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	HamdiL13 (0.83)	CobanH10 (0.81)	ElciOH22 (0.81)	Hooker06 (0.80)	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)	AngelsmarkJ00 (0.25)	CarchraeBF05 (0.25)
Dot	Groleaz21 (64.00)	ZarandiASC20 (61.00)	Lemos21 (60.00)	Lunardi20 (59.00)	ColT22 (59.00)
Cosine	ZibranR11 (0.68)	ZibranR11a (0.67)	BoothNB16 (0.65)	BockmayrP06 (0.64)	AstrandJZ18 (0.63)
ColT19 R&C	ColT2019a (0.54)	VilimLS15 (0.82)	Laborie18a (0.83)	Wolf03 (0.84)	BeckF00 (0.87)
Euclid	ColT2019a (0.17)	abs-2102-08778 (0.22)	NuijtenA96 (0.31)	NuijtenA94 (0.32)	CarchraeB09 (0.32)
Dot	ColT22 (135.00)	Groleaz21 (124.00)	JuvinHHL23 (113.00)	Dejemeppe16 (113.00)	Godet21a (111.00)
Cosine	ColT2019a (0.92)	abs-2102-08778 (0.86)	TasselGS23 (0.74)	abs-2306-05747 (0.74)	NuijtenA96 (0.73)
ColT2019a R&C	ColT19 (0.54)	Wolf03 (0.82)	MenciaSV12 (0.84)	Laborie18a (0.85)	VilimLS15 (0.86)
Euclid	ColT19 (0.17)	abs-2102-08778 (0.24)	CarchraeB09 (0.31)	WatsonB08 (0.32)	Beck06 (0.32)
Dot	ColT22 (125.00)	Groleaz21 (119.00)	Dejemeppe16 (111.00)	ColT19 (109.00)	LacknerMMWW23 (107.00)
Cosine	ColT19 (0.92)	abs-2102-08778 (0.83)	CarchraeB09 (0.73)	Bit-Monnot23 (0.71)	ColT22 (0.70)
ColT22 R&C	DomdorfPH03 (0.88)	ColT19 (0.88)	DorndorfPH99 (0.89)	BlazewiczDP96 (0.89)	ColT2019a (0.89)
Euclid	OujanaAYB22 (0.45)	ColT19 (0.45)	Novas19 (0.46)	ColT2019a (0.47)	abs-2102-08778 (0.47)
Dot	Groleaz21 (250.00)	ZarandiASC20 (249.00)	Dejemeppe16 (231.00)	Lunardi20 (229.00)	Baptiste02 (227.00)
Cosine	OujanaAYB22 (0.73)	Novas19 (0.72)	ColT19 (0.72)	Lunardi20 (0.71)	ColT2019a (0.70)
Colombani96 R&C	Zhou96 (0.60)	Goltz95 (0.75)	Wolf03 (0.77)	Rodriguez07 (0.82)	Vilim04 (0.82)
Euclid	Zhou96 (0.22)	BockmayrP06 (0.24)	Limtanyakul07 (0.24)	Sadykov04 (0.26)	HarjunkoskiG02 (0.26)
Dot	Baptiste02 (112.00)	ZarandiASC20 (110.00)	Beck99 (110.00)	Groleaz21 (108.00)	BartakSR10 (108.00)
Cosine	Zhou96 (0.84)	Zhou97 (0.80)	HarjunkoskiG02 (0.79)	BockmayrP06 (0.79)	Limtanyakul07 (0.78)
CorreaLR07 R&C	CambazardJ05 (0.82)	Hooker07 (0.83)	Hooker05 (0.83)	BeniniBGM06 (0.83)	Hooker04 (0.86)
Euclid	Hooker04 (0.29)	BeniniLMMR08 (0.30)	UnsalO19 (0.30)	CireCH13 (0.30)	Thorsteinsson01 (0.30)
Dot	Lombardi10 (101.00)	LaborieRSV18 (99.00)	QinDS16 (97.00)	ZarandiASC20 (95.00)	Godet21a (94.00)
Cosine	QinDS16 (0.76)	UnsalO19 (0.74)	Hooker04 (0.73)	BeniniLMR11 (0.73)	Hooker07 (0.71)
CrawfordB94 R&C					
Euclid	LauLN08 (0.14)	FoxAS82 (0.16)	HebrardTW05 (0.18)	AngelsmarkJ00 (0.18)	FukunagaHFAMN02 (0.19)
Dot	ZarandiASC20 (56.00)	PrataAN23 (54.00)	TerekhovTDB14 (54.00)	GombolayWS18 (54.00)	BartakSR10 (54.00)
Cosine	LauLN08 (0.87)	FoxAS82 (0.83)	DoRZ08 (0.77)	LuoVLBM16 (0.75)	HebrardTW05 (0.74)
CzerniachowskaWZ23 R&C					
Euclid	JuvinHL23 (0.33)	TanZWGQ19 (0.33)	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	TanZWGQ19 (0.76)	JuvinHL23 (0.76)	LiFJZLL22 (0.76)	NovasH14 (0.75)	MurinR19 (0.75)
DannaP03 R&C	PerronSF04 (0.67)	Laborie09 (0.79)	CarchraeB09 (0.84)	SchausHMCMD11 (0.88)	GarganiR07 (0.88)
Euclid	PerronSF04 (0.21)	BeckR03 (0.28)	Puget95 (0.29)	CarchraeB09 (0.29)	GodardLN05 (0.30)
Dot	LaborieRSV18 (112.00)	Groleaz21 (108.00)	Dejemeppe16 (107.00)	GrimesH11 (102.00)	GrimesH15 (98.00)
Cosine	PerronSF04 (0.85)	BeckR03 (0.80)	MonetteDH09 (0.77)	CarchraeB09 (0.75)	GodardLN05 (0.74)
DannaP04 R&C	BaptisteLPN06 (0.86)	SourdN00 (0.88)	AjiliW04 (0.88)	PerronSF04 (0.90)	CarchraeB09 (0.91)
Euclid					
Dot					
Cosine					
Darby-DowmanLMZ97 R&C	SmithBHW96 (0.69)	DarbyDowmanL98 (0.80)	RodosekWH99 (0.89)	NuijtenA96 (0.91)	BockmayrK98 (0.92)
Euclid	RodosekWH99 (0.30)	HookerO99 (0.35)	Bartak02 (0.35)	HarjunkoskiJG00 (0.35)	BockmayrP06 (0.36)
Dot	Malapert11 (109.00)	Baptiste02 (98.00)	Lombardi10 (97.00)	Groleaz21 (94.00)	LaborieRSV18 (90.00)
Cosine	RodosekWH99 (0.75)	HookerO99 (0.69)	BadicaBI20 (0.64)	Bartak02 (0.63)	RodosekW98 (0.62)
DarbyDowmanL98 R&C	Darby-DowmanLMZ97 (0.80)	SmithBHW96 (0.82)	RodosekWH99 (0.91)	RodosekW98 (0.92)	EdisO11 (0.92)
Euclid					
Dot					
Cosine					
Davenport10 R&C	Limtanyakul07 (0.80)	Vilim09 (0.83)	Vilim09a (0.83)	KameugneF13 (0.83)	VilimBC05 (0.86)
Euclid	FrostD98 (0.25)	CarchraeBF05 (0.26)	KovacsEKV05 (0.26)	AngelsmarkJ00 (0.26)	CestaOS98 (0.26)
Dot	ZarandiASC20 (63.00)	Groleaz21 (63.00)	KelbelH11 (55.00)	TerekhovDOB12 (55.00)	Lombardi10 (55.00)
Cosine	KeriK07 (0.60)	Hooker05a (0.57)	BeckR03 (0.56)	KrogtLPHJ07 (0.56)	Hooker06 (0.55)
DavenportKRSH07 R&C	SimoninAHL15 (0.86)	BeldiceanuP07 (0.89)	SimoninAHL12 (0.90)	SerraNM12 (0.90)	AntuoriHHEN20 (0.90)
Euclid	CauwelaertDMS16 (0.25)	MakMS10 (0.28)	Vilim04 (0.28)	GilesH16 (0.29)	HarjunkoskiG02 (0.29)
Dot	Astrand21 (109.00)	Baptiste02 (104.00)	Dejemeppe16 (103.00)	ZarandiASC20 (103.00)	Malapert11 (103.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	CauwelaertDMS16 (0.80)	FocacciLN00 (0.76)	CauwelaertDS20 (0.76)	Pralet17 (0.75)	HarjunkoskiG02 (0.74)
Davis87 R&C	DincbasSH90 (0.89)	BeckF00 (0.93)	Dorndorf2000 (0.94)	SadehF96 (0.94)	BartakS11 (0.96)
Euclid	Valdes87 (0.12)	FrostD98 (0.15)	HebrardTW05 (0.16)	LiuJ06 (0.16)	AngelsmarkJ00 (0.16)
Dot	Astrand21 (36.00)	Lombardi10 (35.00)	KoehlerBFFHPSSS21 (34.00)	Dejemeppe16 (34.00)	Malapert11 (34.00)
Cosine	Valdes87 (0.77)	MurphyMB15 (0.68)	RoweJCA96 (0.67)	BukchinR18 (0.64)	AstrandJZ18 (0.64)
Dejemeppe16 R&C					
Euclid	GrimesH15 (0.63)	Fahimi16 (0.64)	DejemeppeCS15 (0.64)	BartakSR10 (0.65)	Beck99 (0.65)
Dot	ZarandiASC20 (332.00)	Groleaz21 (324.00)	Malapert11 (307.00)	Baptiste02 (299.00)	Lombardi10 (279.00)
Cosine	GrimesH15 (0.68)	Fahimi16 (0.68)	DejemeppeCS15 (0.67)	Malapert11 (0.67)	Groleaz21 (0.66)
DejemeppeCS15 R&C	CauwelaertDMS16 (0.74)	CauwelaertDS20 (0.75)	GayHS15a (0.76)	GrimesH10 (0.77)	GaySS14 (0.79)
Euclid	CauwelaertDMS16 (0.19)	CauwelaertDS20 (0.19)	VilimBC05 (0.22)	VilimBC04 (0.23)	Vilim04 (0.25)
Dot	Dejemeppe16 (173.00)	Baptiste02 (158.00)	Malapert11 (152.00)	Groleaz21 (152.00)	Fahimi16 (147.00)
Cosine	CauwelaertDS20 (0.91)	CauwelaertDMS16 (0.91)	VilimBC05 (0.88)	VilimBC04 (0.86)	Vilim04 (0.83)
DejemeppeD14 R&C	DannaP03 (0.90)	SchausHMCMD11 (0.92)	GarganiR07 (0.92)	VerfaillieL01 (0.92)	PesantRR15 (0.93)
Euclid	BeckW05 (0.29)	BonfiettiM12 (0.30)	Caseau97 (0.31)	GalleguillosKSB19 (0.31)	GodardLN05 (0.31)
Dot	Dejemeppe16 (123.00)	ZarandiASC20 (94.00)	Malapert11 (90.00)	LaborieRSV18 (87.00)	Lombardi10 (86.00)
Cosine	GodardLN05 (0.71)	BeckW05 (0.70)	Pralet17 (0.68)	CappartTSR18 (0.68)	SenderovichBB19 (0.68)
Demassey03 R&C					
Euclid	DemasseyAM05 (0.39)	Kameugne14 (0.39)	BaptistePN99 (0.41)	BartakSR08 (0.42)	Derrien15 (0.43)
Dot	Baptiste02 (198.00)	Schutt11 (191.00)	Malapert11 (190.00)	Fahimi16 (187.00)	Lombardi10 (184.00)
Cosine	Kameugne14 (0.77)	DemasseyAM05 (0.74)	BaptistePN99 (0.73)	Elkhyari03 (0.72)	BartakSR08 (0.70)
DemasseyAM05 R&C	NeronABCDD06 (0.71)	BruckerK00 (0.73)	LiessM08 (0.77)	ArkhipovBL19 (0.80)	DorndorfHP99 (0.83)
Euclid	LiessM08 (0.23)	BaptisteP97 (0.25)	HeipckeCCS00 (0.29)	VilimBC04 (0.29)	KovacsV04 (0.29)
Dot	Baptiste02 (161.00)	Lombardi10 (159.00)	Schutt11 (156.00)	Dejemeppe16 (150.00)	Groleaz21 (149.00)
Cosine	LiessM08 (0.86)	BaptisteP97 (0.86)	BaptistePN99 (0.82)	VilimLS15 (0.81)	BaptisteP00 (0.80)
DemirovicS18 R&C	KreterSS15 (0.94)	KreterSS17 (0.94)	MusliuSS18 (0.95)	FrimodigS19 (0.95)	FrohnerTR19 (0.95)
Euclid	ShaikhK23 (0.30)	PesantGPR99 (0.30)	Puget95 (0.30)	QuSN06 (0.30)	ZibranR11a (0.31)
Dot	Astrand21 (88.00)	Lemos21 (87.00)	Groleaz21 (85.00)	Fahimi16 (85.00)	Godet21a (84.00)
Cosine	ElkhyariGJ02a (0.69)	ShaikhK23 (0.66)	NishikawaSTT18 (0.65)	NishikawaSTT19 (0.65)	HeipckeCCS00 (0.65)
Derrien15 R&C					
Euclid	Clercq12 (0.33)	DerrienP14 (0.36)	KovacsV04 (0.36)	Vilim11 (0.37)	Letort13 (0.37)
Dot	Fahimi16 (165.00)	Malapert11 (161.00)	Godet21a (158.00)	Dejemeppe16 (150.00)	Schutt11 (149.00)
Cosine	Clercq12 (0.79)	Letort13 (0.75)	Fahimi16 (0.71)	Kameugne14 (0.71)	FahimiOQ18 (0.71)
DerrienP14 R&C	SchuttW10 (0.78)	LetortBC12 (0.78)	Tesch18 (0.79)	GayHS15 (0.79)	KameugneFSN14 (0.80)
Euclid	HebrardALLCMR22 (0.26)	Tesch16 (0.26)	Vilim11 (0.26)	WolfS05 (0.27)	Vilim09 (0.27)
Dot	Fahimi16 (83.00)	Schutt11 (80.00)	SchuttFS13a (78.00)	Malapert11 (76.00)	Derrien15 (76.00)
Cosine	Vilim11 (0.77)	Tesch16 (0.75)	DerrienPZ14 (0.72)	Vilim09 (0.69)	OuelletQ18 (0.69)
DerrienPZ14 R&C	FahimiOQ18 (0.73)	Mercier-AubinGQ20 (0.80)	GayHS15 (0.82)	KameugneFSN14 (0.89)	Madi-WambaLOBM17 (0.89)
Euclid	BonfiettiZLM16 (0.28)	DerrienP14 (0.28)	Tesch16 (0.29)	BofillCSV17 (0.29)	LombardiM13 (0.30)
Dot	Fahimi16 (105.00)	Malapert11 (101.00)	Dejemeppe16 (101.00)	LaborieRSV18 (99.00)	Godet21a (98.00)
Cosine	BonfiettiZLM16 (0.75)	Tesch16 (0.72)	DerrienP14 (0.72)	ClercqPBJ11 (0.71)	BofillCSV17 (0.71)
DilkinaDH05 R&C	ArtiguesR00 (0.90)	ElkhyariGJ02 (0.92)	ArtiguesBF04 (0.94)	GrimesHM09 (0.95)	TorresL00 (0.95)
Euclid	HebrardTW05 (0.23)	CrawfordB94 (0.24)	FoxAS82 (0.25)	DoRZ08 (0.25)	OddiS97 (0.25)
Dot	Dejemeppe16 (75.00)	ZarandiASC20 (74.00)	Groleaz21 (74.00)	Beck99 (72.00)	BeckDDF98 (72.00)
Cosine	OddiS97 (0.71)	SmithC93 (0.70)	HebrardTW05 (0.70)	BillautHL12 (0.70)	NuijtenA94 (0.69)
DilkinaH04 R&C					
Euclid	Tsang03 (0.19)	GelainPRVW17 (0.21)	AbrilSB05 (0.22)	Vilim03 (0.22)	FrostD98 (0.22)
Dot	Lemos21 (48.00)	ZarandiASC20 (47.00)	Lombardi10 (47.00)	Beck99 (46.00)	HookerH17 (44.00)
Cosine	GelainPRVW17 (0.69)	BartakS11 (0.69)	Tsang03 (0.67)	LiuLH19 (0.64)	ZhangLS12 (0.63)
DincbasS91 R&C					
Euclid	CestaOS98 (0.20)	KovacsEKV05 (0.21)	Simonis95 (0.21)	AngelsmarkJ00 (0.21)	Caballero23 (0.22)
Dot	Simonis07 (43.00)	Simonis99 (42.00)	Wallace96 (40.00)	Simonis95a (39.00)	Kuchcinski03 (39.00)
Cosine	Simonis95 (0.70)	GruianK98 (0.60)	CestaOS98 (0.58)	Simonis95a (0.57)	KovacsEKV05 (0.56)
DincbasSH90 R&C	Wallace96 (0.86)	NuijtenA96 (0.86)	Davis87 (0.89)	BeckF00 (0.89)	SmithBHW96 (0.91)
Euclid	Rit86 (0.26)	Simonis95 (0.27)	LammaMM97 (0.29)	Zhou96 (0.31)	BrusoniCLMMT96 (0.31)
Dot	Baptiste02 (94.00)	Malapert11 (92.00)	AggounB93 (91.00)	Simonis99 (86.00)	RoePS05 (86.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	LammaMM97 (0.76)	AggounB93 (0.74)	Rit86 (0.73)	Simonis95a (0.71)	Simonis95 (0.69)
DoRZ08 R&C					
Euclid	CrawfordB94 (0.20)	LauLN08 (0.22)	FoxAS82 (0.23)	FukunagaHFAMN02 (0.23)	DilkinaDH05 (0.25)
Dot	Lunardi20 (71.00)	ZarandiASC20 (70.00)	Astrand21 (70.00)	GombolayWS18 (69.00)	PrataAN23 (68.00)
Cosine	CrawfordB94 (0.77)	LauLN08 (0.73)	HebrardHJMPV16 (0.70)	FoxAS82 (0.70)	GetoorOFC97 (0.70)
DomdorfPH03 R&C	BlazewiczDP96 (0.80)	Dorndorf2000 (0.82)	JainM99 (0.86)	DorndorfHP99 (0.87)	SourdN00 (0.87)
Euclid					
Dot					
Cosine					
DoomsH08 R&C					
Euclid	BonfiettiM12 (0.23)	BeckW05 (0.24)	LombardiM13 (0.24)	Caballero23 (0.24)	LombardiM09 (0.25)
Dot	Lombardi10 (80.00)	ZarandiASC20 (79.00)	BeckW07 (76.00)	Groleaz21 (75.00)	LaborieRSV18 (73.00)
Cosine	LombardiM09 (0.75)	BeckW05 (0.74)	BeckW07 (0.73)	BonfiettiM12 (0.72)	LombardiBM15 (0.72)
Dorndorf2000 R&C	DorndorfHP99 (0.74)	DomdorfPH03 (0.82)	DorndorfPH99 (0.85)	SourdN00 (0.85)	BeckF00 (0.86)
Euclid	BartakSR08 (0.37)	ChenGPSH10 (0.38)	SourdN00 (0.38)	NuijtenP98 (0.38)	MenciaSV12 (0.39)
Dot	Baptiste02 (198.00)	Groleaz21 (192.00)	Malapert11 (181.00)	Godet21a (180.00)	Fahimi16 (178.00)
Cosine	BartakSR08 (0.75)	ChenGPSH10 (0.75)	SourdN00 (0.73)	MenciaSV12 (0.73)	NuijtenP98 (0.73)
DorndorfHP99 R&C	DorndorfPH99 (0.70)	Dorndorf2000 (0.74)	SourdN00 (0.76)	MonetteDD07 (0.81)	DemasseyAM05 (0.83)
Euclid					
Dot					
Cosine					
DorndorfPH99 R&C	DorndorfHP99 (0.70)	SourdN00 (0.81)	Dorndorf2000 (0.85)	ArtiguesF07 (0.88)	JainM99 (0.88)
Euclid					
Dot					
Cosine					
DoulabiRP14 R&C	DoulabiRP16 (0.74)	RoshanaeiLAU17a (0.85)	WangMD15 (0.86)	RiiseML16 (0.87)	RoshanaeiLAU17 (0.88)
Euclid	DoulabiRP16 (0.26)	ChapadosJR11 (0.27)	ZibranR11 (0.29)	RiiseML16 (0.30)	KovacsEKV05 (0.30)
Dot	RiiseML16 (72.00)	ZarandiASC20 (71.00)	RoshanaeiLAU17 (70.00)	RoshanaeiN21 (68.00)	WangMD15 (67.00)
Cosine	DoulabiRP16 (0.75)	RiiseML16 (0.73)	WangMD15 (0.65)	GurEA19 (0.64)	Wolf11 (0.64)
DoulabiRP16 R&C	RoshanaeiLAU17 (0.70)	RoshanaeiLAU17a (0.70)	DoulabiRP14 (0.74)	WangMD15 (0.74)	RoshanaeiBAUB20 (0.77)
Euclid	GurEA19 (0.25)	DoulabiRP14 (0.26)	GurPAE23 (0.27)	RoshanaeiLAU17 (0.31)	TopaloglluO11 (0.32)
Dot	ZarandiASC20 (99.00)	RoshanaeiLAU17 (99.00)	RoshanaeiBAUB20 (92.00)	WangMD15 (87.00)	NaderiBZ23 (86.00)
Cosine	GurEA19 (0.80)	GurPAE23 (0.78)	RoshanaeiLAU17 (0.77)	DoulabiRP14 (0.75)	WangMD15 (0.73)
Edis21 R&C	CilKLO22 (0.78)	KizilayC20 (0.89)	MengLZB21 (0.92)	Alaka21 (0.94)	Ham18a (0.94)
Euclid	NishikawaSTT18 (0.38)	NishikawaSTT19 (0.39)	NishikawaSTT18a (0.40)	ZouZ20 (0.40)	BukchinR18 (0.40)
Dot	ZarandiASC20 (171.00)	Dejemeppe16 (160.00)	Groleaz21 (158.00)	Lunardi20 (144.00)	Astrand21 (138.00)
Cosine	NishikawaSTT18 (0.68)	NishikawaSTT19 (0.67)	ZouZ20 (0.66)	NishikawaSTT18a (0.65)	ZhangYW21 (0.64)
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)	HookerY02 (0.29)	ChuX05 (0.29)	ArbaouiY18 (0.29)
Dot	Groleaz21 (114.00)	ZarandiASC20 (111.00)	YunusogluY22 (106.00)	Baptiste02 (106.00)	AwadMDMT22 (106.00)
Cosine	ArbaouiY18 (0.74)	QinDS16 (0.73)	JainG01 (0.72)	HamdiL13 (0.72)	Ham18a (0.71)
EdisO11a R&C	EdisO11 (0.78)	JainG01 (0.90)	GongLMW09 (0.90)	Hooker07 (0.91)	CobanH10 (0.91)
Euclid					
Dot					
Cosine					
EdwardsBSE19 R&C	CarlierSJP21 (0.79)	SchnellH15 (0.87)	HillTV21 (0.87)	KreterSSZ18 (0.87)	CarlierPSJ20 (0.89)
Euclid					
Dot					
Cosine					
EfthymiouY23 R&C	WallaceY20 (0.90)	BaptisteLV92 (0.97)	AntuoriHHEN20 (0.97)	RodosekW98 (0.97)	BenediktSMVH18 (0.97)
Euclid	GalleguillosKSB19 (0.34)	KotaryFH22 (0.35)	LiLZDZW24 (0.35)	AstrandJZ18 (0.35)	CarchraeB09 (0.35)
Dot	Groleaz21 (116.00)	ZarandiASC20 (108.00)	Dejemeppe16 (108.00)	Godet21a (103.00)	abs-2211-14492 (102.00)
Cosine	KotaryFH22 (0.67)	CarchraeB09 (0.66)	abs-2211-14492 (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	CobanH11 (0.27)	CireCH13 (0.28)	ForbesHJST24 (0.29)	Beck10 (0.29)	CireCH16 (0.30)
Dot	Hooker19 (123.00)	Lombardi10 (121.00)	Groleaz21 (119.00)	NaderiRR23 (118.00)	ZarandiASC20 (118.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	CobanH11 (0.81)	Hooker19 (0.80)	ForbesHJST24 (0.78)	CireCH13 (0.77)	Beck10 (0.76)
ElhouraniDM07 R&C					
Euclid	AbrilSB05 (0.25)	Hunsberger08 (0.25)	MaraveliasG04 (0.25)	KameugneF13 (0.25)	Davis87 (0.26)
Dot	Godet21a (35.00)	Lemos21 (34.00)	Dejemeppe16 (34.00)	ZarandiASC20 (29.00)	Beck99 (28.00)
Cosine	SunLYL10 (0.43)	BartakS11 (0.41)	Hunsberger08 (0.39)	AlesioNBG14 (0.37)	RossiTHP07 (0.37)
Elkhyari03 R&C					
Euclid	MalapertCGJLR13 (0.39)	VilimLS15 (0.41)	ElkhyariGJ02a (0.43)	KovacsV04 (0.43)	BartakSR08 (0.43)
Dot	Groleaz21 (217.00)	ZarandiASC20 (199.00)	Godet21a (198.00)	Baptiste02 (198.00)	Malapert11 (182.00)
Cosine	MalapertCGJLR13 (0.74)	VilimLS15 (0.72)	Demassey03 (0.72)	BartakSR08 (0.69)	ElkhyariGJ02a (0.68)
ElkhyariGJ02 R&C	ElkhyariGJ02a (0.77)	Wolf05 (0.80)	BruckerK00 (0.86)	BertholdHLMS10 (0.88)	SchuttFSW11 (0.90)
Euclid	LombardiM13 (0.23)	BonfiettiM12 (0.23)	FortinZDF05 (0.25)	Bonfietti16 (0.25)	LeeKLKKYHP97 (0.25)
Dot	Lombardi10 (91.00)	Godet21a (86.00)	Schutt11 (85.00)	Baptiste02 (84.00)	ZarandiASC20 (83.00)
Cosine	ElkhyariGJ02a (0.77)	LiessM08 (0.75)	BeniniLMMR08 (0.72)	LombardiM13 (0.71)	abs-1009-0347 (0.70)
ElkhyariGJ02a R&C	ElkhyariGJ02 (0.77)	BruckerK00 (0.84)	PoderBS04 (0.87)	DemasseyAM05 (0.87)	LiessM08 (0.88)
Euclid	ElkhyariGJ02 (0.29)	OddiRC10 (0.30)	LombardiM10 (0.31)	LombardiM13 (0.32)	Bartak02 (0.32)
Dot	Godet21a (136.00)	Lombardi10 (132.00)	Baptiste02 (131.00)	ZarandiASC20 (127.00)	Schutt11 (126.00)
Cosine	ElkhyariGJ02 (0.77)	LombardiM10 (0.73)	OddiRC10 (0.73)	LiessM08 (0.72)	Bartak02 (0.71)
EmdeZD22 R&C	HechingHK19 (0.91)	TranAB16 (0.93)	ElciOH22 (0.93)	CobanH11 (0.93)	CireCH13 (0.93)
Euclid	Beck10 (0.35)	CireCH13 (0.36)	CobanH11 (0.37)	HamdiL13 (0.37)	HookerO03 (0.38)
Dot	ZarandiASC20 (151.00)	Groleaz21 (137.00)	Lombardi10 (134.00)	NaderiRR23 (131.00)	PrataAN23 (128.00)
Cosine	Beck10 (0.71)	CobanH11 (0.70)	NaderiBZ22 (0.69)	NaderiBZ23 (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 (0.28)	BeniniLMMR08 (0.29)	BeniniLMR11 (0.29)	Hooker05 (0.30)	CireCH13 (0.30)
Dot	Lombardi10 (152.00)	Groleaz21 (137.00)	ZarandiASC20 (134.00)	Astrand21 (127.00)	Dejemeppe16 (127.00)
Cosine	CobanH11 (0.79)	Hooker05 (0.79)	BeniniLMR11 (0.78)	NaderiBZ22a (0.77)	BeniniBGM05 (0.76)
EreminW01 R&C	Thorsteinsson01 (0.79)	BenoistGR02 (0.79)	Hooker04 (0.83)	ChuX05 (0.88)	CambazardHDJT04 (0.88)
Euclid	CireCH16 (0.29)	LozanoCDS12 (0.30)	BourdaisGP03 (0.30)	NishikawaSTT18 (0.30)	Wallace06 (0.31)
Dot	MilanoW09 (98.00)	MilanoW06 (97.00)	Froger16 (92.00)	Wallace06 (88.00)	HookerH17 (86.00)
Cosine	Wallace06 (0.75)	CireCH16 (0.70)	BeniniBGM06 (0.68)	NishikawaSTT18 (0.68)	CorreaLR07 (0.67)
ErtlK91 R&C	MalikMB08 (0.89)	Goltz95 (0.95)	AggounB93 (0.96)	RodosekW98 (0.96)	Simonis95a (0.96)
Euclid	MalikMB08 (0.22)	LiuJ06 (0.23)	RoweJCA96 (0.24)	Davis87 (0.24)	FukunagaHFAMN02 (0.24)
Dot	Lombardi10 (62.00)	BeldiceanuC94 (61.00)	HarjunkoskiMBC14 (58.00)	Malik08 (57.00)	Schutt11 (57.00)
Cosine	MalikMB08 (0.75)	BegB13 (0.69)	BessiereHMQW14 (0.68)	Malik08 (0.68)	RoweJCA96 (0.67)
EscobetPQPRA19 R&C	KlankeBYE21 (0.89)	AwadMDMT22 (0.92)	NovaraNH16 (0.93)	Novas19 (0.94)	OujanaAYB22 (0.95)
Euclid	Colombani96 (0.31)	HarjunkoskiG02 (0.32)	BockmayrP06 (0.33)	Limtanyakul07 (0.33)	QuirogaZH05 (0.33)
Dot	HarjunkoskiMBC14 (124.00)	Groleaz21 (123.00)	ZarandiASC20 (122.00)	Dejemeppe16 (117.00)	LaborieRSV18 (110.00)
Cosine	Colombani96 (0.74)	HarjunkoskiG02 (0.72)	JainG01 (0.72)	KhayatLR06 (0.70)	QuirogaZH05 (0.70)
EskeyZ90 R&C					
Euclid	LuoVLBM16 (0.27)	FukunagaHFAMN02 (0.27)	HoYCLLCLC18 (0.27)	ElkhyariGJ02 (0.27)	CrawfordB94 (0.27)
Dot	Lombardi10 (86.00)	Beck99 (86.00)	ZarandiASC20 (81.00)	Schutt11 (75.00)	Dejemeppe16 (75.00)
Cosine	HurleyOS16 (0.68)	ElkhyariGJ02 (0.66)	BeckPS03 (0.66)	MorgadoM97 (0.66)	MurphyMB15 (0.66)
EsquirolLH2008 R&C	BeckF00 (0.87)	BriandHHL08 (0.88)	LiuGT10 (0.88)	ArtiouchineB05 (0.90)	KeriK07 (0.90)
Euclid					
Dot					
Cosine					
EtminaniesfahaniGNMS22 R&C	GuSSWC14 (0.93)	SchuttFSW11 (0.94)	AmadiniGM16 (0.95)	EdwardsBSE19 (0.95)	GuSS13 (0.95)
Euclid	VilimLS15 (0.35)	ZhangYW21 (0.35)	LahimerLH11 (0.36)	LiessM08 (0.36)	HillTV21 (0.36)
Dot	ZarandiASC20 (177.00)	Groleaz21 (177.00)	Lunardi20 (157.00)	Dejemeppe16 (148.00)	Lombardi10 (145.00)
Cosine	VilimLS15 (0.77)	YuraszeckMCCR23 (0.75)	ZhangYW21 (0.74)	LiessM08 (0.73)	LahimerLH11 (0.73)
EvenSH15 R&C	ZhangLS12 (0.75)	QuirogaZH05 (0.80)	Geske05 (0.80)	KovacsV04 (0.83)	LimtanyakulS12 (0.86)
Euclid	EvenSH15a (0.10)	WolfS05 (0.27)	BeldiceanuP07 (0.29)	BockmayrP06 (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)	YangSS19 (0.68)	ZampelliVSDR13 (0.68)
EvenSH15a R&C					
Euclid	EvenSH15 (0.10)	WolfS05 (0.28)	BeldiceanuP07 (0.30)	PoderB08 (0.32)	MurphyMB15 (0.32)
Dot	EvenSH15 (120.00)	Lombardi10 (113.00)	ZarandiASC20 (110.00)	Dejemeppe16 (109.00)	Malapert11 (108.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	EvenSH15 (0.98)	WolfS05 (0.75)	BeldiceanuP07 (0.72)	YangSS19 (0.67)	PoderB08 (0.67)
FachiniA20 R&C	MartnezAJ22 (0.84)	ElciOH22 (0.88)	ZarandiB12 (0.90)	HechingHK19 (0.92)	NaderiR22 (0.93)
Euclid	MontemanniD23 (0.37)	FallahiAC20 (0.38)	BarzegaranZP20 (0.39)	EreminW01 (0.39)	MontemanniD23a (0.39)
Dot	Froger16 (122.00)	Groleaz21 (102.00)	Lunardi20 (96.00)	Lemos21 (96.00)	HarjunkoskiMBC14 (96.00)
Cosine	MontemanniD23 (0.63)	FallahiAC20 (0.62)	GoldwaserS18 (0.61)	EreminW01 (0.60)	NaderiBZR23 (0.59)
Fahimi16 R&C					
Euclid	FahimiOQ18 (0.41)	GokgurHO18 (0.48)	BartakSR08 (0.48)	BartakSR10 (0.49)	BeckF00 (0.50)
Dot	Malapert11 (280.00)	Baptiste02 (279.00)	Dejemeppe16 (274.00)	Groleaz21 (255.00)	Lombardi10 (253.00)
Cosine	FahimiOQ18 (0.82)	GokgurHO18 (0.75)	BartakSR10 (0.74)	BartakSR08 (0.74)	Malapert11 (0.73)
FahimiOQ18 R&C	KameugneFSN14 (0.65)	Tesch16 (0.72)	DerrienPZ14 (0.73)	OuelletQ18 (0.74)	OuelletQ13 (0.76)
Euclid	VilimBC05 (0.36)	MonetteDD07 (0.36)	OuelletQ13 (0.37)	Wolf03 (0.37)	VilimBC04 (0.39)
Dot	Fahimi16 (226.00)	Dejemeppe16 (213.00)	Malapert11 (211.00)	Baptiste02 (211.00)	Schutt11 (209.00)
Cosine	Fahimi16 (0.82)	VilimBC05 (0.78)	MonetteDD07 (0.78)	OuelletQ13 (0.78)	Wolf03 (0.78)
FahimiQ23 R&C	KameugneFGOQ18 (0.86)	Tesch16 (0.87)	Tesch18 (0.89)	GayHS15a (0.89)	OuelletQ13 (0.90)
Euclid					
Dot					
Cosine					
FalaschiGMP97 R&C	BaptisteLV92 (0.93)	Goltz95 (0.94)	BrusoniCLMMT96 (0.94)	Simonis95a (0.95)	BeniniLMMR08 (0.95)
Euclid	Touraivane95 (0.13)	JelinekB16 (0.22)	CarchraeBF05 (0.23)	FrostD98 (0.24)	LiuJ06 (0.24)
Dot	Wallace96 (48.00)	Simonis99 (48.00)	Simonis95a (44.00)	MartinPY01 (43.00)	HookerO99 (43.00)
Cosine	Touraivane95 (0.87)	AbdennadherS99 (0.68)	MartinPY01 (0.66)	PesantGPR99 (0.62)	JelinekB16 (0.61)
FallahiAC20 R&C					
Euclid	BarzegaranZP20 (0.28)	GelainPRVW17 (0.30)	LiuLH19 (0.30)	abs-1902-01193 (0.31)	ZhangLS12 (0.31)
Dot	ZarandiASC20 (101.00)	Groleaz21 (94.00)	Dejemeppe16 (93.00)	Lemos21 (90.00)	Froger16 (90.00)
Cosine	BarzegaranZP20 (0.71)	Wallace06 (0.66)	LiuLH19 (0.66)	KletzanderMH21 (0.66)	BocewiczBB09 (0.65)
FalqueALM24 R&C					
Euclid	LiuCGM17 (0.33)	QuSN06 (0.34)	AngelsmarkJ00 (0.35)	Puget95 (0.35)	GelainPRVW17 (0.35)
Dot	Lemos21 (99.00)	Godet21a (95.00)	KoehlerBFFHPSSS21 (83.00)	Malapert11 (83.00)	Dejemeppe16 (83.00)
Cosine	LiuCGM17 (0.64)	PourDERB18 (0.58)	BocewiczBB09 (0.57)	GarridoAO09 (0.57)	GarridoOS08 (0.56)
FanXG21 R&C	QinWSLS21 (0.93)	ColT2019a (0.96)	MenciaSV12 (0.97)	ColT22 (0.97)	DomdorfPH03 (0.97)
Euclid	FoxAS82 (0.36)	ZhangW18 (0.36)	LiFJZLL22 (0.37)	SmithC93 (0.37)	BogaerdtW19 (0.37)
Dot	ZarandiASC20 (177.00)	Groleaz21 (161.00)	Lunardi20 (148.00)	Baptiste02 (138.00)	Dejemeppe16 (135.00)
Cosine	ZhangW18 (0.74)	AlfieriGPS23 (0.72)	OujanaAYB22 (0.68)	LiFJZLL22 (0.68)	MonetteDH09 (0.67)
FarsiTM22 R&C	YounespourAKE19 (0.87)	MengLZB21 (0.90)	GurPAE23 (0.92)	GhasemiMH23 (0.93)	Edis21 (0.94)
Euclid	GurPAE23 (0.36)	GurEA19 (0.38)	WangMD15 (0.39)	DoulabiRP16 (0.40)	YounespourAKE19 (0.41)
Dot	ZarandiASC20 (152.00)	Dejemeppe16 (129.00)	Lunardi20 (108.00)	Groleaz21 (107.00)	NaderiBZ22a (102.00)
Cosine	GurPAE23 (0.69)	WangMD15 (0.65)	GurEA19 (0.65)	YounespourAKE19 (0.64)	NaderiBZR23 (0.63)
Fatemi-AnarakiTFV23 R&C	NouriMHD23 (0.83)	LaborieRSV18 (0.94)	LiFJZLL22 (0.95)	NaderiRR23 (0.95)	MengLZB21 (0.95)
Euclid	Ham18a (0.36)	MokhtarzadehTNF20 (0.37)	Ham18 (0.38)	Mehdizadeh-Somarin23 (0.38)	HamP21 (0.39)
Dot	ZarandiASC20 (174.00)	Lunardi20 (162.00)	Groleaz21 (161.00)	Astrand21 (153.00)	Malapert11 (144.00)
Cosine	Ham18a (0.74)	MokhtarzadehTNF20 (0.72)	Ham18 (0.70)	CzerniachowskaWZ23 (0.70)	Mehdizadeh-Somarin23 (0.69)
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 (161.00)	Lombardi10 (159.00)	Schutt11 (159.00)	Baptiste02 (159.00)	KameugneFND23 (155.00)
Cosine	KameugneFND23 (0.90)	KameugneFGOQ18 (0.86)	OuelletQ13 (0.84)	GingrasQ16 (0.81)	KameugneFSN14 (0.75)
FocacciLN00 R&C					
Euclid	CauwelaertDMS16 (0.28)	ArtiguesBF04 (0.28)	ArtiguesF07 (0.29)	VilimBC05 (0.30)	CauwelaertDS20 (0.30)
Dot	Baptiste02 (160.00)	Dejemeppe16 (151.00)	Malapert11 (150.00)	GrimesH15 (148.00)	Fahimi16 (147.00)
Cosine	ArtiguesBF04 (0.82)	CauwelaertDMS16 (0.81)	ArtiguesF07 (0.81)	CauwelaertDS20 (0.80)	GrimesH10 (0.79)
FontaineMH16 R&C	YounespourAKE19 (0.90)	HermenierDL11 (0.94)	RoshanaeiN21 (0.94)	Laborie18a (0.95)	NaderiRBAU21 (0.96)
Euclid	CarchraeB09 (0.26)	Puget95 (0.27)	SialaAH15 (0.28)	Colombani96 (0.28)	HeipckeCCS00 (0.28)
Dot	Groleaz21 (120.00)	Lombardi10 (113.00)	Astrand21 (112.00)	NaderiRR23 (110.00)	Baptiste02 (110.00)
Cosine	CarchraeB09 (0.81)	SialaAH15 (0.78)	ZhangBB22 (0.77)	Colombani96 (0.76)	HeipckeCCS00 (0.76)
ForbesHJST24 R&C	ElciOH22 (0.85)	CambazardJ05 (0.91)	Hooker04 (0.91)	Hooker05a (0.92)	BeniniBGM06 (0.92)
Euclid	HookerY02 (0.28)	CireCH13 (0.29)	ElciOH22 (0.29)	HookerO03 (0.29)	CireCH16 (0.30)
Dot	Lombardi10 (120.00)	Froger16 (117.00)	Groleaz21 (110.00)	Hooker19 (109.00)	LaborieRSV18 (106.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	ElciOH22 (0.78)	CobanH11 (0.76)	HookerY02 (0.76)	EmeretlisTAV17 (0.74)	CireCH13 (0.74)
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)	CarchraeBF05 (0.22)	LombardiM09 (0.22)	AngelsmarkJ00 (0.23)
Dot	LaborieRSV18 (63.00)	SchuttFSW11 (63.00)	LombardiM10a (63.00)	ZarandiASC20 (63.00)	Lombardi10 (63.00)
Cosine	LombardiM09 (0.81)	LombardiM13 (0.79)	LombardiBM15 (0.78)	BeniniLMMR08 (0.78)	LombardiBMB11 (0.76)
FoxAS82 R&C					
Euclid	CrawfordB94 (0.16)	LauLN08 (0.21)	HebrardTW05 (0.22)	FukunagaHFAMN02 (0.22)	AngelsmarkJ00 (0.22)
Dot	ZarandiASC20 (72.00)	BidotVLB09 (69.00)	Groleaz21 (68.00)	BartakSR10 (68.00)	Beck99 (68.00)
Cosine	CrawfordB94 (0.83)	SmithC93 (0.78)	Colombani96 (0.73)	LauLN08 (0.73)	Zhou96 (0.71)
FoxS90 R&C					
Euclid	BeckPS03 (0.31)	SmithC93 (0.31)	Junker00 (0.31)	SadehF96 (0.32)	FoxAS82 (0.33)
Dot	ZarandiASC20 (156.00)	Baptiste02 (153.00)	Dejemeppe16 (145.00)	Groleaz21 (141.00)	Malapert11 (139.00)
Cosine	BeckDDF98 (0.77)	SadehF96 (0.76)	BeckPS03 (0.76)	BeckF00 (0.74)	SmithC93 (0.73)
FrankDT16 R&C	GilesH16 (0.83)	CappartS17 (0.83)	GayHS15 (0.93)	LaborieR14 (0.95)	QinDS16 (0.95)
Euclid	AngelsmarkJ00 (0.23)	KucukY19 (0.23)	Baptiste09 (0.24)	CarchraeBF05 (0.24)	KovacsEKV05 (0.24)
Dot	LaborieRSV18 (67.00)	Groleaz21 (62.00)	Astrand21 (59.00)	Lunardi20 (58.00)	ZarandiASC20 (56.00)
Cosine	KucukY19 (0.73)	PraletLJ15 (0.69)	BoothNB16 (0.67)	NishikawaSTT18a (0.67)	VerfaillieL01 (0.66)
FrankK03 R&C					
Euclid	FrankK05 (0.22)	CarchraeBF05 (0.22)	FrostD98 (0.23)	LiuJ06 (0.23)	AngelsmarkJ00 (0.24)
Dot	FrankK05 (45.00)	GokPTGO23 (33.00)	MintonJPL90 (33.00)	BajestaniB13 (33.00)	Fahimi16 (32.00)
Cosine	FrankK05 (0.78)	MintonJPL90 (0.53)	TranDRFWOVB16 (0.53)	CarchraeBF05 (0.49)	BandaSC11 (0.48)
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 (0.28)	Johnston05 (0.29)	Hunsberger08 (0.29)
Dot	Lombardi10 (69.00)	LaborieRSV18 (67.00)	ZarandiASC20 (67.00)	Groleaz21 (67.00)	Fahimi16 (67.00)
Cosine	FrankK03 (0.78)	TranDRFWOVB16 (0.66)	Johnston05 (0.66)	CatusseCBL16 (0.65)	BarbulescuWH04 (0.63)
FriedrichFMRSST14 R&C	DannaP03 (0.92)	ColT2019a (0.92)	ColT19 (0.93)	BartakSR10 (0.94)	Balduccini11 (0.96)
Euclid					
Dot					
Cosine					
FrimodigS19 R&C	GeibingerMM19 (0.78)	LetortBC12 (0.92)	SchausHMCMD11 (0.94)	GarganiR07 (0.94)	SchuttCSW12 (0.94)
Euclid	BourdaisGP03 (0.32)	LauLN08 (0.33)	HoYCLLCLC18 (0.33)	MurphyMB15 (0.33)	BockmayrP06 (0.33)
Dot	Dejemeppe16 (97.00)	Lombardi10 (86.00)	LaborieRSV18 (85.00)	SenderovichBB19 (83.00)	Astrand21 (82.00)
Cosine	SenderovichBB19 (0.67)	NaderiBZR23 (0.64)	ForbesHJST24 (0.64)	RoshanaeiLAU17 (0.64)	RoshanaeiBAUB20 (0.63)
Froger16 R&C					
Euclid	LuZZYW24 (0.55)	ForbesHJST24 (0.60)	EmeretlisTAV17 (0.61)	Hooker19 (0.61)	Wallace06 (0.61)
Dot	ZarandiASC20 (224.00)	Groleaz21 (209.00)	Astrand21 (194.00)	Lunardi20 (189.00)	Lombardi10 (189.00)
Cosine	LuZZYW24 (0.66)	Hooker19 (0.57)	ForbesHJST24 (0.57)	Lemos21 (0.56)	EmeretlisTAV17 (0.56)
FrohnerTR19 R&C	MusliuSS18 (0.90)	HoYCLLCLC18 (0.90)	BofillEGPSV14 (0.94)	ThiruvadyBME09 (0.94)	ColT19 (0.94)
Euclid	ZibranR11 (0.30)	ZhangLS12 (0.31)	GeibingerKKMMW21 (0.32)	BarzegaranZP20 (0.32)	ZibranR11a (0.32)
Dot	ZarandiASC20 (73.00)	KoehlerBFFHPSSS21 (71.00)	Lemos21 (71.00)	Dejemeppe16 (70.00)	Groleaz21 (67.00)
Cosine	GeibingerKKMMW21 (0.59)	ZibranR11 (0.58)	BarzegaranZP20 (0.58)	ZhangLS12 (0.58)	RendlPHPR12 (0.58)
FrostD98 R&C	KhemmoudjPB06 (0.94)				
Euclid	Baptiste09 (0.13)	AbrilSB05 (0.13)	CarchraeBF05 (0.13)	AngelsmarkJ00 (0.15)	Davis87 (0.15)
Dot	Froger16 (26.00)	Malapert11 (25.00)	Godet21a (23.00)	ZarandiASC20 (23.00)	BajestaniB13 (23.00)
Cosine	ZhangLS12 (0.67)	HebrardALLCMR22 (0.61)	CarchraeBF05 (0.60)	GelainPRVW17 (0.59)	ZibranR11 (0.58)
FukunagaHFAMN02 R&C					
Euclid	LudwigKRBMS14 (0.18)	AngelsmarkJ00 (0.18)	LiuJ06 (0.19)	Davis87 (0.19)	CarchraeBF05 (0.19)
Dot	ZarandiASC20 (53.00)	Beck99 (51.00)	Lombardi10 (48.00)	Astrand21 (48.00)	BeckDDF98 (48.00)
Cosine	LudwigKRBMS14 (0.75)	LouieVNB14 (0.74)	CrawfordB94 (0.71)	BridiLBBM16 (0.70)	BartakS11 (0.68)
GalleguillosKSB19 R&C	BorghesiBLMB18 (0.94)	HurleyOS16 (0.95)	MurinR19 (0.96)	BridiBLMB16 (0.96)	ParkUJR19 (0.97)
Euclid	BartoliniBBLM14 (0.24)	Limtanyakul07 (0.26)	HookerY02 (0.27)	HurleyOS16 (0.28)	DoRZ08 (0.28)
Dot	ZarandiASC20 (93.00)	Groleaz21 (91.00)	Lombardi10 (86.00)	LaborieRSV18 (85.00)	Godet21a (85.00)
Cosine	BartoliniBBLM14 (0.78)	BorghesiBLMB18 (0.74)	Limtanyakul07 (0.72)	BridiBLMB16 (0.71)	CarchraeB09 (0.70)
GarganiR07 R&C	HentenryckM08 (0.52)	HeinzSSW12 (0.60)	SchausHMCMD11 (0.67)	DannaP03 (0.88)	LetortBC12 (0.88)
Euclid	HentenryckM08 (0.21)	HeinzSSW12 (0.21)	SmithBHW96 (0.27)	SchausHMCMD11 (0.28)	BandaSC11 (0.30)
Dot	SchausHMCMD11 (64.00)	German18 (59.00)	GaySS14 (58.00)	Malapert11 (55.00)	LaborieRSV18 (54.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	HentenryckM08 (0.79)	HeinzSSW12 (0.78)	SchausHMCMD11 (0.72)	SmithBHW96 (0.59)	GaySS14 (0.58)
GarridoAO09 R&C	GarridoOS08 (0.74)	ZhangLS12 (0.83)	QuirogaZH05 (0.86)	Geske05 (0.86)	BaptisteLPN06 (0.87)
Euclid	GarridoOS08 (0.19)	KovacsV04 (0.25)	LiuLH19 (0.27)	GayHLS15 (0.28)	ChuGNSW13 (0.28)
Dot	Godet21a (106.00)	Fahimi16 (103.00)	Malapert11 (102.00)	Groleaz21 (101.00)	Dejemeppe16 (100.00)
Cosine	GarridoOS08 (0.87)	KovacsV04 (0.79)	LiuLH19 (0.74)	JussienL02 (0.74)	GayHLS15 (0.73)
GarridoOS08 R&C	GarridoAO09 (0.74)	ZhangLS12 (0.96)	QuirogaZH05 (0.96)	Geske05 (0.96)	KovacsV04 (0.96)
Euclid	GarridoAO09 (0.19)	LiuLH19 (0.27)	Puget95 (0.28)	SmithBHW96 (0.28)	BartakS11 (0.28)
Dot	Godet21a (93.00)	Fahimi16 (93.00)	Malapert11 (90.00)	Lombardi10 (88.00)	Beck99 (87.00)
Cosine	GarridoAO09 (0.87)	LiuLH19 (0.71)	Bartak02 (0.71)	GetoorOFC97 (0.71)	BehrensLM19 (0.70)
GayHLS15 R&C	VilimLS15 (0.77)	GayHS15 (0.78)	CauwelaertLS15 (0.81)	HoundjiSWD14 (0.84)	DejemeppeCS15 (0.84)
Euclid	LombardiM13 (0.25)	LombardiM10 (0.26)	ChuGNSW13 (0.26)	FortinZDF05 (0.26)	OddiRC10 (0.27)
Dot	Godet21a (92.00)	Siala15a (92.00)	Groleaz21 (91.00)	Schutt11 (91.00)	Caballero19 (90.00)
Cosine	LombardiM10 (0.77)	TrojetHL11 (0.74)	KovacsV04 (0.73)	GarridoAO09 (0.73)	ChuGNSW13 (0.72)
GayHS15 R&C	GayHS15a (0.56)	OuelletQ13 (0.60)	LetortBC12 (0.61)	OuelletQ18 (0.72)	Tesch16 (0.73)
Euclid	BeldiceanuP07 (0.23)	WolfS05 (0.26)	PoderB08 (0.27)	SimonisH11 (0.29)	SimoninAHL15 (0.29)
Dot	Fahimi16 (91.00)	Malapert11 (88.00)	Godet21a (85.00)	Groleaz21 (82.00)	FahimiOQ18 (82.00)
Cosine	BeldiceanuP07 (0.79)	WolfS05 (0.72)	PoderB08 (0.70)	SimoninAHL15 (0.69)	SimonisH11 (0.67)
GayHS15a R&C	GayHS15 (0.56)	OuelletQ13 (0.61)	KameugneFGOQ18 (0.67)	Tesch16 (0.73)	LetortBC12 (0.75)
Euclid	OuelletQ18 (0.24)	Vilim11 (0.25)	OuelletQ22 (0.31)	OuelletQ13 (0.31)	SchuttW10 (0.31)
Dot	Schutt11 (132.00)	Fahimi16 (130.00)	FahimiOQ18 (122.00)	Kameugne14 (121.00)	Malapert11 (118.00)
Cosine	OuelletQ18 (0.85)	Vilim11 (0.82)	TardivoDFMP23 (0.77)	OuelletQ22 (0.76)	OuelletQ13 (0.76)
GaySS14 R&C	DejemeppeCS15 (0.79)	SchausHMCMD11 (0.83)	HoundjiSWD14 (0.83)	Vilim09a (0.83)	CauwelaertLS15 (0.84)
Euclid	CauwelaertDMS16 (0.30)	VilimBC04 (0.33)	DavenportKRSH07 (0.33)	PerezGSL23 (0.33)	Puget95 (0.34)
Dot	Dejemeppe16 (135.00)	Astrand21 (130.00)	Groleaz21 (128.00)	Lombardi10 (124.00)	Baptiste02 (124.00)
Cosine	CauwelaertDMS16 (0.75)	Pralet17 (0.73)	CauwelaertDS20 (0.71)	BartakSR08 (0.71)	DavenportKRSH07 (0.71)
GedikKBR17 R&C	GedikKEK18 (0.85)	CappartS17 (0.91)	MengLZB21 (0.93)	GongLMW09 (0.93)	CastroGR10 (0.94)
Euclid	PerezGSL23 (0.29)	abs-2312-13682 (0.29)	BockmayrP06 (0.29)	AkramNHRSA23 (0.30)	MelgarejoLS15 (0.31)
Dot	Groleaz21 (113.00)	IsikYA23 (104.00)	LaborieRSV18 (101.00)	Dejemeppe16 (99.00)	GedikKEK18 (97.00)
Cosine	GedikKEK18 (0.74)	PerezGSL23 (0.68)	abs-2312-13682 (0.68)	MelgarejoLS15 (0.68)	NishikawaSTT19 (0.68)
GedikKEK18 R&C	GedikKBR17 (0.85)	MengZRZL20 (0.87)	GomesM17 (0.91)	KelbelH11 (0.91)	QinDCS20 (0.91)
Euclid	TranAB16 (0.31)	ArbaouiY18 (0.32)	TranB12 (0.32)	abs-2305-19888 (0.34)	GedikKBR17 (0.34)
Dot	Groleaz21 (189.00)	ZarandiASC20 (170.00)	IsikYA23 (166.00)	Lunardi20 (163.00)	NaderiRR23 (163.00)
Cosine	TranAB16 (0.82)	TranB12 (0.80)	ArbaouiY18 (0.79)	abs-2305-19888 (0.77)	YunusogluY22 (0.75)
GeibingerKKMMW21 R&C	Simonis07 (0.91)	NishikawaSTT18a (0.93)	Wolf11 (0.96)	NovasH14 (0.97)	Hooker10 (0.98)
Euclid	Baptiste09 (0.30)	BofillGSV15 (0.30)	ZibranR11 (0.31)	CarchraeBF05 (0.31)	FrohnerTR19 (0.32)
Dot	RoshanaeiLAU17 (54.00)	Dejemeppe16 (53.00)	KoehlerBFFHPSSS21 (52.00)	GuoZ23 (52.00)	Lemos21 (50.00)
Cosine	FrohnerTR19 (0.59)	BourdaisGP03 (0.52)	HechingH16 (0.50)	BofillGSV15 (0.50)	RoshanaeiLAU17 (0.49)
GeibingerMM19 R&C	YoungFS17 (0.75)	FrimodigS19 (0.78)	SzerediS16 (0.80)	BofillCSV17 (0.89)	MusliuSS18 (0.90)
Euclid	abs-1911-04766 (0.24)	CampeauG22 (0.33)	GeibingerMM21 (0.35)	HeipckeCCS00 (0.35)	NishikawaSTT18 (0.36)
Dot	abs-1911-04766 (168.00)	Groleaz21 (151.00)	LaborieRSV18 (148.00)	Dejemeppe16 (145.00)	Lombardi10 (142.00)
Cosine	abs-1911-04766 (0.91)	CampeauG22 (0.76)	GeibingerMM21 (0.73)	HeipckeCCS00 (0.71)	Polo-MejiaALB20 (0.70)
GeibingerMM21 R&C					
Euclid	HeipckeCCS00 (0.31)	abs-1911-04766 (0.33)	Laborie18a (0.33)	GeibingerMM19 (0.35)	MelgarejoLS15 (0.36)
Dot	abs-1911-04766 (138.00)	Lombardi10 (135.00)	Dejemeppe16 (134.00)	ZarandiASC20 (131.00)	Groleaz21 (131.00)
Cosine	abs-1911-04766 (0.81)	HeipckeCCS00 (0.75)	GeibingerMM19 (0.73)	PovedaAA23 (0.72)	VilimLS15 (0.70)
GeitzGSSW22 R&C	FahimiOQ18 (0.86)	WolfS05 (0.87)	DejemeppeCS15 (0.89)	Wolf09 (0.89)	WolfS05a (0.90)
Euclid	KovacsV06 (0.32)	CauwelaertDMS16 (0.33)	NuijtenP98 (0.33)	KhayatLR06 (0.34)	TorresL00 (0.34)
Dot	ZarandiASC20 (165.00)	Baptiste02 (152.00)	Groleaz21 (150.00)	Dejemeppe16 (149.00)	Malapert11 (143.00)
Cosine	NuijtenP98 (0.76)	KovacsV06 (0.74)	TorresL00 (0.74)	CauwelaertDMS16 (0.73)	KhayatLR06 (0.73)
GelainPRVW17 R&C	LimBTBB15 (0.80)	BartakSR10 (0.98)			
Euclid	LiuLH19 (0.20)	ZhangLS12 (0.21)	DilkinaH04 (0.21)	BandaSC11 (0.22)	ZhuS02 (0.22)
Dot	Lemos21 (58.00)	Siala15a (55.00)	BartakSR10 (55.00)	Baptiste02 (55.00)	Godet21a (54.00)
Cosine	LiuLH19 (0.81)	ZhangLS12 (0.73)	BartakS11 (0.70)	DilkinaH04 (0.69)	ZhuS02 (0.69)
German18 R&C					
Euclid	LiuLH19 (0.37)	MalapertCGJLR13 (0.38)	TanSD10 (0.38)	Bartak02a (0.38)	SakkoutW00 (0.38)
Dot	Malapert11 (149.00)	Godet21a (145.00)	Siala15a (144.00)	Groleaz21 (144.00)	Baptiste02 (144.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	SakkoutW00 (0.69)	VilimLS15 (0.68)	BartakSR08 (0.67)	TanSD10 (0.67)	GrimesH10 (0.67)
Geske05 R&C	ZhangLS12 (0.67)	AggounV04 (0.75)	QuirogaZH05 (0.75)	SimonisCK00 (0.75)	KovacsV04 (0.80)
Euclid	BridiLBBM16 (0.32)	WolfS05 (0.33)	BockmayrP06 (0.33)	Madi-WambaLOBM17 (0.33)	CappartS17 (0.33)
Dot	ZarandiASC20 (114.00)	Baptiste02 (111.00)	Beck99 (107.00)	Malapert11 (105.00)	BartakSR10 (102.00)
Cosine	Madi-WambaLOBM17 (0.70)	CappartS17 (0.69)	WuBB09 (0.68)	LammaMM97 (0.66)	BridiLBBM16 (0.66)
GetoorOFC97 R&C					
Euclid	CrawfordB94 (0.27)	KovacsV04 (0.28)	DoRZ08 (0.28)	ValleMGT03 (0.28)	GarridoOS08 (0.29)
Dot	ZarandiASC20 (100.00)	Godet21a (97.00)	Groleaz21 (97.00)	Dejemeppe16 (97.00)	Beck99 (97.00)
Cosine	KovacsV04 (0.74)	BeckPS03 (0.73)	Bartak02a (0.72)	HeckmanB11 (0.71)	GarridoOS08 (0.71)
GhasemiMH23 R&C	GurPAE23 (0.92)	RoshanaeiBAUB20 (0.93)	FarsiTM22 (0.93)	NaderiRBAU21 (0.93)	WangMD15 (0.93)
Euclid					
Dot					
Cosine					
GilesH16 R&C	CappartS17 (0.72)	BartoliniBBLM14 (0.78)	FrankDT16 (0.83)	Davenport10 (0.88)	Limtanyakul07 (0.89)
Euclid	TranVNB17a (0.24)	ZibranR11a (0.25)	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 (0.78)	TranVNB17a (0.74)	MaraveliasCG04 (0.74)	BoothNB16 (0.72)	WolfS05 (0.72)
GingrasQ16 R&C					
Euclid	OuelletQ13 (0.23)	KameugneFND23 (0.27)	KameugneFSN14 (0.27)	KameugneFSN11 (0.29)	WolfS05 (0.29)
Dot	Schutt11 (115.00)	FetgoD22 (114.00)	KameugneFND23 (113.00)	Lombardi10 (111.00)	Fahimi16 (111.00)
Cosine	OuelletQ13 (0.86)	KameugneFND23 (0.84)	KameugneFSN14 (0.82)	FetgoD22 (0.81)	KameugneFSN11 (0.76)
GlobusCLP04 R&C					
Euclid	BarbulescuWH04 (0.23)	VerfaillieL01 (0.28)	CrawfordB94 (0.29)	LudwigKRBMS14 (0.29)	TranDRFWOVB16 (0.29)
Dot	ZarandiASC20 (87.00)	Astrand21 (87.00)	Lunardi20 (80.00)	Froger16 (77.00)	Groleaz21 (76.00)
Cosine	BarbulescuWH04 (0.79)	VerfaillieL01 (0.68)	TranDRFWOVB16 (0.64)	CrawfordB94 (0.63)	PembertonG98 (0.62)
GodardLN05 R&C					
Euclid	HentenryckM04 (0.23)	VilimBC04 (0.27)	CarchraeB09 (0.28)	CestaOS00 (0.28)	Pralet17 (0.28)
Dot	Baptiste02 (132.00)	Dejemeppe16 (126.00)	LaborieRSV18 (124.00)	Lombardi10 (122.00)	Godet21a (118.00)
Cosine	HentenryckM04 (0.85)	Pralet17 (0.81)	CarchraeB09 (0.79)	VilimBC04 (0.78)	Beck07 (0.78)
Godet21a R&C					
Euclid	GodetLHS20 (0.54)	BoudreaultSLQ22 (0.57)	Elkhyari03 (0.57)	Caballero19 (0.58)	ChenGPSH10 (0.58)
Dot	Baptiste02 (267.00)	Groleaz21 (263.00)	Malapert11 (262.00)	Dejemeppe16 (262.00)	ZarandiASC20 (256.00)
Cosine	GodetLHS20 (0.71)	Caballero19 (0.67)	Elkhyari03 (0.67)	BoudreaultSLQ22 (0.67)	Fahimi16 (0.66)
GodetLHS20 R&C	HookerH17 (0.92)				
Euclid	HebrardHJMPV16 (0.37)	SialaAH15 (0.38)	TanSD10 (0.39)	HeipckeCCS00 (0.39)	LahimerLH11 (0.39)
Dot	Godet21a (188.00)	Baptiste02 (148.00)	Malapert11 (142.00)	Groleaz21 (142.00)	NaderiRR23 (137.00)
Cosine	Godet21a (0.71)	HebrardHJMPV16 (0.69)	SialaAH15 (0.68)	GedikKEK18 (0.68)	GrimesH10 (0.68)
GoelSHFS15 R&C	GilesH16 (0.90)	UnsalO13 (0.96)	BoothNB16 (0.96)	KreterSSZ18 (0.96)	OzturkTHO12 (0.96)
Euclid	GilesH16 (0.27)	BoothNB16 (0.31)	SimoninAHL15 (0.33)	WolfS05 (0.33)	CappartTSR18 (0.33)
Dot	LaborieRSV18 (126.00)	Groleaz21 (110.00)	Astrand21 (104.00)	Lunardi20 (101.00)	Malapert11 (99.00)
Cosine	GilesH16 (0.78)	CappartTSR18 (0.71)	BoothNB16 (0.70)	SerraNM12 (0.69)	TranVNB17 (0.68)
GokGSTO20 R&C	MusliuSS18 (0.86)	AmadiniGM16 (0.93)	ElkhyariGJ02 (0.95)	FrohnerTR19 (0.95)	HebrardHJMPV16 (0.95)
Euclid	LombardiM13 (0.35)	TranDRFWOVB16 (0.36)	AmadiniGM16 (0.36)	DoomsH08 (0.37)	LombardiM09 (0.37)
Dot	Groleaz21 (121.00)	Lombardi10 (115.00)	LaborieRSV18 (114.00)	ZarandiASC20 (114.00)	LombardiM12 (112.00)
Cosine	GokPTGO23 (0.70)	LombardiM10 (0.62)	LombardiM13 (0.62)	LombardiM12 (0.62)	CampeauG22 (0.61)
GokPTGO23 R&C					
Euclid	BeckPS03 (0.35)	LombardiM09 (0.37)	GokGSTO20 (0.37)	LombardiBM15 (0.38)	LombardiM10 (0.38)
Dot	ZarandiASC20 (189.00)	Lombardi10 (167.00)	Groleaz21 (164.00)	Astrand21 (164.00)	Dejemeppe16 (163.00)
Cosine	LombardiM12 (0.75)	BeckPS03 (0.73)	abs-1902-09244 (0.70)	GokGSTO20 (0.70)	HauderBRPA20 (0.70)
GokgurHO18 R&C	MercierH07 (0.86)	DorndorfHP99 (0.92)	Vilim05 (0.92)	YunusogluY22 (0.93)	ArbaouiY18 (0.93)
Euclid	BartakSR08 (0.31)	BeckF00 (0.34)	BeckF00a (0.35)	OrnekO16 (0.36)	BaptisteP97 (0.36)
Dot	Baptiste02 (223.00)	Dejemeppe16 (199.00)	Malapert11 (195.00)	Fahimi16 (193.00)	Lombardi10 (192.00)
Cosine	BartakSR08 (0.83)	BartakSR10 (0.80)	BeckF00 (0.79)	OrnekO16 (0.77)	PapaB98 (0.77)
GoldwaserS17 R&C	KletzanderM17 (0.74)	SchnellH17 (0.93)	CambazardJ05 (0.94)	Hooker04 (0.95)	CobanH10 (0.95)
Euclid	GoldwaserS18 (0.23)	KletzanderM17 (0.25)	HoundjiSWD14 (0.29)	BockmayrP06 (0.29)	HebrardALLCMR22 (0.29)
Dot	GoldwaserS18 (88.00)	Froger16 (72.00)	MilanoW09 (71.00)	NaderiRR23 (69.00)	Lombardi10 (69.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	GoldwaserS18 (0.86)	KletzanderM17 (0.68)	BockmayrP06 (0.64)	BajestaniB11 (0.63)	Hooker06 (0.63)
GoldwaserS18 R&C	HamdiL13 (0.90)	CireCH13 (0.91)	TerekhovDOB12 (0.94)	CobanH10 (0.94)	Sadykov04 (0.95)
Euclid	GoldwaserS17 (0.23)	BockmayrP06 (0.34)	BeldiceanuP07 (0.34)	LozanoCDS12 (0.35)	ForbesHJST24 (0.35)
Dot	Godet21a (108.00)	Froger16 (104.00)	Lombardi10 (102.00)	MilanoW09 (100.00)	Fahimi16 (99.00)
Cosine	GoldwaserS17 (0.86)	ForbesHJST24 (0.68)	Hooker06 (0.66)	BockmayrP06 (0.66)	EreminW01 (0.65)
Goltz95 R&C	Colombani96 (0.75)	Simonis95a (0.79)	Wolf03 (0.80)	Simonis99 (0.84)	Zhou96 (0.86)
Euclid	CrawfordB94 (0.29)	Simonis95 (0.29)	SimonisC95 (0.30)	Caseau97 (0.30)	FoxAS82 (0.30)
Dot	Baptiste02 (102.00)	BosiM2001 (102.00)	Malapert11 (100.00)	AggounB93 (99.00)	Fahimi16 (96.00)
Cosine	AggounB93 (0.77)	SimonisC95 (0.75)	BosiM2001 (0.74)	Zhou97 (0.71)	Zhou96 (0.71)
GombolayWS18 R&C	HamP21 (0.94)	Hooker07 (0.95)	LiW08 (0.95)	CireCH16 (0.95)	Hooker04 (0.95)
Euclid	ZhangYW21 (0.40)	NaderiBZ22a (0.40)	BeckF98 (0.42)	HeinzNVH22 (0.43)	BeckPS03 (0.43)
Dot	ZarandiASC20 (204.00)	Groleaz21 (190.00)	Astrand21 (177.00)	Lombardi10 (170.00)	Dejemeppe16 (170.00)
Cosine	NaderiBZ22a (0.74)	ZhangYW21 (0.72)	BeckF98 (0.71)	JainM99 (0.68)	HeinzNVH22 (0.68)
GomesHS06 R&C					
Euclid	Hunsberger08 (0.19)	SunLYL10 (0.20)	QuSN06 (0.20)	AngelsmarkJ00 (0.22)	ChapadosJR11 (0.22)
Dot	BartakSR10 (50.00)	ZarandiASC20 (49.00)	LombardiMRB10 (47.00)	Beck99 (47.00)	PrataAN23 (46.00)
Cosine	QuSN06 (0.74)	HoeveGSL07 (0.73)	SunLYL10 (0.72)	PesantGPR99 (0.70)	AkramNHRSA23 (0.69)
GomesM17 R&C	CireCH16 (0.89)	CobanH10 (0.90)	GedikKEK18 (0.91)	CireCH13 (0.91)	TranAB16 (0.92)
Euclid	TranB12 (0.29)	TranAB16 (0.32)	BogaerdtW19 (0.33)	ParkUJR19 (0.35)	ThiruvadyBME09 (0.37)
Dot	ZarandiASC20 (146.00)	Groleaz21 (139.00)	TranAB16 (132.00)	NaderiRR23 (128.00)	Lunardi20 (126.00)
Cosine	TranB12 (0.81)	TranAB16 (0.81)	BogaerdtW19 (0.71)	GedikKEK18 (0.70)	NaderiBZ22 (0.69)
GongLMW09 R&C	CobanH10 (0.73)	HamdiL13 (0.77)	CireCH13 (0.80)	CobanH11 (0.84)	Beck10 (0.84)
Euclid					
Dot					
Cosine					
GrimesH10 R&C	GrimesH11 (0.65)	GrimesHM09 (0.70)	GrimesH15 (0.72)	ArtiguesBF04 (0.76)	DejemeppeCS15 (0.77)
Euclid	MalapertCGJLR13 (0.31)	ArtiguesBF04 (0.31)	SialaAH15 (0.32)	FocacciLN00 (0.32)	ArtiguesF07 (0.32)
Dot	Malapert11 (176.00)	GrimesH15 (171.00)	Groleaz21 (168.00)	Baptiste02 (165.00)	ZarandiASC20 (164.00)
Cosine	GrimesH15 (0.81)	ArtiguesBF04 (0.79)	FocacciLN00 (0.79)	GrimesH11 (0.79)	MalapertCGJLR13 (0.79)
GrimesH11 R&C	GrimesH10 (0.65)	GrimesH15 (0.77)	GrimesHM09 (0.83)	DannaP03 (0.88)	Laborie09 (0.88)
Euclid	GrimesH10 (0.34)	MonetteDH09 (0.35)	BeckR03 (0.35)	VilimLS15 (0.36)	CarchraeB09 (0.36)
Dot	Groleaz21 (196.00)	GrimesH15 (189.00)	Baptiste02 (186.00)	Dejemeppe16 (185.00)	Malapert11 (184.00)
Cosine	GrimesH15 (0.82)	GrimesH10 (0.79)	MonetteDH09 (0.77)	KelbelH11 (0.77)	BeckR03 (0.77)
GrimesH15 R&C	GrimesHM09 (0.70)	GrimesH10 (0.72)	GrimesH11 (0.77)	CarchraeB09 (0.81)	BaptisteLPN06 (0.83)
Euclid	GrimesH11 (0.37)	GrimesH10 (0.37)	MalapertCGJLR12 (0.41)	GrimesHM09 (0.43)	BartakSR08 (0.43)
Dot	Groleaz21 (259.00)	Dejemeppe16 (247.00)	ZarandiASC20 (245.00)	Malapert11 (236.00)	Baptiste02 (235.00)
Cosine	GrimesH11 (0.82)	GrimesH10 (0.81)	MalapertCGJLR12 (0.77)	NaderiRR23 (0.76)	GrimesHM09 (0.75)
GrimesHM09 R&C	WatsonB08 (0.62)	GrimesH10 (0.70)	GrimesH15 (0.70)	BeckFW11 (0.74)	MalapertCGJLR12 (0.78)
Euclid	MalapertCGJLR13 (0.28)	SialaAH15 (0.31)	Bit-Monnot23 (0.31)	MonetteDD07 (0.33)	MalapertCGJLR12 (0.33)
Dot	Malapert11 (160.00)	GrimesH15 (149.00)	Siala15a (142.00)	Fahimi16 (142.00)	Groleaz21 (136.00)
Cosine	MalapertCGJLR12 (0.80)	MalapertCGJLR13 (0.80)	Bit-Monnot23 (0.79)	SialaAH15 (0.77)	GrimesH10 (0.75)
GrimesIOS14 R&C	IfrimOS12 (0.81)				
Euclid	IfrimOS12 (0.26)	HurleyOS16 (0.30)	BockmayrP06 (0.32)	KinsellaS0OS16 (0.33)	AntunesABD18 (0.33)
Dot	ZarandiASC20 (107.00)	Groleaz21 (106.00)	Lombardi10 (104.00)	Astrand21 (99.00)	Baptiste02 (98.00)
Cosine	IfrimOS12 (0.78)	HurleyOS16 (0.72)	BockmayrP06 (0.67)	TranPZLDB18 (0.65)	QuirogaZH05 (0.64)
Groleaz21 R&C					
Euclid	GrimesH15 (0.62)	NaderiRR23 (0.62)	AwadMDMT22 (0.64)	PrataAN23 (0.64)	Astrand21 (0.64)
Dot	ZarandiASC20 (368.00)	Dejemeppe16 (324.00)	Baptiste02 (318.00)	Lunardi20 (293.00)	Astrand21 (293.00)
Cosine	GrimesH15 (0.70)	NaderiRR23 (0.70)	Astrand21 (0.69)	Lunardi20 (0.69)	Baptiste02 (0.68)
GroleazNS20 R&C	GroleazNS20a (0.79)	FetgoD22 (0.91)	GayHS15 (0.91)	LetortBC12 (0.92)	GayHS15a (0.92)
Euclid	GroleazNS20a (0.30)	Balduccini11 (0.36)	SmithC93 (0.36)	HeipckeCCS00 (0.36)	Limtanyakul07 (0.37)
Dot	Groleaz21 (184.00)	Dejemeppe16 (158.00)	ZarandiASC20 (139.00)	Lombardi10 (139.00)	Baptiste02 (134.00)
Cosine	GroleazNS20a (0.81)	GaySS14 (0.69)	HeipckeCCS00 (0.68)	Balduccini11 (0.68)	SmithC93 (0.68)
GroleazNS20a R&C	GroleazNS20 (0.79)	BaptisteB18 (0.81)	ColT19 (0.90)	OuelletQ13 (0.91)	PoderBS04 (0.94)
Euclid	GroleazNS20 (0.30)	GedikKBR17 (0.37)	Limtanyakul07 (0.38)	HeipckeCCS00 (0.38)	Laborie09 (0.38)
Dot	Groleaz21 (172.00)	Dejemeppe16 (147.00)	ZarandiASC20 (145.00)	Lunardi20 (138.00)	NaderiRR23 (129.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	GroleazNS20 (0.81)	Laborie09 (0.66)	GedikKEK18 (0.65)	GedikKBR17 (0.64)	AwadMDMT22 (0.64)
Gronkvist06 R&C	MilanoW06 (0.90)	BosiM2001 (0.93)	Milano11 (0.93)	Hooker06a (0.94)	JainG01 (0.94)
Euclid	ZibranR11a (0.27)	ZibranR11 (0.28)	ZhangLS12 (0.29)	ChapadosJR11 (0.29)	GelainPRVW17 (0.30)
Dot	ZarandiASC20 (84.00)	Fahimi16 (81.00)	Dejemeppe16 (80.00)	Lombardi10 (78.00)	HookerH17 (77.00)
Cosine	ZibranR11a (0.68)	HachemiGR11 (0.66)	ZibranR11 (0.65)	ChapadosJR11 (0.64)	FallahiAC20 (0.64)
GruianK98 R&C	KuchcinskiW03 (0.96)	LombardiMRB10 (0.98)			
Euclid	Simonis95 (0.27)	KuchcinskiW03 (0.30)	Simonis95a (0.30)	DincbasS91 (0.30)	ErtlK91 (0.31)
Dot	Simonis99 (90.00)	Kuchcinski03 (87.00)	Simonis07 (85.00)	Malapert11 (85.00)	Wallace96 (82.00)
Cosine	Simonis95a (0.73)	Simonis95 (0.70)	Simonis99 (0.68)	BeldiceanuC94 (0.68)	KuchcinskiW03 (0.66)
GuSS13 R&C	GuSSWC14 (0.51)	GuSW12 (0.60)	SchuttCSW12 (0.66)	ThiruvadyWGS14 (0.74)	SchuttFSW15 (0.83)
Euclid	GuSW12 (0.23)	SchuttCSW12 (0.26)	ThiruvadyWGS14 (0.30)	LombardiM13 (0.30)	BofillCSV17 (0.31)
Dot	ZarandiASC20 (94.00)	Lombardi10 (93.00)	Schutt11 (92.00)	Caballero19 (86.00)	Godet21a (85.00)
Cosine	GuSW12 (0.81)	SchuttCSW12 (0.78)	ThiruvadyWGS14 (0.73)	SchnellH15 (0.66)	SchnellH17 (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)	SchuttCSW12 (0.23)	BofillCSV17 (0.25)	LombardiM13 (0.25)	LeeKLKKYHP97 (0.27)
Dot	ZarandiASC20 (86.00)	Lombardi10 (84.00)	Schutt11 (84.00)	Godet21a (83.00)	Dejemeppe16 (82.00)
Cosine	SchuttCSW12 (0.81)	GuSS13 (0.81)	BofillCSV17 (0.76)	ThiruvadyWGS14 (0.72)	LombardiM13 (0.71)
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	ForbesHJST24 (0.42)	ElciOH22 (0.43)	RoshanaeiLAU17 (0.43)	CireCH13 (0.43)	NaderiBZR23 (0.44)
Dot	ZarandiASC20 (133.00)	HarjunkoskiMBC14 (126.00)	Groleaz21 (123.00)	LaborieRSV18 (122.00)	Lunardi20 (122.00)
Cosine	RoshanaeiLAU17 (0.66)	ForbesHJST24 (0.64)	NaderiBZR23 (0.64)	ElciOH22 (0.64)	Hooker19 (0.63)
GurEA19 R&C	GurPAE23 (0.85)	WangMD15 (0.88)	ZhaoL14 (0.91)	RoshanaeiBAUB20 (0.91)	DoulabiRP16 (0.91)
Euclid	GurPAE23 (0.24)	DoulabiRP16 (0.25)	RiiseML16 (0.29)	WangMD15 (0.30)	DoulabiRP14 (0.32)
Dot	ZarandiASC20 (100.00)	WangMD15 (95.00)	RoshanaeiLAU17 (93.00)	GurPAE23 (92.00)	RoshanaeiBAUB20 (92.00)
Cosine	GurPAE23 (0.83)	DoulabiRP16 (0.80)	RiiseML16 (0.77)	WangMD15 (0.77)	RoshanaeiBAUB20 (0.70)
GurPAE23 R&C	GurEA19 (0.85)	FarsiTM22 (0.92)	GhasemiMH23 (0.92)	PinarbasiA20 (0.94)	Alaka21 (0.95)
Euclid	GurEA19 (0.24)	DoulabiRP16 (0.27)	WangMD15 (0.30)	BourdaisGP03 (0.33)	RiiseML16 (0.33)
Dot	ZarandiASC20 (109.00)	WangMD15 (98.00)	RoshanaeiLAU17 (94.00)	FarsiTM22 (92.00)	GurEA19 (92.00)
Cosine	GurEA19 (0.83)	DoulabiRP16 (0.78)	WangMD15 (0.78)	RiiseML16 (0.70)	RoshanaeiLAU17 (0.69)
GuyonLPR12 R&C	MilanoW09 (0.84)	BajestaniB15 (0.88)	CobanH10 (0.89)	CireCH13 (0.89)	CireCH16 (0.89)
Euclid	KhayatLR06 (0.32)	TanSD10 (0.33)	BillautHL12 (0.33)	HeipckeCCS00 (0.33)	TanT18 (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)	TanSD10 (0.75)	BillautHL12 (0.74)	HeipckeCCS00 (0.74)
HachemiGR11 R&C	Limtanyakul07 (0.91)	EdisO11a (0.93)	Beck10 (0.93)	ChuX05 (0.94)	Wallace06 (0.94)
Euclid	ZibranR11a (0.31)	BeniniLMMR08 (0.32)	Puget95 (0.32)	LozanoCDS12 (0.32)	CorreaLR07 (0.32)
Dot	Dejemeppe16 (110.00)	Malapert11 (107.00)	ZarandiASC20 (106.00)	MilanoW09 (104.00)	LaborieRSV18 (103.00)
Cosine	QinDS16 (0.73)	NovasH12 (0.72)	MaraveliasCG04 (0.71)	NovasH14 (0.71)	ZeballosH05 (0.70)
Ham18 R&C	Ham18a (0.87)	Ham20 (0.93)	Ham20a (0.93)	OujanaAYB22 (0.94)	SadykovW06 (0.95)
Euclid	Ham20a (0.25)	Ham18a (0.28)	MakMS10 (0.31)	HamP21 (0.32)	JuvinHL23 (0.33)
Dot	ZarandiASC20 (137.00)	Groleaz21 (137.00)	Lunardi20 (134.00)	Malapert11 (126.00)	Astrand21 (125.00)
Cosine	Ham20a (0.83)	Ham18a (0.80)	HamP21 (0.74)	ZeballosH05 (0.72)	NovasH14 (0.72)
Ham18a R&C	NattafDYW19 (0.84)	Ham18 (0.87)	HamFC17 (0.89)	LaborieRSV18 (0.89)	Ham20 (0.91)
Euclid	Ham18 (0.28)	NattafDYW19 (0.29)	ArbaouiY18 (0.30)	HamFC17 (0.30)	Ham20a (0.31)
Dot	Groleaz21 (151.00)	ZarandiASC20 (147.00)	Lunardi20 (146.00)	Astrand21 (137.00)	Malapert11 (134.00)
Cosine	Ham18 (0.80)	NattafDYW19 (0.80)	HamFC17 (0.77)	ArbaouiY18 (0.77)	abs-2305-19888 (0.77)
Ham20 R&C	Ham20a (0.00)	HamP21 (0.91)	Ham18a (0.91)	Laborie18a (0.92)	LaborieRSV18 (0.93)
Euclid					
Dot					

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine					
Ham20a R&C	Ham20 (0.00)	HamP21 (0.91)	Ham18a (0.91)	Laborie18a (0.92)	LaborieRSV18 (0.93)
Euclid	Ham18 (0.25)	HamP21 (0.27)	BukchinR18 (0.29)	Ham18a (0.31)	HeipckeCCS00 (0.31)
Dot	Groleaz21 (127.00)	Lunardi20 (126.00)	ZarandiASC20 (126.00)	Astrand21 (126.00)	LaborieRSV18 (124.00)
Cosine	Ham18 (0.83)	HamP21 (0.81)	Ham18a (0.76)	HamFC17 (0.75)	BukchinR18 (0.74)
HamC16 R&C	LunardiBLRV20 (0.88)	HamFC17 (0.91)	ZhangW18 (0.92)	LaborieRSV18 (0.92)	MengZRZL20 (0.93)
Euclid	ArtiguesF07 (0.30)	ArtiguesBF04 (0.31)	BillautHL12 (0.32)	Ham18a (0.32)	QinWSLS21 (0.32)
Dot	ZarandiASC20 (145.00)	Lunardi20 (136.00)	MengZRZL20 (131.00)	Groleaz21 (127.00)	Malapert11 (123.00)
Cosine	ArtiguesF07 (0.78)	HamPK21 (0.75)	ArtiguesBF04 (0.75)	Ham18a (0.75)	QinWSLS21 (0.73)
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)	TanSD10 (0.32)	HamC16 (0.33)
Dot	ZarandiASC20 (142.00)	Groleaz21 (133.00)	Malapert11 (128.00)	AwadMDMT22 (128.00)	Astrand21 (122.00)
Cosine	Ham18a (0.77)	KoschB14 (0.75)	Ham20a (0.75)	AwadMDMT22 (0.72)	TanSD10 (0.72)
HamP21 R&C	LaborieRSV18 (0.85)	HeinzNVH22 (0.87)	LunardiBLRV20 (0.89)	ColT2019a (0.89)	MurinR19 (0.89)
Euclid	Ham20a (0.27)	Teppan22 (0.29)	HeipckeCCS00 (0.31)	LiFJZLL22 (0.31)	NishikawaSTT18 (0.32)
Dot	Lunardi20 (140.00)	ZarandiASC20 (133.00)	Groleaz21 (128.00)	LaborieRSV18 (127.00)	ColT22 (127.00)
Cosine	Ham20a (0.81)	Teppan22 (0.78)	LiFJZLL22 (0.75)	CarchraeB09 (0.74)	HeipckeCCS00 (0.74)
HamPK21 R&C	MengLZB21 (0.85)	HoYCLLCLC18 (0.88)	MengZRZL20 (0.89)	ZhangYW21 (0.90)	LunardiBLRV20 (0.92)
Euclid	ZhangYW21 (0.32)	HamC16 (0.35)	BillautHL12 (0.35)	MengGRZSC22 (0.36)	NaderiBZ22a (0.37)
Dot	ZarandiASC20 (195.00)	Lunardi20 (185.00)	Groleaz21 (179.00)	IsikYA23 (169.00)	MengZRZL20 (167.00)
Cosine	ZhangYW21 (0.79)	MengZRZL20 (0.78)	MengGRZSC22 (0.77)	HamC16 (0.75)	NaderiBZ22a (0.75)
HamdiL13 R&C	CireCH13 (0.42)	CobanH10 (0.71)	BeniniLMMR08 (0.73)	ChuX05 (0.74)	CobanH11 (0.75)
Euclid	CobanH11 (0.25)	HookerO03 (0.27)	ChuX05 (0.27)	Hooker06 (0.28)	Hooker05a (0.28)
Dot	Groleaz21 (127.00)	Baptiste02 (126.00)	Lombardi10 (121.00)	ZarandiASC20 (119.00)	PrataAN23 (118.00)
Cosine	CobanH11 (0.83)	Hooker06 (0.79)	HookerO03 (0.78)	ChuX05 (0.78)	Hooker05a (0.76)
Hamscher91 R&C					
Euclid	Baptiste09 (0.18)	AbrilSB05 (0.20)	Layfield02 (0.21)	MaraveliasG04 (0.21)	HebrardALLCMR22 (0.21)
Dot	Froger16 (26.00)	PopovicCGNC22 (22.00)	Timpe02 (21.00)	TerekhovDOB12 (21.00)	Jans09 (21.00)
Cosine	HebrardALLCMR22 (0.45)	Jans09 (0.44)	RossiTHP07 (0.44)	PopovicCGNC22 (0.44)	Baptiste09 (0.42)
HanenKP21 R&C	Tesch18 (0.79)	CarlierPSJ20 (0.83)	OuelletQ18 (0.83)	CarlierSJP21 (0.90)	FetgoD22 (0.91)
Euclid	CarlierPSJ20 (0.22)	HeipckeCCS00 (0.29)	Limtanyakul07 (0.30)	Tesch18 (0.31)	PoderBS04 (0.31)
Dot	Baptiste02 (154.00)	Lombardi10 (146.00)	Groleaz21 (140.00)	Dejemeppe16 (137.00)	Fahimi16 (136.00)
Cosine	CarlierPSJ20 (0.87)	HeipckeCCS00 (0.78)	Tesch18 (0.78)	BaptistePN99 (0.77)	ArkhipovBL19 (0.77)
HarjunkoskiG02 R&C	JainG01 (0.74)	RoePS05 (0.75)	MaraveliasCG04 (0.77)	HarjunkoskiJG00 (0.81)	Thorsteinsson01 (0.87)
Euclid	JainG01 (0.23)	Colombani96 (0.26)	Limtanyakul07 (0.28)	KrogtLPHJ07 (0.29)	DavenportKRSH07 (0.29)
Dot	Baptiste02 (122.00)	ZarandiASC20 (116.00)	Dejemeppe16 (116.00)	Malapert11 (114.00)	Beck99 (112.00)
Cosine	JainG01 (0.85)	Colombani96 (0.79)	KhayatLR06 (0.75)	DavenportKRSH07 (0.74)	Limtanyakul07 (0.74)
HarjunkoskiJG00 R&C	HarjunkoskiG02 (0.81)	JainG01 (0.87)	BockmayrK98 (0.89)	PintoG97 (0.92)	RoePS05 (0.92)
Euclid	RenT09 (0.26)	HebrardTW05 (0.28)	BofillGSV15 (0.28)	Davis87 (0.30)	PesantGPR99 (0.30)
Dot	HarjunkoskiMBC14 (74.00)	KanetAG04 (73.00)	JainG01 (73.00)	Malapert11 (73.00)	HookerO99 (73.00)
Cosine	HookerO99 (0.72)	RenT09 (0.72)	JainG01 (0.71)	HarjunkoskiG02 (0.68)	HookerOTK00 (0.63)
HarjunkoskiMBC14 R&C	NovaraNH16 (0.90)	ZeballosNH11 (0.91)	MaraveliasCG04 (0.92)	NovasH10 (0.92)	ZeballosCM10 (0.93)
Euclid	NovasH10 (0.49)	BidotVLB09 (0.50)	LopesCSM10 (0.51)	EscobetPQPRA19 (0.51)	BeckDDF98 (0.51)
Dot	Groleaz21 (231.00)	ZarandiASC20 (229.00)	Astrand21 (204.00)	Lombardi10 (200.00)	Dejemeppe16 (199.00)
Cosine	NovasH10 (0.68)	BeckDDF98 (0.67)	BidotVLB09 (0.66)	LopesCSM10 (0.64)	EscobetPQPRA19 (0.64)
HauderBRPA20 R&C	SchnellH17 (0.89)	SubulanC22 (0.92)	EdwardsBSE19 (0.92)	KreterSSZ18 (0.92)	SchnellH15 (0.93)
Euclid	abs-1902-09244 (0.12)	BeckPS03 (0.36)	MonetteDH09 (0.39)	LaborieR14 (0.39)	BeckR03 (0.39)
Dot	ZarandiASC20 (202.00)	abs-1902-09244 (200.00)	Dejemeppe16 (184.00)	Groleaz21 (183.00)	LaborieRSV18 (175.00)
Cosine	abs-1902-09244 (0.98)	BeckPS03 (0.76)	YuraszeckMCCR23 (0.73)	MonetteDH09 (0.72)	BeckR03 (0.72)
He0GLW18 R&C	MurphyMB15 (0.98)				
Euclid	Hunsberger08 (0.22)	AbrilSB05 (0.23)	Baptiste09 (0.24)	CarchraeBF05 (0.24)	FukunagaHFAMN02 (0.25)
Dot	ZarandiASC20 (52.00)	GombolayWS18 (50.00)	Lemos21 (45.00)	Zahout21 (42.00)	Beck99 (42.00)
Cosine	Hunsberger08 (0.60)	HoeveGSL07 (0.59)	LimHTB16 (0.52)	FukunagaHFAMN02 (0.51)	AbrilSB05 (0.51)
HebrardALLCMR22 R&C					
Euclid	Baptiste09 (0.16)	CarchraeBF05 (0.16)	FrostD98 (0.16)	ZibranR11 (0.17)	Davis87 (0.17)
Dot	Malapert11 (36.00)	BaptistePO0 (33.00)	DerrienPZ14 (33.00)	ClautiauxJCM08 (33.00)	Schutt11 (32.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	ZibranR11 (0.71)	ZibranR11a (0.68)	WolfS05 (0.67)	Baptiste09 (0.67)	PoderB08 (0.67)
HebrardHJMPV16 R&C	ElkhyariGJ02 (0.93)	BarlattCG08 (0.94)	BertholdHLMS10 (0.94)	WikarekS19 (0.95)	SchuttW10 (0.95)
Euclid	DoRZ08 (0.27)	CrawfordB94 (0.29)	LauLN08 (0.32)	LahimerLH11 (0.32)	BridiLBBM16 (0.32)
Dot	Godet21a (92.00)	GodetLHS20 (90.00)	Groleaz21 (90.00)	Baptiste02 (88.00)	Lunardi20 (87.00)
Cosine	DoRZ08 (0.70)	GodetLHS20 (0.69)	Ham18a (0.67)	TerekhovTDB14 (0.66)	CrawfordB94 (0.66)
HebrardTW05 R&C	Puget95 (0.80)	BeckF00a (0.85)	VilimBC04 (0.86)	VilimBC05 (0.88)	Vilim04 (0.88)
Euclid	AngelsmarkJ00 (0.12)	Baptiste09 (0.14)	KovacsEKV05 (0.15)	CarchraeBF05 (0.15)	Davis87 (0.16)
Dot	abs-2211-14492 (33.00)	KanetAG04 (33.00)	HeckmanB11 (33.00)	ZarandiASC20 (33.00)	Siala15a (33.00)
Cosine	Colombani96 (0.75)	CrawfordB94 (0.74)	Beck06 (0.74)	RenT09 (0.74)	WatsonB08 (0.73)
HechingH16 R&C	HamdiL13 (0.83)	CireCH13 (0.85)	Beck10 (0.90)	Sadykov04 (0.90)	BeniniLMMR08 (0.91)
Euclid	CireCH13 (0.25)	CireCH16 (0.26)	CambazardJ05 (0.28)	HookerO03 (0.29)	Hooker05b (0.29)
Dot	Lombardi10 (73.00)	NaderiBZR23 (73.00)	RoshanaeiBAUB20 (68.00)	Dejemeppe16 (68.00)	RoshanaeiN21 (66.00)
Cosine	CireCH13 (0.74)	CireCH16 (0.72)	NaderiBZR23 (0.66)	ForbesHJST24 (0.65)	CobanH11 (0.65)
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 (0.25)	BeckPS03 (0.25)
Dot	ZarandiASC20 (134.00)	Beck99 (134.00)	Dejemeppe16 (133.00)	Lombardi10 (128.00)	Baptiste02 (128.00)
Cosine	Beck07 (0.87)	BeckPS03 (0.84)	Beck06 (0.83)	WatsonB08 (0.83)	BeckDSF97a (0.83)
HeinzB12 R&C	HeinzKB13 (0.58)	HeinzS11 (0.69)	CobanH10 (0.82)	CireCH16 (0.84)	Hooker05a (0.86)
Euclid	HeinzKB13 (0.21)	CireCH13 (0.26)	HookerY02 (0.29)	ChuX05 (0.30)	Beck10 (0.31)
Dot	Lombardi10 (113.00)	MilanoW09 (106.00)	Groleaz21 (106.00)	LaborieRSV18 (103.00)	HookerH17 (103.00)
Cosine	HeinzKB13 (0.88)	CireCH13 (0.79)	HookerY02 (0.73)	ChuX05 (0.73)	Hooker05 (0.73)
HeinzKB13 R&C	HeinzB12 (0.58)	CireCH16 (0.79)	CireCH13 (0.84)	HeinzSB13 (0.85)	TranAB16 (0.87)
Euclid	CireCH13 (0.19)	HeinzB12 (0.21)	HookerY02 (0.21)	Beck10 (0.23)	ChuX05 (0.25)
Dot	MilanoW09 (92.00)	HookerH17 (91.00)	Lombardi10 (91.00)	HeinzB12 (91.00)	BajestaniB13 (89.00)
Cosine	HeinzB12 (0.88)	CireCH13 (0.86)	HookerY02 (0.82)	Beck10 (0.81)	ChuX05 (0.77)
HeinzNVH22 R&C	BenediktMH20 (0.81)	MurinR19 (0.81)	AbreuNP23 (0.83)	AwadMDMT22 (0.86)	HamP21 (0.87)
Euclid	abs-2305-19888 (0.13)	ArbaouiY18 (0.32)	BenderWS21 (0.33)	EdisO11 (0.34)	JuvinHL23 (0.34)
Dot	ZarandiASC20 (154.00)	Lunardi20 (153.00)	Groleaz21 (153.00)	Astrand21 (147.00)	IsikYA23 (145.00)
Cosine	abs-2305-19888 (0.96)	ArbaouiY18 (0.75)	GedikKEK18 (0.73)	OujanaAYB22 (0.72)	BenderWS21 (0.72)
HeinzS11 R&C	BertholdHLMS10 (0.65)	HeinzB12 (0.69)	HeinzSB13 (0.73)	SchuttFS13a (0.83)	SchuttW10 (0.85)
Euclid	BertholdHLMS10 (0.24)	Tesch16 (0.27)	CauwelaertLS15 (0.29)	OuelletQ18 (0.29)	HookerY02 (0.31)
Dot	Schutt11 (106.00)	Lombardi10 (102.00)	Godet21a (96.00)	Fahimi16 (92.00)	HeinzSB13 (91.00)
Cosine	BertholdHLMS10 (0.79)	Tesch16 (0.75)	OuelletQ18 (0.74)	HeinzSB13 (0.70)	CauwelaertLS15 (0.70)
HeinzSB13 R&C	HeinzS11 (0.73)	SchuttFS13a (0.84)	BertholdHLMS10 (0.85)	HeinzKB13 (0.85)	HeinzB12 (0.88)
Euclid	BertholdHLMS10 (0.33)	HeipckeCCS00 (0.36)	HeinzS11 (0.36)	SchnellH17 (0.37)	DemasseyAM05 (0.37)
Dot	Groleaz21 (157.00)	Godet21a (156.00)	Dejemeppe16 (147.00)	Schutt11 (145.00)	Lombardi10 (143.00)
Cosine	BertholdHLMS10 (0.77)	HeipckeCCS00 (0.72)	SchnellH17 (0.71)	ArkhipovBL19 (0.71)	DemasseyAM05 (0.71)
HeinzSSW12 R&C	GarganiR07 (0.60)	SchausHMCMD11 (0.69)	HentenryckM08 (0.70)	GaySS14 (0.90)	LetortCB13 (0.92)
Euclid	HentenryckM08 (0.20)	GarganiR07 (0.21)	Davis87 (0.27)	HebrardALLCMR22 (0.27)	ZibranR11 (0.28)
Dot	SchausHMCMD11 (52.00)	GarganiR07 (51.00)	Letort13 (46.00)	Lombardi10 (45.00)	Malapert11 (44.00)
Cosine	GarganiR07 (0.78)	HentenryckM08 (0.74)	SchausHMCMD11 (0.67)	SchausD08 (0.50)	AntunesABD18 (0.49)
HeipckeCCS00 R&C	SimonisC95 (0.95)	BruckerK00 (0.99)	AggounB93 (0.99)		
Euclid	KovacsV06 (0.22)	LiessM08 (0.24)	KovacsV04 (0.25)	Limtanyakul07 (0.26)	KhayatLR06 (0.26)
Dot	Baptiste02 (131.00)	Groleaz21 (129.00)	Lombardi10 (128.00)	Godet21a (128.00)	Dejemeppe16 (126.00)
Cosine	KovacsV06 (0.85)	LiessM08 (0.83)	VilimLS15 (0.81)	KovacsV04 (0.81)	KhayatLR06 (0.80)
HentenryckM04 R&C	KhemmoudjPB06 (0.91)	TanSD10 (0.92)	ArtiguesBF04 (0.92)	WatsonB08 (0.94)	CestaOPS14 (0.94)
Euclid	GodardLN05 (0.23)	Beck07 (0.25)	BeckPS03 (0.26)	VilimBC04 (0.26)	HeckmanB11 (0.28)
Dot	Dejemeppe16 (135.00)	Groleaz21 (133.00)	Baptiste02 (133.00)	Malapert11 (131.00)	Fahimi16 (130.00)
Cosine	GodardLN05 (0.85)	Beck07 (0.83)	BeckPS03 (0.82)	MonetteDH09 (0.80)	VilimBC04 (0.80)
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 (0.24)	SmithBHW96 (0.24)
Dot	SchausHMCMD11 (48.00)	GaySS14 (46.00)	GarganiR07 (44.00)	HeinzSSW12 (36.00)	Dejemeppe16 (36.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	GarganiR07 (0.79)	HeinzSSW12 (0.74)	SchausHMCMD11 (0.73)	GaySS14 (0.62)	ZhangLS12 (0.53)
HermenierDL11 R&C	Simonis95 (0.88)	PoderBS04 (0.92)	SimonisH11 (0.93)	FontaineMH16 (0.94)	Simonis95a (0.94)
Euclid	WolfS05 (0.26)	BockmayrP06 (0.26)	PoderBS04 (0.27)	LozanoCDS12 (0.27)	QuSN06 (0.27)
Dot	Godet21a (88.00)	Lombardi10 (86.00)	Malapert11 (86.00)	Groleaz21 (83.00)	Schutt11 (82.00)
Cosine	PoderBS04 (0.71)	WolfS05 (0.71)	BockmayrP06 (0.71)	LozanoCDS12 (0.69)	HladikCDJ08 (0.68)
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)	DemasseyAM05 (0.29)	KovacsV06 (0.30)	LiessM08 (0.30)	ArkhipovBL19 (0.30)
Dot	ZarandiASC20 (151.00)	Groleaz21 (145.00)	Lombardi10 (141.00)	Schutt11 (137.00)	Godet21a (137.00)
Cosine	DemasseyAM05 (0.79)	ArkhipovBL19 (0.79)	HeipckeCCS00 (0.78)	LiessM08 (0.77)	KovacsV06 (0.76)
HladikCDJ08 R&C	CambazardHDJT04 (0.70)	CambazardJ05 (0.83)	CireCH13 (0.85)	Hooker05 (0.85)	Hooker05a (0.85)
Euclid	CambazardHDJT04 (0.21)	BeniniLMR08 (0.31)	EmeretlisTAV17 (0.33)	BeniniBGM05 (0.33)	LozanoCDS12 (0.33)
Dot	Lombardi10 (135.00)	ZarandiASC20 (129.00)	Froger16 (116.00)	Godet21a (114.00)	Beck99 (112.00)
Cosine	CambazardHDJT04 (0.89)	EmeretlisTAV17 (0.74)	BeniniLMR08 (0.74)	BeniniBGM05 (0.73)	BeniniLMR11 (0.69)
HoYCLLCLC18 R&C	HamPK21 (0.88)	FrohnerTR19 (0.90)	WatsonB08 (0.94)	MusliuSS18 (0.95)	RendlPHPR12 (0.96)
Euclid	LudwigKRBMS14 (0.22)	FukunagaHFAMN02 (0.22)	AngelsmarkJ00 (0.23)	BourdaisGP03 (0.24)	CrawfordB94 (0.24)
Dot	ZarandiASC20 (69.00)	Dejemeppe16 (60.00)	Lombardi10 (59.00)	Astrand21 (58.00)	RoshanaeiLAU17 (57.00)
Cosine	ShinBBHO18 (0.76)	BourdaisGP03 (0.70)	LudwigKRBMS14 (0.69)	FukunagaHFAMN02 (0.66)	IfrimOS12 (0.66)
HoeveGSL07 R&C					
Euclid	GomesHS06 (0.24)	NishikawaSTT18 (0.25)	NishikawaSTT18a (0.25)	QuSN06 (0.25)	NishikawaSTT19 (0.26)
Dot	Beck99 (93.00)	ZarandiASC20 (89.00)	BartakSR10 (88.00)	GombolayWS18 (86.00)	LaborieRSV18 (85.00)
Cosine	NishikawaSTT19 (0.76)	NishikawaSTT18 (0.76)	NishikawaSTT18a (0.76)	GomesHS06 (0.73)	Pape94 (0.72)
Hooker00 R&C	JainG01 (0.89)	HookerO99 (0.91)	Hooker07 (0.91)	Thorsteinsson01 (0.91)	BockmayrK98 (0.91)
Euclid					
Dot					
Cosine					
Hooker02 R&C	HookerO99 (0.72)	JainG01 (0.80)	Hooker06a (0.84)	Thorsteinsson01 (0.86)	Hooker05b (0.86)
Euclid					
Dot					
Cosine					
Hooker04 R&C	Hooker05a (0.44)	Hooker05 (0.55)	Hooker07 (0.67)	Hooker06 (0.68)	CambazardHDJT04 (0.68)
Euclid	Hooker07 (0.16)	Hooker05 (0.20)	Hooker05a (0.20)	Hooker06 (0.21)	CireCH16 (0.23)
Dot	Hooker07 (117.00)	Lombardi10 (117.00)	Hooker05 (113.00)	LaborieRSV18 (102.00)	Groleaz21 (101.00)
Cosine	Hooker07 (0.94)	Hooker05 (0.90)	Hooker06 (0.88)	Hooker05a (0.87)	CireCH16 (0.83)
Hooker05 R&C	Hooker05a (0.49)	Hooker04 (0.55)	Hooker07 (0.57)	ChuX05 (0.58)	Hooker06 (0.61)
Euclid	Hooker07 (0.19)	Hooker04 (0.20)	Hooker06 (0.23)	Hooker05a (0.26)	BeniniLMMR08 (0.29)
Dot	Lombardi10 (149.00)	Hooker07 (132.00)	Beck99 (129.00)	Baptiste02 (128.00)	LaborieRSV18 (127.00)
Cosine	Hooker07 (0.92)	Hooker04 (0.90)	Hooker06 (0.87)	Hooker05a (0.84)	BeniniLMMR08 (0.79)
Hooker05a R&C	Hooker04 (0.44)	Hooker05 (0.49)	CambazardJ05 (0.58)	BeniniBGM05 (0.62)	Hooker06 (0.64)
Euclid	Hooker06 (0.12)	Hooker07 (0.19)	Hooker04 (0.20)	BockmayrP06 (0.24)	CireCH16 (0.25)
Dot	Lombardi10 (106.00)	Hooker07 (104.00)	Hooker06 (100.00)	Groleaz21 (100.00)	Baptiste02 (100.00)
Cosine	Hooker06 (0.97)	Hooker07 (0.92)	Hooker04 (0.87)	Hooker05 (0.84)	CobanH11 (0.78)
Hooker05b R&C	Hooker05 (0.67)	Hooker05a (0.70)	Hooker04 (0.73)	CambazardJ05 (0.74)	Hooker07 (0.76)
Euclid	ZibranR11 (0.24)	CambazardJ05 (0.24)	ZhangLS12 (0.24)	Davis87 (0.25)	BenoistGR02 (0.25)
Dot	Lombardi10 (56.00)	Froger16 (55.00)	Lemos21 (53.00)	HookerH17 (52.00)	MilanoW09 (51.00)
Cosine	ZhangLS12 (0.65)	HookerOTK00 (0.63)	Thorsteinsson01 (0.63)	CireCH13 (0.62)	ZibranR11 (0.62)
Hooker06 R&C	Hooker07 (0.57)	Hooker05 (0.61)	CobanH11 (0.63)	CireCH13 (0.63)	Hooker05a (0.64)
Euclid	Hooker05a (0.12)	Hooker07 (0.16)	Hooker04 (0.21)	Hooker05 (0.23)	CireCH16 (0.26)
Dot	Lombardi10 (128.00)	Hooker07 (123.00)	Baptiste02 (118.00)	Dejemeppe16 (117.00)	Groleaz21 (116.00)
Cosine	Hooker05a (0.97)	Hooker07 (0.94)	Hooker04 (0.88)	Hooker05 (0.87)	CobanH11 (0.80)
Hooker06a R&C	Hooker05b (0.83)	Hooker02 (0.84)	Hooker07 (0.88)	CastroGR10 (0.89)	CireCH16 (0.89)
Euclid					
Dot					

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine					
Hooker07 R&C	Hooker06 (0.57)	Hooker05 (0.57)	Hooker05a (0.64)	CireCH13 (0.66)	Hooker04 (0.67)
Euclid	Hooker06 (0.16)	Hooker04 (0.16)	Hooker05 (0.19)	Hooker05a (0.19)	CireCH16 (0.27)
Dot	Lombardi10 (145.00)	Hooker05 (132.00)	LaborieRSV18 (131.00)	Baptiste02 (130.00)	Groleaz21 (129.00)
Cosine	Hooker04 (0.94)	Hooker06 (0.94)	Hooker05a (0.92)	Hooker05 (0.92)	CireCH16 (0.82)
Hooker10 R&C	CireCH16 (0.90)	CireCH13 (0.90)	Simonis07 (0.91)	Hooker05a (0.91)	Hooker05 (0.92)
Euclid					
Dot					
Cosine					
Hooker17 R&C	BogaerdtW19 (0.78)	HechingH16 (0.94)	HookerH17 (0.94)	TranVNB17 (0.94)	CireCH16 (0.95)
Euclid	HebrardTW05 (0.18)	Baptiste09 (0.18)	CestaOS98 (0.19)	WuBB05 (0.20)	KovacsEKV05 (0.20)
Dot	Dejemeppe16 (46.00)	Groleaz21 (44.00)	KelbelH11 (43.00)	Lombardi10 (43.00)	abs-1902-09244 (42.00)
Cosine	Balduccini11 (0.69)	CobanH10 (0.66)	SmithC93 (0.65)	DannaP03 (0.65)	PerronSF04 (0.64)
Hooker19 R&C					
Euclid	ElciOH22 (0.32)	CobanH11 (0.34)	ForbesHJST24 (0.36)	Hooker06 (0.37)	Hooker07 (0.37)
Dot	ZarandiASC20 (169.00)	Lombardi10 (162.00)	Groleaz21 (155.00)	LaborieRSV18 (150.00)	Astrand21 (147.00)
Cosine	ElciOH22 (0.80)	CobanH11 (0.77)	ForbesHJST24 (0.74)	Hooker07 (0.73)	Hooker06 (0.72)
HookerH17 R&C	CireCH16 (0.88)	CastroGR10 (0.88)	CobanH11 (0.91)	CireCH13 (0.92)	Hooker06a (0.92)
Euclid	HookerOTK00 (0.49)	MilanoW06 (0.49)	MilanoW09 (0.49)	Hooker19 (0.49)	FontaineMH16 (0.50)
Dot	Lombardi10 (203.00)	Dejemeppe16 (202.00)	Baptiste02 (196.00)	ZarandiASC20 (195.00)	Fahimi16 (183.00)
Cosine	MilanoW09 (0.68)	MilanoW06 (0.68)	HookerOTK00 (0.66)	Hooker19 (0.66)	Wallace96 (0.64)
HookerO03 R&C	Hooker07 (0.80)	JainG01 (0.88)	Thorsteinsson01 (0.88)	ZarandiB12 (0.91)	RoshanaeiLAU17 (0.92)
Euclid	Thorsteinsson01 (0.21)	HookerY02 (0.21)	CireCH13 (0.21)	Beck10 (0.25)	ChuX05 (0.25)
Dot	Lombardi10 (90.00)	HookerH17 (90.00)	MilanoW09 (83.00)	MilanoW06 (80.00)	Hooker19 (80.00)
Cosine	Thorsteinsson01 (0.83)	CireCH13 (0.81)	HookerY02 (0.79)	HamdiL13 (0.78)	Hooker06 (0.77)
HookerO99 R&C	Hooker02 (0.72)	BockmayrK98 (0.82)	RodosekWH99 (0.87)	HookerOTK00 (0.89)	JainG01 (0.90)
Euclid	RodosekWH99 (0.30)	HookerOTK00 (0.31)	HarjunkoskiJG00 (0.31)	FontaineMH16 (0.32)	CireCH13 (0.33)
Dot	Malapert11 (114.00)	Lombardi10 (109.00)	Baptiste02 (109.00)	HookerH17 (106.00)	Siala15a (103.00)
Cosine	Zhou97 (0.74)	RodosekWH99 (0.74)	HookerOTK00 (0.73)	HarjunkoskiJG00 (0.72)	FontaineMH16 (0.72)
HookerOTK00 R&C	BockmayrK98 (0.89)	HookerO99 (0.89)	BenoistGR02 (0.91)	Thorsteinsson01 (0.93)	Hooker02 (0.94)
Euclid	HookerY02 (0.27)	Puget95 (0.27)	HookerO03 (0.27)	Thorsteinsson01 (0.28)	CireCH13 (0.29)
Dot	HookerH17 (103.00)	Lombardi10 (93.00)	Dejemeppe16 (89.00)	Godet21a (86.00)	Baptiste02 (85.00)
Cosine	HookerO99 (0.73)	Thorsteinsson01 (0.71)	HookerO03 (0.70)	JainG01 (0.69)	HookerY02 (0.69)
HookerY02 R&C	Hooker05b (0.78)	BockmayrP06 (0.79)	Thorsteinsson01 (0.82)	Hooker04 (0.85)	MilanoORT02 (0.86)
Euclid	HeinzKB13 (0.21)	ChuX05 (0.21)	HookerO03 (0.21)	Limtanyakul07 (0.23)	BertholdHLMS10 (0.24)
Dot	HookerH17 (83.00)	Lombardi10 (80.00)	Hooker19 (75.00)	Demassey03 (74.00)	Froger16 (74.00)
Cosine	HeinzKB13 (0.82)	ChuX05 (0.81)	HookerO03 (0.79)	Beck10 (0.78)	ForbesHJST24 (0.76)
HoundjiSW19 R&C	HoundjiSWD14 (0.79)	CauwelaertDMS16 (0.90)	PesantRR15 (0.92)	CauwelaertLS18 (0.95)	CauwelaertDS20 (0.95)
Euclid	HoundjiSWD14 (0.20)	BockmayrP06 (0.27)	Limtanyakul07 (0.31)	KrogtLPHJ07 (0.31)	BofillGSV15 (0.31)
Dot	Dejemeppe16 (98.00)	MilanoW09 (91.00)	MilanoW06 (91.00)	Simonis07 (84.00)	Malapert11 (82.00)
Cosine	HoundjiSWD14 (0.84)	BockmayrP06 (0.72)	MilanoW06 (0.65)	MilanoW09 (0.63)	Simonis07 (0.62)
HoundjiSWD14 R&C	SimonisH11 (0.75)	HoundjiSW19 (0.79)	CauwelaertLS15 (0.82)	GaySS14 (0.83)	GayHLS15 (0.84)
Euclid	HoundjiSW19 (0.20)	FoxAS82 (0.25)	Davis87 (0.25)	KrogtLPHJ07 (0.27)	BofillGSV15 (0.27)
Dot	Dejemeppe16 (72.00)	HoundjiSW19 (61.00)	MilanoW09 (58.00)	MilanoW06 (58.00)	BajestaniB13 (58.00)
Cosine	HoundjiSW19 (0.84)	FoxAS82 (0.64)	KrogtLPHJ07 (0.63)	BockmayrP06 (0.63)	GoldwaserS17 (0.61)
HubnerGSV21 R&C	LimtanyakulS12 (0.94)	SchnellH17 (0.95)	HauderBRPA20 (0.95)	KreterSSZ18 (0.96)	LombardiM09 (0.96)
Euclid	CampeauG22 (0.32)	LiessM08 (0.35)	HeipckeCCS00 (0.36)	SubulanC22 (0.36)	NishikawaSTT19 (0.37)
Dot	Groleaz21 (167.00)	ZarandiASC20 (164.00)	Lombardi10 (151.00)	Astrand21 (151.00)	Dejemeppe16 (146.00)
Cosine	SubulanC22 (0.77)	CampeauG22 (0.76)	LiessM08 (0.73)	abs-1902-09244 (0.73)	EtminaniesfahaniGNMS22 (0.72)
Hunsberger08 R&C					
Euclid	CarchraeBF05 (0.15)	AngelsmarkJ00 (0.16)	Baptiste09 (0.16)	LiuJ06 (0.16)	SunLYL10 (0.17)
Dot	ZarandiASC20 (39.00)	Lemos21 (36.00)	GombolayWS18 (36.00)	LombardiMRB10 (34.00)	Astrand21 (34.00)
Cosine	SunLYL10 (0.79)	CarchraeBF05 (0.69)	RoweJCA96 (0.69)	AngelsmarkJ00 (0.68)	GomesHS06 (0.67)
HurleyOS16 R&C	GalleguillosKSB19 (0.95)	IfrimOS12 (0.97)	BridiBLMB16 (0.97)	LimHTB16 (0.97)	
Euclid	BockmayrP06 (0.25)	IfrimOS12 (0.25)	QuSN06 (0.27)	AkramNHRSA23 (0.27)	MurphyMB15 (0.27)
Dot	Groleaz21 (79.00)	BorghesiBLMB18 (77.00)	Lemos21 (76.00)	Beck99 (76.00)	ZarandiASC20 (75.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BorghesiBLMB18 (0.75)	BockmayrP06 (0.74)	IfrimOS12 (0.73)	GrimesIOS14 (0.72)	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)	HurleyOS16 (0.25)	FoxAS82 (0.25)	HoYCLLCLC18 (0.26)	GrimesIOS14 (0.26)
Dot	ZarandiASC20 (78.00)	Groleaz21 (78.00)	Froger16 (72.00)	GrimesIOS14 (71.00)	Astrand21 (71.00)
Cosine	GrimesIOS14 (0.78)	HurleyOS16 (0.73)	TranPZLDB18 (0.71)	KinsellaS0OS16 (0.68)	FoxAS82 (0.66)
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)	ZhangJZL22 (0.46)
Dot	ZarandiASC20 (276.00)	Lunardi20 (246.00)	Groleaz21 (245.00)	Dejemeppe16 (228.00)	MengZRZL20 (225.00)
Cosine	MengZRZL20 (0.82)	YunusogluY22 (0.80)	Novas19 (0.77)	MengLZB21 (0.75)	Lunardi20 (0.75)
JainG01 R&C	HarjunkoskiG02 (0.74)	Thorsteinsson01 (0.74)	Hooker02 (0.80)	CastroGR10 (0.81)	MaraveliasCG04 (0.84)
Euclid	HarjunkoskiG02 (0.23)	Colombani96 (0.30)	Hooker05a (0.30)	Thorsteinsson01 (0.31)	Hooker06 (0.31)
Dot	Baptiste02 (132.00)	ZarandiASC20 (123.00)	Groleaz21 (117.00)	MilanoW06 (116.00)	Malapert11 (115.00)
Cosine	HarjunkoskiG02 (0.85)	ArtiguesLH13 (0.75)	Colombani96 (0.75)	Hooker06 (0.75)	Hooker05a (0.74)
JainM99 R&C	BlazewiczDP96 (0.66)	DomdorfPH03 (0.86)	DorndorfPH99 (0.88)	ColT22 (0.89)	DorndorfHP99 (0.93)
Euclid	BlazewiczDP96 (0.37)	MenciaSV13 (0.39)	MalapertCGJLR13 (0.40)	KotaryFH22 (0.41)	GrimesH10 (0.41)
Dot	ZarandiASC20 (234.00)	Groleaz21 (212.00)	Astrand21 (193.00)	Baptiste02 (192.00)	Lunardi20 (186.00)
Cosine	BlazewiczDP96 (0.80)	MenciaSV13 (0.73)	BartakSR10 (0.72)	BeckF98 (0.72)	GrimesH10 (0.71)
Jans09 R&C	CastroGR10 (0.94)	ChenGPSH10 (0.94)	CobanH11 (0.95)	CireCH16 (0.95)	CobanH10 (0.95)
Euclid	LauLN08 (0.28)	BenediktSMVH18 (0.29)	BogaerdtW19 (0.31)	CrawfordB94 (0.31)	DavenportKRSH07 (0.31)
Dot	ZarandiASC20 (92.00)	Groleaz21 (91.00)	Astrand21 (87.00)	PrataAN23 (83.00)	Baptiste02 (80.00)
Cosine	DavenportKRSH07 (0.67)	ArbaouiY18 (0.66)	LauLN08 (0.66)	BogaerdtW19 (0.66)	BenediktSMVH18 (0.65)
JelinekB16 R&C	ReddyFIBKAJ11 (0.92)	BoothTNB16 (0.96)	BaptisteLPN06 (0.97)	HarjunkoskiMBC14 (0.99)	
Euclid	AngelsmarkJ00 (0.19)	CarchraeBF05 (0.19)	FrostD98 (0.19)	Davis87 (0.20)	LiuJ06 (0.21)
Dot	Baptiste02 (47.00)	Lombardi10 (43.00)	Simonis99 (41.00)	ZarandiASC20 (38.00)	Schutt11 (38.00)
Cosine	FalaschiGMP97 (0.61)	AngelsmarkJ00 (0.60)	FukunagaHFAMN02 (0.60)	FrostD98 (0.58)	CarchraeBF05 (0.57)
JoLLH99 R&C					
Euclid	TranDRFWOVB16 (0.25)	AngelsmarkJ00 (0.29)	Rit86 (0.30)	BartakV15 (0.30)	Davis87 (0.30)
Dot	ZarandiASC20 (85.00)	Fahimi16 (76.00)	Baptiste02 (75.00)	Beck99 (74.00)	Lombardi10 (73.00)
Cosine	TranDRFWOVB16 (0.72)	BartakV15 (0.64)	Simonis95a (0.62)	Wallace96 (0.61)	MorgadoM97 (0.61)
Johnston05 R&C					
Euclid	LudwigKRBMS14 (0.29)	FrankK05 (0.29)	FukunagaHFAMN02 (0.29)	AngelsmarkJ00 (0.29)	BonfiettiM12 (0.29)
Dot	ZarandiASC20 (70.00)	LaborieRSV18 (68.00)	Astrand21 (68.00)	Lombardi10 (66.00)	HarjunkoskiMBC14 (64.00)
Cosine	FrankK05 (0.66)	PembertonG98 (0.65)	SimoninAHL12 (0.65)	ReddyFIBKAJ11 (0.63)	Bonfietti16 (0.61)
JourdanFRD94 R&C					
Euclid					
Dot					
Cosine					
JungblutK22 R&C					
Euclid	GomesHS06 (0.24)	FukunagaHFAMN02 (0.24)	AngelsmarkJ00 (0.25)	CarchraeBF05 (0.25)	BockmayrP06 (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 (0.69)	AkramNHRSA23 (0.66)	BridiLBBM16 (0.63)
Junker00 R&C					
Euclid	Muscettola94 (0.26)	OddiS97 (0.26)	BartakCS10 (0.26)	LeeKLKKYHP97 (0.26)	BeckDSF97a (0.26)
Dot	Beck99 (88.00)	Baptiste02 (88.00)	ZarandiASC20 (86.00)	Lombardi10 (86.00)	Fahimi16 (85.00)
Cosine	BeckDSF97a (0.76)	BeckDSF97 (0.75)	BeckPS03 (0.74)	SadehF96 (0.74)	Muscettola94 (0.74)
JussienL02 R&C	MalapertCGJLR12 (0.86)	Colombani96 (0.86)	Zhou96 (0.87)	BeckF00 (0.88)	Dorndorf2000 (0.90)
Euclid	MalapertCGJLR13 (0.29)	KovacsV04 (0.31)	GarridoAO09 (0.31)	BarbulescuWH04 (0.31)	Bartak02 (0.33)
Dot	ZarandiASC20 (142.00)	Godet21a (128.00)	Groleaz21 (125.00)	Baptiste02 (125.00)	Lombardi10 (124.00)
Cosine	MalapertCGJLR13 (0.77)	KovacsV04 (0.74)	GarridoAO09 (0.74)	BarbulescuWH04 (0.72)	KhayatLR06 (0.71)
JuvinHHL23 R&C					
Euclid	MenciaSV13 (0.38)	JuvinHL22 (0.39)	TorresL00 (0.40)	JuvinHL23a (0.41)	TanSD10 (0.41)
Dot	Baptiste02 (203.00)	Godet21a (198.00)	Malapert11 (197.00)	Groleaz21 (195.00)	Dejemeppe16 (190.00)
Cosine	JuvinHL22 (0.77)	MenciaSV13 (0.77)	JuvinHL23a (0.75)	TorresL00 (0.74)	PapaB98 (0.74)
JuvinHL22 R&C	NaderiR22 (0.86)	SourdN00 (0.88)	MullerMKP22 (0.91)	NaderiRR23 (0.91)	Wolf03 (0.92)
Euclid	JuvinHL23a (0.24)	TanT18 (0.36)	GuyonLPR12 (0.37)	NaderiBZ22a (0.37)	MenciaSV13 (0.38)
Dot	Groleaz21 (196.00)	Baptiste02 (192.00)	ZarandiASC20 (189.00)	JuvinHL23a (189.00)	NaderiRR23 (179.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	JuvinHL23a (0.91)	NaderiBZ22a (0.77)	JuvinHHL23 (0.77)	TanT18 (0.77)	GuyonLPR12 (0.76)
JuvinHL23 R&C	KuB16 (0.96)	BillautHL12 (0.97)	NaderiRR23 (0.97)	GrimesH10 (0.97)	BriandHHL08 (0.97)
Euclid	ParkUJR19 (0.26)	BillautHL12 (0.27)	LiFJZLL22 (0.28)	WessenCS20 (0.28)	HamdiL13 (0.29)
Dot	Lunardi20 (122.00)	Groleaz21 (120.00)	ZarandiASC20 (111.00)	ColT22 (109.00)	Astrand21 (108.00)
Cosine	ParkUJR19 (0.80)	LiFJZLL22 (0.79)	BillautHL12 (0.76)	CzerniachowskaWZ23 (0.76)	HamdiL13 (0.75)
JuvinHL23a R&C	NaderiR22 (0.84)	SourdN00 (0.89)	NaderiRR23 (0.91)	MullerMKP22 (0.92)	ColT22 (0.93)
Euclid	JuvinHL22 (0.24)	NaderiBZ22a (0.36)	Teppan22 (0.38)	GuyonLPR12 (0.39)	MenciaSV13 (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 (0.75)	GuyonLPR12 (0.73)	Teppan22 (0.72)
KamarainenS02 R&C	KhemmoudjPB06 (0.86)	Wallace06 (0.88)	EreminW01 (0.89)	CestaOPS14 (0.90)	AjiliW04 (0.92)
Euclid	ZibranR11 (0.26)	ZibranR11a (0.27)	MakMS10 (0.27)	Puget95 (0.29)	ZhangLS12 (0.29)
Dot	ZarandiASC20 (100.00)	Beck99 (93.00)	Dejemeppe16 (90.00)	Lombardi10 (88.00)	Astrand21 (88.00)
Cosine	SakkoutW00 (0.75)	HeckmanB11 (0.72)	MakMS10 (0.70)	ZibranR11 (0.68)	ZibranR11a (0.68)
Kameugne14 R&C					
Euclid	KameugneFSN14 (0.38)	Demassey03 (0.39)	KameugneFND23 (0.40)	GayHS15a (0.41)	Clercq12 (0.41)
Dot	Malapert11 (197.00)	Fahimi16 (197.00)	Baptiste02 (188.00)	Schutt11 (186.00)	Demassey03 (173.00)
Cosine	Demassey03 (0.77)	KameugneFSN14 (0.76)	KameugneFND23 (0.74)	Clercq12 (0.73)	Fahimi16 (0.72)
Kameugne15 R&C					
Euclid	Caseau97 (0.22)	Vilim09a (0.23)	Vilim02 (0.24)	KameugneF13 (0.24)	CestaOS98 (0.24)
Dot	Schutt11 (63.00)	Dejemeppe16 (63.00)	Baptiste02 (63.00)	Fahimi16 (63.00)	FahimiOQ18 (62.00)
Cosine	Vilim09a (0.71)	GayHS15a (0.70)	Vilim09 (0.70)	OuelletQ13 (0.68)	Caseau97 (0.67)
KameugneF13 R&C	OuelletQ18 (0.60)	OuelletQ13 (0.61)	KameugneFSN11 (0.62)	SchuttW10 (0.62)	Vilim09a (0.64)
Euclid	MaraveliasG04 (0.13)	Baptiste09 (0.16)	AbrilSB05 (0.16)	CarchraeBF05 (0.16)	AngelsmarkJ00 (0.16)
Dot	MercierH07 (18.00)	Baptiste02 (18.00)	KameugneFSN14 (17.00)	Lombardi10 (17.00)	Dejemeppe16 (17.00)
Cosine	PoderB08 (0.58)	SchuttWS05 (0.55)	ChuGNSW13 (0.53)	BeldiceanuP07 (0.53)	CarlierPSJ20 (0.53)
KameugneFGOQ18 R&C	Tesch16 (0.61)	OuelletQ18 (0.64)	GayHS15a (0.67)	Tesch18 (0.68)	FetgoD22 (0.72)
Euclid	KameugneFND23 (0.23)	FetgoD22 (0.26)	OuelletQ13 (0.27)	SchuttW10 (0.30)	OuelletQ18 (0.30)
Dot	Baptiste02 (144.00)	Fahimi16 (142.00)	Schutt11 (138.00)	FetgoD22 (138.00)	KameugneFND23 (136.00)
Cosine	KameugneFND23 (0.89)	FetgoD22 (0.86)	OuelletQ13 (0.82)	SchuttW10 (0.78)	OuelletQ18 (0.77)
KameugneFND23 R&C					
Euclid	OuelletQ13 (0.22)	KameugneFGOQ18 (0.23)	FetgoD22 (0.23)	GingrasQ16 (0.27)	KameugneFSN14 (0.28)
Dot	Schutt11 (163.00)	FetgoD22 (155.00)	Baptiste02 (154.00)	Fahimi16 (152.00)	Malapert11 (149.00)
Cosine	FetgoD22 (0.90)	OuelletQ13 (0.89)	KameugneFGOQ18 (0.89)	GingrasQ16 (0.84)	KameugneFSN14 (0.84)
KameugneFSN11 R&C	Vilim09 (0.58)	KameugneF13 (0.62)	SchuttW10 (0.63)	KameugneFSN14 (0.68)	OuelletQ13 (0.69)
Euclid	KameugneFSN14 (0.21)	OuelletQ13 (0.26)	SchuttW10 (0.26)	OuelletQ18 (0.29)	GingrasQ16 (0.29)
Dot	Fahimi16 (128.00)	Schutt11 (127.00)	Baptiste02 (126.00)	Dejemeppe16 (123.00)	Lombardi10 (121.00)
Cosine	KameugneFSN14 (0.90)	OuelletQ13 (0.82)	SchuttW10 (0.81)	KameugneFND23 (0.78)	OuelletQ18 (0.76)
KameugneFSN14 R&C	OuelletQ13 (0.54)	OuelletQ18 (0.56)	SchuttW10 (0.63)	FahimiOQ18 (0.65)	LetortBC12 (0.66)
Euclid	KameugneFSN11 (0.21)	GingrasQ16 (0.27)	KameugneFND23 (0.28)	OuelletQ13 (0.28)	SchuttW10 (0.29)
Dot	Schutt11 (148.00)	Fahimi16 (145.00)	Lombardi10 (141.00)	Baptiste02 (141.00)	Kameugne14 (140.00)
Cosine	KameugneFSN11 (0.90)	KameugneFND23 (0.84)	GingrasQ16 (0.82)	OuelletQ13 (0.81)	SchuttW10 (0.80)
KanetAG04 R&C					
Euclid	JainG01 (0.38)	ZeballosH05 (0.39)	BeckR03 (0.39)	FoxS90 (0.39)	BartakSR08 (0.39)
Dot	ZarandiASC20 (178.00)	Baptiste02 (178.00)	Malapert11 (177.00)	Dejemeppe16 (173.00)	Groleaz21 (170.00)
Cosine	TerekhovDOB12 (0.72)	KelbelH11 (0.72)	JainG01 (0.71)	ZeballosH05 (0.71)	BeckR03 (0.71)
KelarevaTK13 R&C	SzerediS16 (0.90)	SchuttCSW12 (0.91)	SchuttFS13 (0.92)	BofillEGPSV14 (0.92)	GuSS13 (0.92)
Euclid	FrankDT16 (0.37)	GilesH16 (0.38)	NishikawaSTT18a (0.39)	KucukY19 (0.39)	NishikawaSTT18 (0.39)
Dot	Godet21a (103.00)	LaborieRSV18 (101.00)	ZarandiASC20 (99.00)	Astrand21 (99.00)	Lunardi20 (94.00)
Cosine	TranVNB17 (0.60)	GilesH16 (0.59)	FrankDT16 (0.59)	NishikawaSTT18a (0.58)	PraletLJ15 (0.57)
KelbelH11 R&C	AbreuN22 (0.85)	TanSD10 (0.88)	GrimesHM09 (0.89)	BaptisteLPN06 (0.90)	BeckR03 (0.90)
Euclid	MonetteDH09 (0.32)	GodardLN05 (0.36)	GrimesH11 (0.37)	Hooker06 (0.37)	BeckR03 (0.37)
Dot	Dejemeppe16 (191.00)	Baptiste02 (187.00)	Groleaz21 (182.00)	Lombardi10 (176.00)	ZarandiASC20 (170.00)
Cosine	MonetteDH09 (0.81)	GrimesH11 (0.77)	GodardLN05 (0.74)	BeckR03 (0.74)	Hooker06 (0.73)
KeriK07 R&C	EsquirolLH2008 (0.90)	SchuttCSW12 (0.91)	BaptisteP97 (0.91)	KovacsV04 (0.92)	LimtanyakulS12 (0.93)
Euclid	LombardiM13 (0.22)	Muscettola02 (0.24)	BonfiettiM12 (0.26)	OddiRC10 (0.26)	Caballero23 (0.26)
Dot	ZarandiASC20 (90.00)	Baptiste02 (90.00)	Dejemeppe16 (89.00)	LaborieRSV18 (87.00)	Groleaz21 (87.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	LombardiM13 (0.76)	Muscettola02 (0.72)	BofillCSV17 (0.71)	BeckR03 (0.70)	BeckPS03 (0.70)
KhayatLR06 R&C	ZeballosQH10 (0.84)	NovasH14 (0.91)	CorreaLR07 (0.92)	Zeballos10 (0.93)	HarjunkoskiG02 (0.94)
Euclid	ZhangYW21 (0.26)	HeipckeCCS00 (0.26)	KovacsV06 (0.26)	BeckPS03 (0.26)	NovasH14 (0.27)
Dot	ZarandiASC20 (134.00)	Baptiste02 (134.00)	Dejemeppe16 (132.00)	Groleaz21 (129.00)	Lunardi20 (128.00)
Cosine	ZhangYW21 (0.82)	BeckPS03 (0.81)	NovasH14 (0.81)	HeipckeCCS00 (0.80)	ZeballosQH10 (0.80)
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)	BockmayrP06 (0.25)	KuchcinskiW03 (0.27)	BeldiceanuP07 (0.27)
Dot	Lemos21 (76.00)	Astrand21 (73.00)	Froger16 (72.00)	Dejemeppe16 (69.00)	Malapert11 (68.00)
Cosine	WolfS05 (0.74)	LozanoCDS12 (0.72)	BockmayrP06 (0.71)	BartakS11 (0.68)	SerraNM12 (0.68)
KimCMLLP23 R&C	GaySS14 (0.88)	KoschB14 (0.94)	DannaP03 (0.94)	OujanaAYB22 (0.94)	SacramentoSP20 (0.94)
Euclid	DannaP03 (0.33)	PerronSF04 (0.33)	CarchraeB09 (0.35)	MonetteDH09 (0.35)	Beck06 (0.35)
Dot	Groleaz21 (134.00)	ZarandiASC20 (123.00)	Dejemeppe16 (120.00)	Lunardi20 (119.00)	MengZRZL20 (119.00)
Cosine	MonetteDH09 (0.70)	DannaP03 (0.70)	AbreuPNF23 (0.68)	PerronSF04 (0.68)	CarchraeB09 (0.68)
KinsellaS0OS16 R&C					
Euclid	CarchraeBF05 (0.20)	AngelsmarkJ00 (0.21)	Hunsberger08 (0.21)	Baptiste09 (0.22)	LiuJ06 (0.22)
Dot	Astrand21 (47.00)	HarjunkoskiMBC14 (46.00)	Lombardi10 (44.00)	Lemos21 (43.00)	Froger16 (43.00)
Cosine	IfrimOS12 (0.68)	GrimesIOS14 (0.61)	Hunsberger08 (0.59)	HurleyOS16 (0.59)	HoYCLLCLC18 (0.57)
KizilayC20 R&C	PinarbasiA20 (0.83)	Alaka21 (0.84)	TopaloglusS12 (0.84)	Edis21 (0.89)	BukchinR18 (0.91)
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)	BockmayrP06 (0.30)	BenderWS21 (0.31)	FortinZDF05 (0.31)	AstrandJZ18 (0.31)
Dot	Groleaz21 (121.00)	Baptiste02 (115.00)	Lombardi10 (114.00)	Dejemeppe16 (112.00)	Malapert11 (110.00)
Cosine	OzturkTHO15 (0.71)	QuirogaZH05 (0.71)	BoothTNB16 (0.71)	BenderWS21 (0.70)	OzturkTHO12 (0.70)
KletzanderM17 R&C	GoldwaserS17 (0.74)	WuBB09 (0.93)	KhemmoudjPB06 (0.94)	AggounB93 (0.95)	KamarainenS02 (0.95)
Euclid	ZibranR11 (0.22)	CarchraeBF05 (0.23)	HebrardALLCMR22 (0.23)	LimRX04 (0.23)	Baptiste09 (0.23)
Dot	ZarandiASC20 (53.00)	IsikYA23 (50.00)	Lunardi20 (49.00)	Froger16 (49.00)	SacramentoSP20 (48.00)
Cosine	GoldwaserS17 (0.68)	LimRX04 (0.64)	ZibranR11 (0.62)	KletzanderM20 (0.58)	FukunagaHFAMN02 (0.58)
KletzanderM20 R&C					
Euclid	KletzanderMH21 (0.21)	KletzanderM17 (0.30)	LimRX04 (0.31)	LimAHO02a (0.33)	ZibranR11 (0.33)
Dot	Froger16 (83.00)	Lemos21 (82.00)	ZarandiASC20 (78.00)	IsikYA23 (76.00)	Lunardi20 (74.00)
Cosine	KletzanderMH21 (0.82)	KletzanderM17 (0.58)	PourDERB18 (0.56)	BourreauGGLT22 (0.54)	LimRX04 (0.54)
KletzanderMH21 R&C					
Euclid	KletzanderM20 (0.21)	CestaOS98 (0.30)	LiuLH19 (0.30)	GelainPRVW17 (0.30)	FallahiAC20 (0.31)
Dot	Lemos21 (88.00)	ZarandiASC20 (83.00)	Froger16 (75.00)	Groleaz21 (71.00)	Astrand21 (70.00)
Cosine	KletzanderM20 (0.82)	FallahiAC20 (0.66)	BourreauGGLT22 (0.62)	LiuLH19 (0.61)	Gronkvist06 (0.61)
KoehlerBFFHPSSS21 R&C	ColT19 (0.95)	MelgarejoLS15 (0.97)	TanT18 (0.97)	WuBB09 (0.98)	FrohnerTR19 (0.98)
Euclid	MelgarejoLS15 (0.52)	KuB16 (0.53)	WallaceY20 (0.53)	BukchinR18 (0.53)	abs-1901-07914 (0.54)
Dot	Groleaz21 (182.00)	Dejemeppe16 (179.00)	Godet21a (173.00)	Malapert11 (172.00)	ColT22 (166.00)
Cosine	MullerMKP22 (0.60)	ColT22 (0.60)	WallaceY20 (0.59)	MelgarejoLS15 (0.59)	KovacsTKSG21 (0.57)
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)	ErtlK91 (0.30)	GetoorOFC97 (0.30)	ValleMGT03 (0.30)
Dot	Groleaz21 (95.00)	Astrand21 (93.00)	ZarandiASC20 (92.00)	Lombardi10 (91.00)	Malapert11 (90.00)
Cosine	BonfiettiLBM14 (0.73)	AstrandJZ18 (0.70)	BocewiczBB09 (0.70)	GetoorOFC97 (0.69)	BonfiettiLBM12 (0.68)
KoschB14 R&C	MalapertGR12 (0.82)	TangB20 (0.83)	LetortCB13 (0.89)	KameugneFSN14 (0.89)	Beck10 (0.90)
Euclid	HamFC17 (0.32)	Beck10 (0.33)	ChuX05 (0.33)	WatsonB08 (0.34)	BillautHL12 (0.34)
Dot	Groleaz21 (148.00)	Malapert11 (147.00)	ZarandiASC20 (137.00)	Baptiste02 (131.00)	AwadMDMT22 (130.00)
Cosine	HamFC17 (0.75)	Beck10 (0.72)	ChuX05 (0.71)	Ham18a (0.70)	WatsonB08 (0.70)
KotaryFH22 R&C					
Euclid	KovacsV06 (0.30)	HeipckeCCS00 (0.30)	CarchraeB09 (0.31)	FontaineMH16 (0.32)	KovacsV04 (0.32)
Dot	ZarandiASC20 (121.00)	Groleaz21 (120.00)	JainM99 (116.00)	Lombardi10 (114.00)	Astrand21 (112.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	CarchraeB09 (0.75)	HeipckeCCS00 (0.74)	KovacsV06 (0.74)	BeckPS03 (0.73)	TorresL00 (0.73)
KovacsB07 R&C	KovacsB11 (0.68)	KovacsB08 (0.88)	KovacsV06 (0.95)	KovacsV04 (0.96)	BeldiceanuC01 (0.97)
Euclid	KovacsB11 (0.21)	KovacsB08 (0.27)	HanenKP21 (0.35)	Vilim09 (0.36)	Wolf05 (0.36)
Dot	KovacsB11 (146.00)	Baptiste02 (146.00)	Groleaz21 (139.00)	ZarandiASC20 (134.00)	Dejemeppe16 (132.00)
Cosine	KovacsB11 (0.92)	KovacsB08 (0.82)	BonninMNE24 (0.73)	ArtiguesLH13 (0.71)	TerekhovDOB12 (0.71)
KovacsB08 R&C	KovacsB11 (0.80)	KovacsB07 (0.88)	LiuGT10 (0.93)	TrojetHL11 (0.94)	Muscettola02 (0.94)
Euclid	KovacsB07 (0.27)	Vilim09a (0.27)	Vilim09 (0.29)	WolfS05 (0.30)	KovacsB11 (0.30)
Dot	Dejemeppe16 (123.00)	Lombardi10 (120.00)	KovacsB11 (118.00)	Malapert11 (118.00)	Baptiste02 (118.00)
Cosine	KovacsB11 (0.82)	KovacsB07 (0.82)	Vilim09a (0.75)	ClautiauxJCM08 (0.73)	Vilim09 (0.72)
KovacsB11 R&C	KovacsB07 (0.68)	KovacsB08 (0.80)	MonetteDH09 (0.92)	WariZ19 (0.93)	SchausHMCMD11 (0.94)
Euclid	KovacsB07 (0.21)	KovacsB08 (0.30)	BonninMNE24 (0.36)	MonetteDH09 (0.36)	TerekhovDOB12 (0.37)
Dot	Baptiste02 (190.00)	Groleaz21 (182.00)	ZarandiASC20 (181.00)	Dejemeppe16 (173.00)	Lombardi10 (160.00)
Cosine	KovacsB07 (0.92)	KovacsB08 (0.82)	BonninMNE24 (0.77)	TerekhovDOB12 (0.76)	GokgurHO18 (0.74)
KovacsEKV05 R&C	KovacsV06 (0.80)	KovacsV04 (0.93)	NattafHKAL19 (0.93)	NattafAL15 (0.94)	NattafALR16 (0.94)
Euclid	CestaOS98 (0.12)	Caballero23 (0.13)	AngelsmarkJ00 (0.13)	Baptiste09 (0.14)	HebrardTW05 (0.15)
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)	Puget95 (0.70)	AngelsmarkJ00 (0.70)
KovacsK11 R&C	Sadykov04 (0.94)	Hooker05 (0.94)	Beck10 (0.94)	OddiPCC05 (0.94)	ChuX05 (0.95)
Euclid	BockmayrP06 (0.33)	JuvinHL23 (0.35)	BocewiczBB09 (0.35)	ValleMGT03 (0.35)	Colombani96 (0.35)
Dot	Groleaz21 (139.00)	Dejemeppe16 (138.00)	ZarandiASC20 (134.00)	Malapert11 (119.00)	Baptiste02 (119.00)
Cosine	KanetAG04 (0.67)	BartakSR08 (0.67)	HamdiL13 (0.67)	BockmayrP06 (0.67)	JuvinHL23 (0.67)
KovacsTKSG21 R&C					
Euclid	HeipckeCCS00 (0.34)	KovacsV06 (0.36)	Caseau97 (0.36)	CarchraeB09 (0.36)	FontaineMH16 (0.37)
Dot	Groleaz21 (170.00)	Dejemeppe16 (145.00)	ZarandiASC20 (144.00)	Baptiste02 (135.00)	Lunardi20 (133.00)
Cosine	abs-2211-14492 (0.73)	HeipckeCCS00 (0.73)	abs-2402-00459 (0.71)	CarchraeB09 (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)	ChuGNSW13 (0.24)	HeipckeCCS00 (0.25)	Caseau97 (0.25)
Dot	Baptiste02 (123.00)	Godet21a (118.00)	Lombardi10 (117.00)	Dejemeppe16 (116.00)	Beck99 (116.00)
Cosine	Bartak02a (0.86)	KovacsV06 (0.82)	HeipckeCCS00 (0.81)	BartakSR08 (0.80)	ChuGNSW13 (0.80)
KovacsV06 R&C	Vilim03 (0.67)	SchuttS16 (0.80)	KovacsEKV05 (0.80)	KovacsV04 (0.89)	KreterSS17 (0.94)
Euclid	HeipckeCCS00 (0.22)	KovacsV04 (0.23)	Caseau97 (0.24)	BeckPS03 (0.25)	CarchraeB09 (0.26)
Dot	Groleaz21 (116.00)	Dejemeppe16 (115.00)	Baptiste02 (114.00)	LaborieRSV18 (112.00)	Lombardi10 (107.00)
Cosine	HeipckeCCS00 (0.85)	KovacsV04 (0.82)	BeckPS03 (0.82)	CarchraeB09 (0.80)	KhayatLR06 (0.79)
KreterSS15 R&C	KreterSS17 (0.56)	SzerediS16 (0.68)	SchuttFS13 (0.68)	SchuttCSW12 (0.70)	SchuttFSW15 (0.76)
Euclid	KreterSS17 (0.26)	KreterSSZ18 (0.28)	SzerediS16 (0.30)	YoungFS17 (0.30)	SchuttS16 (0.31)
Dot	KreterSS17 (138.00)	Godet21a (134.00)	Schutt11 (123.00)	KreterSSZ18 (121.00)	Caballero19 (117.00)
Cosine	KreterSS17 (0.87)	KreterSSZ18 (0.82)	SzerediS16 (0.77)	YoungFS17 (0.77)	abs-1009-0347 (0.75)
KreterSS17 R&C	KreterSS15 (0.56)	KreterSSZ18 (0.79)	SchuttFSW15 (0.80)	YoungFS17 (0.81)	SchuttCSW12 (0.82)
Euclid	KreterSS15 (0.26)	KreterSSZ18 (0.30)	YoungFS17 (0.36)	SzerediS16 (0.36)	abs-1009-0347 (0.37)
Dot	Schutt11 (157.00)	Godet21a (156.00)	Caballero19 (148.00)	KreterSSZ18 (147.00)	Groleaz21 (145.00)
Cosine	KreterSS15 (0.87)	KreterSSZ18 (0.84)	YoungFS17 (0.75)	SzerediS16 (0.74)	abs-1009-0347 (0.72)
KreterSSZ18 R&C	KreterSS17 (0.79)	SchnellH15 (0.80)	SchnellH17 (0.81)	KreterSS15 (0.84)	EdwardsBSE19 (0.87)
Euclid	KreterSS15 (0.28)	KreterSS17 (0.30)	SzerediS16 (0.31)	YoungFS17 (0.31)	SchuttFSW13 (0.31)
Dot	KreterSS17 (147.00)	Schutt11 (142.00)	Godet21a (140.00)	Lombardi10 (135.00)	Caballero19 (135.00)
Cosine	KreterSS17 (0.84)	KreterSS15 (0.82)	SchuttFSW13 (0.80)	SzerediS16 (0.79)	YoungFS17 (0.79)
KrogtLPHJ07 R&C	Wolf05 (0.91)	TanSD10 (0.93)	MonetteDD07 (0.93)	BosiM2001 (0.93)	SourdN00 (0.94)
Euclid	ZibranR11a (0.25)	FoxAS82 (0.26)	ZibranR11 (0.26)	Puget95 (0.27)	RodriguezDG02 (0.27)
Dot	ZarandiASC20 (84.00)	Lombardi10 (79.00)	HarjunkoskiMBC14 (78.00)	Dejemeppe16 (77.00)	Beck99 (77.00)
Cosine	HarjunkoskiG02 (0.73)	JainG01 (0.70)	PolicellaWSO05 (0.68)	MaraveliasCG04 (0.68)	OddiS97 (0.68)
KuB16 R&C	ColT2019a (0.87)	ColT19 (0.89)	ColT22 (0.89)	GrimesHM09 (0.90)	WatsonB08 (0.90)
Euclid	TanSD10 (0.30)	WatsonB08 (0.31)	ArtiguesBF04 (0.32)	FontaineMH16 (0.33)	Beck07 (0.33)
Dot	Groleaz21 (129.00)	NaderiRR23 (127.00)	Malapert11 (116.00)	GrimesH11 (111.00)	GrimesH15 (110.00)
Cosine	TanSD10 (0.75)	ArtiguesBF04 (0.74)	ZhangBB22 (0.73)	WatsonB08 (0.72)	Beck07 (0.71)
Kuchcinski03 R&C	KuchcinskiW03 (0.89)	Colombani96 (0.90)	Goltz95 (0.91)	BeldiceanuC94 (0.94)	DorndorfHP99 (0.94)
Euclid	KuchcinskiW03 (0.39)	Goltz95 (0.40)	GruianK98 (0.40)	ChuGNSW13 (0.40)	LozanoCDS12 (0.41)
Dot	Malapert11 (156.00)	Dejemeppe16 (146.00)	Schutt11 (144.00)	Lombardi10 (143.00)	Groleaz21 (139.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	KuchcinskiW03 (0.68)	Goltz95 (0.66)	GruianK98 (0.65)	TrojetHL11 (0.65)	Simonis99 (0.65)
KuchcinskiW03 R&C	Kuchcinski03 (0.89)	BeniniLMR08 (0.92)	ZhangLS12 (0.95)	QuirogaZH05 (0.95)	Geske05 (0.95)
Euclid	MalikMB08 (0.22)	WolinskiKG04 (0.22)	LozanoCDS12 (0.24)	LiuLH19 (0.25)	BegB13 (0.25)
Dot	Kuchcinski03 (77.00)	Caballero19 (74.00)	Malapert11 (73.00)	Groleaz21 (73.00)	Lombardi10 (72.00)
Cosine	MalikMB08 (0.77)	WolinskiKG04 (0.77)	LozanoCDS12 (0.74)	BegB13 (0.73)	Malik08 (0.71)
KucukY19 R&C	SquillaciPR23 (0.97)				
Euclid	FrankDT16 (0.23)	VerfaillieL01 (0.24)	GomesHS06 (0.26)	SquillaciPR23 (0.27)	SunLYL10 (0.27)
Dot	Groleaz21 (81.00)	ZarandiASC20 (78.00)	Astrand21 (77.00)	Froger16 (75.00)	LaborieRSV18 (73.00)
Cosine	VerfaillieL01 (0.75)	SquillaciPR23 (0.74)	FrankDT16 (0.73)	PraletLJ15 (0.67)	AkramNHRSA23 (0.66)
Kumar03 R&C	LombardiM09 (0.84)	Muscettola02 (0.89)	BeldiceanuP07 (0.89)	LouieVNB14 (0.91)	Laborie03 (0.91)
Euclid	LiuJ06 (0.20)	CestaOS98 (0.20)	Caballero23 (0.21)	KovacsEKV05 (0.22)	Baptiste09 (0.22)
Dot	LombardiMRB10 (42.00)	Caballero19 (40.00)	Simonis07 (39.00)	RuggieroBBMA09 (39.00)	Malapert11 (39.00)
Cosine	LozanoCDS12 (0.64)	WolinskiKG04 (0.63)	KuchcinskiW03 (0.63)	LiuJ06 (0.63)	CestaOS98 (0.62)
Laborie03 R&C	BaptisteLPN06 (0.78)	NuijtenA96 (0.85)	MercierH07 (0.88)	BartakSR08 (0.89)	BeckF00 (0.89)
Euclid	BeckDSF97 (0.35)	VilimBC04 (0.35)	VilimBC05 (0.36)	BaptisteP00 (0.36)	DemasseyAM05 (0.36)
Dot	Baptiste02 (175.00)	Malapert11 (164.00)	Fahimi16 (164.00)	Lombardi10 (163.00)	Schutt11 (156.00)
Cosine	BaptisteP00 (0.75)	BeckDSF97 (0.74)	BaptisteP97 (0.74)	DemasseyAM05 (0.74)	VilimBC05 (0.73)
Laborie09 R&C	DannaP03 (0.79)	PerronSF04 (0.88)	GrimesH11 (0.88)	Mercier-AubinGQ20 (0.93)	CarchraeB09 (0.94)
Euclid	LaborieR14 (0.33)	MonetteDH09 (0.33)	Hooker05a (0.34)	PraletLJ15 (0.34)	Limtanyakul07 (0.35)
Dot	LaborieRSV18 (152.00)	Groleaz21 (149.00)	Dejemeppe16 (148.00)	ZarandiASC20 (138.00)	Baptiste02 (132.00)
Cosine	LaborieR14 (0.75)	MonetteDH09 (0.74)	LaborieRSV18 (0.69)	KhayatLR06 (0.69)	Hooker05a (0.69)
Laborie18a R&C	ColT19 (0.83)	ColT2019a (0.85)	LaborieRSV18 (0.85)	BoothTNB16 (0.87)	CappartTSR18 (0.89)
Euclid	Limtanyakul07 (0.25)	HookerY02 (0.26)	KovacsEKV05 (0.27)	WuBB05 (0.28)	HeipckeCCS00 (0.28)
Dot	LaborieRSV18 (94.00)	Lombardi10 (92.00)	Dejemeppe16 (91.00)	Groleaz21 (86.00)	ColT22 (84.00)
Cosine	Limtanyakul07 (0.74)	HeipckeCCS00 (0.73)	Hooker06 (0.72)	ForbesHJST24 (0.71)	LimtanyakulS12 (0.70)
LaborieR14 R&C	VilimLS15 (0.88)	ColT19 (0.89)	CappartS17 (0.89)	LaborieRSV18 (0.91)	Beck10 (0.93)
Euclid	HeipckeCCS00 (0.29)	MonetteDH09 (0.30)	KovacsV06 (0.32)	Laborie09 (0.33)	HentenryckM04 (0.33)
Dot	LaborieRSV18 (161.00)	Groleaz21 (160.00)	ZarandiASC20 (145.00)	Baptiste02 (139.00)	Lombardi10 (138.00)
Cosine	MonetteDH09 (0.80)	HeipckeCCS00 (0.78)	Laborie09 (0.75)	TouatBT22 (0.74)	KovacsV06 (0.74)
LaborieRSV18 R&C	HamP21 (0.85)	Laborie18a (0.85)	VilimLS15 (0.87)	Ham18a (0.89)	LuoB22 (0.90)
Euclid	LaborieR14 (0.50)	Laborie09 (0.52)	NovaraNH16 (0.53)	VilimLS15 (0.53)	HauderBRPA20 (0.55)
Dot	Groleaz21 (262.00)	Dejemeppe16 (240.00)	ZarandiASC20 (239.00)	Astrand21 (226.00)	Lombardi10 (219.00)
Cosine	LaborieR14 (0.73)	Laborie09 (0.69)	NovaraNH16 (0.68)	VilimLS15 (0.67)	LombardiM12 (0.66)
LacknerMMWW21 R&C					
Euclid	LacknerMMWW23 (0.22)	ColT2019a (0.47)	GroleazNS20a (0.50)	ColT19 (0.50)	abs-2102-08778 (0.51)
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)	ColT22 (0.53)	WinterMMW22 (0.53)	ColT19 (0.54)
Dot	LacknerMMWW21 (240.00)	Groleaz21 (209.00)	Dejemeppe16 (199.00)	ColT22 (185.00)	Lunardi20 (180.00)
Cosine	LacknerMMWW21 (0.94)	ColT22 (0.66)	WinterMMW22 (0.62)	ColT2019a (0.61)	AwadMDMT22 (0.59)
LahimerLH11 R&C	GuSS13 (0.97)	MalapertGR12 (0.98)	GuSSWC14 (0.98)	GomesM17 (0.98)	BruckerK00 (0.99)
Euclid	HeipckeCCS00 (0.27)	MakMS10 (0.29)	MalapertCGJLR13 (0.29)	Limtanyakul07 (0.30)	Caseau97 (0.30)
Dot	Groleaz21 (116.00)	ZarandiASC20 (111.00)	Baptiste02 (111.00)	Godet21a (106.00)	Malapert11 (105.00)
Cosine	HeipckeCCS00 (0.76)	ZhangYW21 (0.74)	KhayatLR06 (0.73)	EtminaniesfahaniGNMS22 (0.73)	VilimLS15 (0.73)
LammaMM97 R&C	Simonis95a (0.89)	Simonis99 (0.92)	BaptisteLV92 (0.92)	Zhou96 (0.93)	Goltz95 (0.93)
Euclid	BrusoniCLMMT96 (0.24)	DincbasSH90 (0.29)	Bartak02 (0.32)	Simonis95 (0.33)	Simonis95a (0.33)
Dot	ZarandiASC20 (110.00)	Wallace96 (103.00)	Baptiste02 (103.00)	Malapert11 (101.00)	Beck99 (97.00)
Cosine	BrusoniCLMMT96 (0.83)	DincbasSH90 (0.76)	Wallace96 (0.72)	Simonis95a (0.71)	Bartak02 (0.70)
LauLN08 R&C	GuSW12 (0.96)	GuSSWC14 (0.97)			
Euclid	CrawfordB94 (0.14)	HebrardTW05 (0.19)	FoxAS82 (0.21)	KovacsEKV05 (0.21)	AngelsmarkJ00 (0.21)
Dot	ZarandiASC20 (65.00)	Astrand21 (65.00)	Beck99 (64.00)	HarjunkoskiMBC14 (62.00)	AbreuN22 (61.00)
Cosine	CrawfordB94 (0.87)	FoxAS82 (0.73)	DoRZ08 (0.73)	Beck06 (0.72)	HebrardTW05 (0.72)
Layfield02 R&C					
Euclid	MaraveliasG04 (0.14)	Baptiste09 (0.16)	AbrilSB05 (0.19)	Hamscher91 (0.21)	CarchraeBF05 (0.21)
Dot	ZeballosNH11 (18.00)	KoehlerBFFHPSSS21 (18.00)	Menana11 (14.00)	ZeballosCM10 (14.00)	TangLWSK18 (13.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	MaraveliasG04 (0.65)	Baptiste09 (0.46)	Hamscher91 (0.39)	HebrardALLCMR22 (0.37)	ZibranR11 (0.36)
LeeKLKKYHP97 R&C					
Euclid	FortinZDF05 (0.19)	LombardiM13 (0.21)	ChapadosJR11 (0.23)	Bonfietti16 (0.23)	Muscettola02 (0.24)
Dot	LaborieRSV18 (64.00)	ZarandiASC20 (63.00)	Dejemeppe16 (62.00)	Astrand21 (61.00)	Lunardi20 (59.00)
Cosine	FortinZDF05 (0.76)	LombardiBMB11 (0.72)	BeckPS03 (0.71)	BonfiettiLBM11 (0.71)	LombardiM13 (0.70)
Lemos21 R&C					
Euclid	PourDERB18 (0.53)	KovacsTKSG21 (0.56)	MarliereSPR23 (0.56)	LiuW11 (0.57)	FalqueALM24 (0.57)
Dot	ZarandiASC20 (218.00)	Dejemeppe16 (198.00)	Groleaz21 (190.00)	Astrand21 (188.00)	Froger16 (185.00)
Cosine	PourDERB18 (0.64)	LuZZYW24 (0.60)	KovacsTKSG21 (0.60)	MarliereSPR23 (0.58)	Astrand21 (0.56)
Letort13 R&C					
Euclid	LetortCB15 (0.32)	LetortBC12 (0.34)	LetortCB13 (0.35)	Derrien15 (0.37)	GayHS15a (0.39)
Dot	Malapert11 (181.00)	Schutt11 (163.00)	Fahimi16 (160.00)	Kameugne14 (149.00)	Godet21a (145.00)
Cosine	LetortCB15 (0.82)	LetortBC12 (0.78)	LetortCB13 (0.77)	Derrien15 (0.75)	Clercq12 (0.73)
LetortBC12 R&C	OuelletQ13 (0.57)	GayHS15 (0.61)	KameugneFSN14 (0.66)	Vilim11 (0.67)	LetortCB13 (0.68)
Euclid	LetortCB13 (0.14)	LetortCB15 (0.18)	WolfS05 (0.31)	BeldiceanuP07 (0.31)	BeldiceanuC02 (0.31)
Dot	Malapert11 (121.00)	LetortCB15 (120.00)	Letort13 (119.00)	LetortCB13 (110.00)	Schutt11 (104.00)
Cosine	LetortCB13 (0.94)	LetortCB15 (0.92)	Letort13 (0.78)	BeldiceanuC02 (0.69)	WolfS05 (0.69)
LetortCB13 R&C	LetortCB15 (0.58)	LetortBC12 (0.68)	KameugneFSN11 (0.74)	OuelletQ13 (0.75)	KameugneFSN14 (0.80)
Euclid	LetortBC12 (0.14)	LetortCB15 (0.18)	BeldiceanuP07 (0.30)	CauwelaertLS15 (0.31)	WolfS05 (0.31)
Dot	Malapert11 (123.00)	LetortCB15 (120.00)	Letort13 (117.00)	Schutt11 (112.00)	LetortBC12 (110.00)
Cosine	LetortBC12 (0.94)	LetortCB15 (0.93)	Letort13 (0.77)	GingrasQ16 (0.71)	BeldiceanuP07 (0.70)
LetortCB15 R&C	LetortCB13 (0.58)	LetortBC12 (0.69)	OuelletQ13 (0.71)	GayHS15a (0.77)	KameugneFSN14 (0.79)
Euclid	LetortCB13 (0.18)	LetortBC12 (0.18)	Letort13 (0.32)	GingrasQ16 (0.34)	DerrienP14 (0.35)
Dot	Malapert11 (141.00)	Letort13 (138.00)	Schutt11 (131.00)	Godet21a (124.00)	LetortBC12 (120.00)
Cosine	LetortCB13 (0.93)	LetortBC12 (0.92)	Letort13 (0.82)	GingrasQ16 (0.70)	OuelletQ13 (0.68)
LiFJZLL22 R&C	Fatemi-AnarakiTFV23 (0.95)	AbreuNP23 (0.96)	MurinR19 (0.96)	ParkUJR19 (0.97)	HamPK21 (0.97)
Euclid	JuvinHL23 (0.28)	HamP21 (0.31)	NovasH14 (0.32)	Teppan22 (0.32)	WatsonB08 (0.33)
Dot	ZarandiASC20 (154.00)	Lunardi20 (137.00)	PrataAN23 (135.00)	IsikYA23 (135.00)	Groleaz21 (133.00)
Cosine	JuvinHL23 (0.79)	CzerniachowskaWZ23 (0.76)	HamP21 (0.75)	OujanaAYB22 (0.74)	NovasH14 (0.74)
LiLZDZW24 R&C					
Euclid	WatsonBHW99 (0.27)	LauLN08 (0.32)	DoRZ08 (0.32)	Beck06 (0.33)	JuvinHL23 (0.33)
Dot	Astrand21 (91.00)	ZarandiASC20 (89.00)	IsikYA23 (89.00)	abs-2211-14492 (88.00)	Groleaz21 (86.00)
Cosine	WatsonBHW99 (0.75)	TasselGS23 (0.67)	abs-2306-05747 (0.67)	LiFJZLL22 (0.67)	KotaryFH22 (0.66)
LiW08 R&C	Hooker05 (0.88)	Hooker05b (0.88)	AggounMV08 (0.89)	Thorsteinsson01 (0.90)	AkkerDH07 (0.90)
Euclid	KhayatLR06 (0.31)	BeckPS03 (0.33)	QuirogaZH05 (0.34)	ZeballosQH10 (0.35)	LiessM08 (0.35)
Dot	Lombardi10 (163.00)	ZarandiASC20 (158.00)	Dejemeppe16 (156.00)	Baptiste02 (156.00)	Schutt11 (147.00)
Cosine	KhayatLR06 (0.79)	BeckPS03 (0.76)	ZeballosQH10 (0.75)	ZeballosNH11 (0.74)	ZeballosH05 (0.74)
LiessM08 R&C	DemasseyAM05 (0.77)	NeronABCDD06 (0.79)	BruckerK00 (0.80)	ArkhipovBL19 (0.84)	KameugneFSN14 (0.88)
Euclid	DemasseyAM05 (0.23)	HeipckeCCS00 (0.24)	BofillCSV17 (0.25)	BenderWS21 (0.25)	LombardiM13 (0.27)
Dot	Schutt11 (136.00)	Baptiste02 (131.00)	Lombardi10 (129.00)	Godet21a (129.00)	Dejemeppe16 (125.00)
Cosine	DemasseyAM05 (0.86)	HeipckeCCS00 (0.83)	VilimLS15 (0.83)	BaptisteP97 (0.82)	BenderWS21 (0.80)
LimAHO02a R&C					
Euclid	CarchraeBF05 (0.16)	AngelsmarkJ00 (0.17)	Tsang03 (0.18)	Baptiste09 (0.18)	FrostD98 (0.18)
Dot	Lemos21 (38.00)	ZarandiASC20 (37.00)	Astrand21 (37.00)	Lombardi10 (32.00)	Wallace96 (31.00)
Cosine	YoshikawaKNW94 (0.71)	AngelsmarkJ00 (0.58)	ShaikhK23 (0.58)	Tsang03 (0.58)	CarchraeBF05 (0.58)
LimBTBB15 R&C	LimHTB16 (0.78)	GelainPRVW17 (0.80)	LimBTBB15a (0.86)	IfrimOS12 (0.90)	DannaP03 (0.90)
Euclid	LimHTB16 (0.23)	ZibranR11 (0.28)	BofillGSV15 (0.29)	HebrardALLCMR22 (0.29)	HebrardTW05 (0.29)
Dot	HarjunkoskiMBC14 (69.00)	Dejemeppe16 (68.00)	Groleaz21 (68.00)	ZarandiASC20 (67.00)	LaborieRSV18 (67.00)
Cosine	LimHTB16 (0.77)	CarchraeB09 (0.59)	PerronSF04 (0.58)	PerezGSL23 (0.57)	abs-2312-13682 (0.57)
LimBTBB15a R&C	LimBTBB15 (0.86)	IfrimOS12 (0.89)	RendlPHPR12 (0.94)	DannaP03 (0.96)	
Euclid					
Dot					
Cosine					
LimHTB16 R&C	LimBTBB15 (0.78)	MurphyMB15 (0.95)	DannaP03 (0.96)	SchausHMCMD11 (0.96)	GarganiR07 (0.96)
Euclid	LimBTBB15 (0.23)	ZibranR11 (0.27)	PesantRR15 (0.28)	ZibranR11a (0.28)	HebrardALLCMR22 (0.28)
Dot	ZarandiASC20 (70.00)	Lombardi10 (67.00)	Astrand21 (66.00)	Beck99 (64.00)	Dejemeppe16 (62.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	LimBTBB15 (0.77)	GrimesIOS14 (0.63)	ZibranR11a (0.62)	ZibranR11 (0.62)	MurphyMB15 (0.62)
LimRX04 R&C	ZampelliVSDR13 (0.92)	UnsalO13 (0.94)	GuSW12 (0.96)	ZarandiKS16 (0.97)	LombardiMB13 (0.97)
Euclid	HebrardTW05 (0.22)	KletzanderM17 (0.23)	Davis87 (0.24)	AngelsmarkJ00 (0.24)	CarchraeBF05 (0.25)
Dot	ZarandiASC20 (65.00)	Froger16 (63.00)	SacramentoSP20 (62.00)	Lunardi20 (59.00)	Astrand21 (58.00)
Cosine	KletzanderM17 (0.64)	NattafDYW19 (0.61)	HebrardTW05 (0.61)	RendlPHPR12 (0.60)	WatsonB08 (0.60)
Limtanyakul07 R&C	LimtanyakulS12 (0.73)	Davenport10 (0.80)	Vilim09 (0.86)	Vilim09a (0.86)	Beck10 (0.86)
Euclid	BockmayrP06 (0.22)	Sadykov04 (0.22)	HookerY02 (0.23)	MakMS10 (0.24)	Hooker17 (0.24)
Dot	Baptiste02 (86.00)	BartakSR10 (83.00)	Lombardi10 (81.00)	Dejemeppe16 (81.00)	Groleaz21 (81.00)
Cosine	Colombani96 (0.78)	BockmayrP06 (0.77)	HeipckeCCS00 (0.76)	Sadykov04 (0.76)	LimtanyakulS12 (0.75)
LimtanyakulS12 R&C	Limtanyakul07 (0.73)	QuirogaZH05 (0.79)	ZhangLS12 (0.80)	KovacsV04 (0.82)	Geske05 (0.83)
Euclid	Limtanyakul07 (0.32)	Hooker06 (0.34)	Laborie18a (0.34)	ChuX05 (0.35)	Hooker05a (0.35)
Dot	Lombardi10 (157.00)	Baptiste02 (149.00)	Dejemeppe16 (144.00)	Groleaz21 (140.00)	Malapert11 (134.00)
Cosine	Limtanyakul07 (0.75)	Hooker06 (0.73)	Laborie18a (0.70)	MercierH07 (0.69)	Hooker07 (0.69)
LipovetzkyBPS14 R&C					
Euclid	NishikawaSTT18 (0.24)	NishikawaSTT18a (0.25)	BlomBPS14 (0.27)	NishikawaSTT19 (0.28)	FortinZDF05 (0.29)
Dot	Lunardi20 (92.00)	LaborieRSV18 (92.00)	Groleaz21 (89.00)	Malapert11 (87.00)	Astrand21 (86.00)
Cosine	NishikawaSTT18 (0.78)	NishikawaSTT18a (0.77)	NishikawaSTT19 (0.73)	BurtLPS15 (0.71)	BlomBPS14 (0.71)
LiuCGM17 R&C	BartakS11 (0.94)	Colombani96 (0.95)	Rodriguez07 (0.95)	NuijtenA96 (0.95)	Zhou96 (0.95)
Euclid	ZibranR11 (0.28)	ZibranR11a (0.28)	ZhangLS12 (0.29)	ChapadosJR11 (0.30)	CohenHB17 (0.31)
Dot	Godet21a (97.00)	Dejemeppe16 (88.00)	Beck99 (86.00)	ColT22 (84.00)	ZarandiASC20 (82.00)
Cosine	ZibranR11a (0.69)	ZibranR11 (0.69)	ZhangLS12 (0.65)	FallahiAC20 (0.64)	FalqueALM24 (0.64)
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 (0.15)	Davis87 (0.16)	Hunsberger08 (0.16)	Rit86 (0.17)
Dot	Malapert11 (37.00)	Dejemeppe16 (36.00)	Astrand21 (35.00)	Lombardi10 (34.00)	Schutt11 (34.00)
Cosine	Rit86 (0.73)	CarchraeBF05 (0.72)	LudwigKRBMS14 (0.71)	AngelsmarkJ00 (0.67)	RoweJCA96 (0.66)
LiuLH19 R&C	BandaSC11 (0.91)	PoderBS04 (0.92)	DincbasSH90 (0.93)	AggounB93 (0.94)	Mercier-AubinGQ20 (0.94)
Euclid	GelainPRVW17 (0.20)	BandaSC11 (0.21)	ZhangLS12 (0.24)	KuchcinskiW03 (0.25)	Puget95 (0.25)
Dot	Godet21a (79.00)	Fahimi16 (75.00)	Lemos21 (74.00)	Dejemeppe16 (72.00)	German18 (72.00)
Cosine	GelainPRVW17 (0.81)	BandaSC11 (0.78)	GarridoAO09 (0.74)	ZhangLS12 (0.72)	GarridoOS08 (0.71)
LiuW11 R&C	NovasH14 (0.92)	TangLWSK18 (0.93)	Zeballos10 (0.94)	LiessM08 (0.95)	ZarandiKS16 (0.96)
Euclid	MakMS10 (0.30)	VanczaM01 (0.31)	BockmayrP06 (0.32)	TrojetHL11 (0.32)	AkramNHRSA23 (0.32)
Dot	ZarandiASC20 (152.00)	Groleaz21 (139.00)	Lombardi10 (136.00)	Astrand21 (124.00)	Dejemeppe16 (124.00)
Cosine	TrojetHL11 (0.74)	MakMS10 (0.73)	LombardiMB13 (0.70)	VanczaM01 (0.70)	HeipckeCCS00 (0.69)
Lombardi10 R&C					
Euclid	LombardiM12 (0.51)	LombardiM10a (0.51)	LombardiMRB10 (0.54)	Beck99 (0.56)	LombardiMB13 (0.56)
Dot	Groleaz21 (289.00)	Baptiste02 (284.00)	ZarandiASC20 (279.00)	Dejemeppe16 (279.00)	Schutt11 (261.00)
Cosine	LombardiM10a (0.76)	LombardiM12 (0.76)	LombardiMRB10 (0.72)	Schutt11 (0.71)	Beck99 (0.71)
LombardiBM15 R&C	KameugneF13 (0.83)	KameugneFSN11 (0.88)	KameugneFSN14 (0.89)	LetortCB13 (0.89)	LombardiM10 (0.89)
Euclid	BonfiettiLM14 (0.19)	LombardiM12a (0.19)	LombardiM09 (0.23)	FortinZDF05 (0.25)	LombardiM10 (0.25)
Dot	ZarandiASC20 (118.00)	Lombardi10 (115.00)	Astrand21 (112.00)	LaborieRSV18 (109.00)	Godet21a (109.00)
Cosine	BonfiettiLM14 (0.89)	LombardiM12a (0.88)	LombardiM09 (0.82)	LombardiM10 (0.79)	BeckW07 (0.78)
LombardiBMB11 R&C	BonfiettiLBM11 (0.60)	LombardiM13 (0.85)	LombardiM12a (0.85)	BonfiettiLBM14 (0.89)	BonfiettiLBM12 (0.92)
Euclid	BonfiettiLBM11 (0.17)	BonfiettiLBM12 (0.21)	BonfiettiLM13 (0.22)	FortinZDF05 (0.26)	BonfiettiM12 (0.26)
Dot	BonfiettiLBM14 (105.00)	Lombardi10 (105.00)	Astrand21 (103.00)	Groleaz21 (103.00)	Schutt11 (100.00)
Cosine	BonfiettiLBM11 (0.90)	BonfiettiLBM12 (0.86)	BonfiettiLM13 (0.84)	BonfiettiLBM14 (0.82)	BonfiettiZLM16 (0.77)
LombardiM09 R&C	LombardiM13 (0.80)	LombardiM12a (0.80)	LombardiM10 (0.83)	CestaOS98 (0.83)	Kumar03 (0.84)
Euclid	LombardiM10 (0.21)	LombardiM13 (0.22)	FortinZDF05 (0.22)	LombardiBM15 (0.23)	LombardiM12a (0.24)
Dot	Lombardi10 (108.00)	ZarandiASC20 (104.00)	SubulanC22 (98.00)	Schutt11 (97.00)	Dejemeppe16 (96.00)
Cosine	LombardiM10 (0.85)	LombardiM13 (0.82)	LombardiBM15 (0.82)	FortinZDF05 (0.81)	LombardiM12a (0.81)
LombardiM10 R&C	LombardiMB13 (0.80)	LombardiM09 (0.83)	LombardiM13 (0.88)	LombardiM12a (0.88)	AmadiniGM16 (0.89)
Euclid	LombardiM09 (0.21)	LombardiM13 (0.23)	OddiRC10 (0.24)	LombardiM12a (0.25)	LombardiBM15 (0.25)
Dot	Lombardi10 (116.00)	Baptiste02 (107.00)	Godet21a (106.00)	Dejemeppe16 (106.00)	Groleaz21 (105.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	LombardiM09 (0.85)	LombardiM13 (0.82)	OddiRC10 (0.80)	LombardiM12a (0.80)	LombardiBM15 (0.79)
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 (0.36)	BartakSR08 (0.37)	BeniniLMR11 (0.37)
Dot	Lombardi10 (203.00)	Groleaz21 (169.00)	Baptiste02 (168.00)	Dejemeppe16 (156.00)	ZarandiASC20 (155.00)
Cosine	LombardiMRB10 (0.80)	Lombardi10 (0.76)	BartakSR08 (0.73)	LombardiM10 (0.73)	OzturkTHO12 (0.71)
LombardiM12 R&C	CireCH13 (0.86)	CobanH11 (0.86)	CireCH16 (0.87)	Hooker07 (0.89)	Hooker05 (0.90)
Euclid	GokPTGO23 (0.41)	BaptisteP97 (0.42)	Mercier-AubinGQ20 (0.43)	LiessM08 (0.43)	DemasseyAM05 (0.43)
Dot	Lombardi10 (240.00)	Groleaz21 (233.00)	ZarandiASC20 (229.00)	Dejemeppe16 (225.00)	Baptiste02 (222.00)
Cosine	Lombardi10 (0.76)	GokPTGO23 (0.75)	BaptisteP97 (0.73)	Mercier-AubinGQ20 (0.72)	LiessM08 (0.71)
LombardiM12a R&C	LombardiM13 (0.00)	LombardiM09 (0.80)	SchuttFSW13 (0.85)	LombardiBMB11 (0.85)	LombardiMB13 (0.86)
Euclid	BofillCSV17 (0.19)	OddiRC10 (0.19)	LombardiBM15 (0.19)	LombardiM13 (0.21)	LombardiM09 (0.24)
Dot	Schutt11 (101.00)	Lombardi10 (100.00)	Caballero19 (97.00)	Godet21a (96.00)	ZarandiASC20 (94.00)
Cosine	LombardiBM15 (0.88)	BofillCSV17 (0.87)	OddiRC10 (0.86)	LombardiM13 (0.84)	LombardiM09 (0.81)
LombardiM13 R&C	LombardiM12a (0.00)	LombardiM09 (0.80)	SchuttFSW13 (0.85)	LombardiBMB11 (0.85)	LombardiMB13 (0.86)
Euclid	OddiRC10 (0.16)	Caballero23 (0.17)	FortinZDF05 (0.19)	BonfiettiM12 (0.19)	BofillCSV17 (0.20)
Dot	Caballero19 (65.00)	Schutt11 (64.00)	Godet21a (64.00)	ZarandiASC20 (63.00)	Lombardi10 (63.00)
Cosine	OddiRC10 (0.88)	LombardiM12a (0.84)	BofillCSV17 (0.84)	LombardiM09 (0.82)	LombardiM10 (0.82)
LombardiMB13 R&C	LombardiM10 (0.80)	LombardiM09 (0.85)	LombardiM13 (0.86)	LombardiM12a (0.86)	CestaOPS14 (0.88)
Euclid	LombardiM09 (0.30)	LombardiMRB10 (0.31)	LombardiM10 (0.31)	NishikawaSTT19 (0.32)	Vilim09a (0.32)
Dot	Lombardi10 (166.00)	Groleaz21 (150.00)	Dejemeppe16 (147.00)	ZarandiASC20 (144.00)	Schutt11 (137.00)
Cosine	LombardiMRB10 (0.80)	LombardiM09 (0.77)	LombardiM10 (0.75)	NishikawaSTT19 (0.74)	Vilim09a (0.72)
LombardiMRB10 R&C	BeniniBGM05 (0.78)	BeniniLMR08 (0.80)	BeniniLMMR08 (0.81)	CireCH13 (0.82)	BeniniLMR11 (0.82)
Euclid	BeniniBGM06 (0.30)	LombardiMB13 (0.31)	BeniniLMR08 (0.32)	LombardiM10a (0.32)	BeniniBGM05 (0.32)
Dot	Lombardi10 (187.00)	ZarandiASC20 (152.00)	Groleaz21 (149.00)	Baptiste02 (146.00)	Astrand21 (145.00)
Cosine	LombardiMB13 (0.80)	LombardiM10a (0.80)	BeniniBGM06 (0.80)	BeniniLMR08 (0.78)	BeniniBGM05 (0.78)
LopesCSM10 R&C	MouraSCL08 (0.52)	MouraSCL08a (0.60)	ThiruvadyBME09 (0.97)	RenT09 (0.97)	OhrimenkoSC09 (0.97)
Euclid	MouraSCL08 (0.25)	MouraSCL08a (0.27)	GilesH16 (0.33)	Puget95 (0.35)	PesantGPR99 (0.36)
Dot	HarjunkoskiMBC14 (125.00)	Beck99 (123.00)	ZarandiASC20 (120.00)	Astrand21 (120.00)	Lombardi10 (119.00)
Cosine	MouraSCL08 (0.83)	MouraSCL08a (0.80)	GilesH16 (0.68)	GoelSHFS15 (0.65)	HarjunkoskiMBC14 (0.64)
LopezAKYG00 R&C					
Euclid					
Dot					
Cosine					
LorigeonBB02 R&C	NuijtenA96 (0.95)	KorbaaYG00 (0.97)	ArtiguesF07 (0.97)	MalapertCGJLR12 (0.98)	MejiaY20 (0.98)
Euclid	JuvinHL23 (0.30)	BillautHL12 (0.31)	QinWSLS21 (0.32)	ParkUJR19 (0.33)	HebrardHJMPV16 (0.34)
Dot	Lunardi20 (117.00)	Groleaz21 (113.00)	Malapert11 (110.00)	AbreuNP23 (109.00)	Baptiste02 (108.00)
Cosine	QinWSLS21 (0.72)	JuvinHL23 (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)	Davis87 (0.23)	TranWDRFOVB16 (0.24)	ChapadosJR11 (0.24)	LudwigKRBMS14 (0.24)
Dot	Dejemeppe16 (66.00)	LaborieRSV18 (65.00)	ZarandiASC20 (63.00)	Astrand21 (62.00)	ZeballosCM10 (61.00)
Cosine	FukunagaHFAMN02 (0.74)	TranWDRFOVB16 (0.70)	NovasH14 (0.69)	NovasH12 (0.66)	AstrandJZ18 (0.66)
LozanoCDS12 R&C	MalikMB08 (0.95)	SimoninAHL12 (0.95)	BeldiceanuC02 (0.95)	Kuchcinski03 (0.95)	LetortCB15 (0.95)
Euclid	KuchcinskiW03 (0.24)	BockmayrP06 (0.24)	MalikMB08 (0.24)	WolfS05 (0.24)	LudwigKRBMS14 (0.25)
Dot	Malapert11 (85.00)	Dejemeppe16 (82.00)	Groleaz21 (81.00)	Lombardi10 (80.00)	HarjunkoskiMBC14 (80.00)
Cosine	BeniniBGM06 (0.77)	BockmayrP06 (0.74)	KuchcinskiW03 (0.74)	SimoninAHL15 (0.74)	WolfS05 (0.73)
LuZZYW24 R&C					
Euclid	ZouZ20 (0.45)	Ham18 (0.45)	LiuW11 (0.45)	Tom19 (0.45)	MakMS10 (0.45)
Dot	ZarandiASC20 (196.00)	Froger16 (180.00)	Astrand21 (169.00)	Lunardi20 (163.00)	Groleaz21 (162.00)
Cosine	Froger16 (0.66)	SacramentoSP20 (0.66)	GokPTGO23 (0.64)	SubulanC22 (0.63)	AfsarVPG23 (0.63)
LudwigKRBMS14 R&C					
Euclid	FukunagaHFAMN02 (0.18)	AngelsmarkJ00 (0.18)	LiuJ06 (0.18)	Rit86 (0.19)	BarlattCG08 (0.20)
Dot	Astrand21 (52.00)	Lunardi20 (50.00)	Lombardi10 (50.00)	ZarandiASC20 (49.00)	Malapert11 (49.00)
Cosine	FukunagaHFAMN02 (0.75)	SimoninAHL15 (0.73)	Rit86 (0.73)	SimoninAHL12 (0.73)	AngelsmarkJ00 (0.72)
Lunardi20 R&C					
Euclid	YunusogluY22 (0.50)	AfsarVPG23 (0.50)	LunardiBLRV20 (0.51)	MengZRZL20 (0.51)	OujanaAYB22 (0.51)
Dot	ZarandiASC20 (311.00)	Groleaz21 (293.00)	Astrand21 (258.00)	Dejemeppe16 (257.00)	IsikYA23 (246.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	IsikYA23 (0.75)	YunusogluY22 (0.74)	MengZRZL20 (0.74)	AfsarVPG23 (0.74)	LunardiBLRV20 (0.73)
LunardiBLRV20 R&C	HamC16 (0.88)	NaderiR22 (0.88)	HamP21 (0.89)	MengZRZL20 (0.89)	HeinzNVH22 (0.89)
Euclid	MurinR19 (0.36)	ZhangW18 (0.36)	JuvinHL23 (0.37)	CauwelaertDMS16 (0.37)	BillautHL12 (0.37)
Dot	Lunardi20 (184.00)	Groleaz21 (155.00)	NaderiRR23 (150.00)	ZarandiASC20 (148.00)	Astrand21 (147.00)
Cosine	ZhangW18 (0.76)	MurinR19 (0.74)	Lunardi20 (0.73)	HamPK21 (0.73)	Novas19 (0.71)
LuoB22 R&C	LaborieRSV18 (0.90)	ColT19 (0.93)	BeldiceanuCDP11 (0.94)	BeldiceanuCP08 (0.95)	Laborie18a (0.95)
Euclid	HookerY02 (0.35)	Balduccini11 (0.36)	PerezGSL23 (0.36)	abs-2312-13682 (0.36)	KhemmoudjPB06 (0.36)
Dot	Malapert11 (106.00)	LaborieRSV18 (99.00)	Godet21a (99.00)	Dejemeppe16 (99.00)	Lombardi10 (99.00)
Cosine	Madi-WambaLOBM17 (0.64)	Balduccini11 (0.61)	HookerY02 (0.60)	BonfiettiLBM14 (0.59)	PerezGSL23 (0.59)
LuoVLBM16 R&C					
Euclid	CrawfordB94 (0.20)	BridiLBBM16 (0.22)	LauLN08 (0.23)	FoxAS82 (0.23)	HebrardTW05 (0.24)
Dot	ZarandiASC20 (69.00)	Siala15a (62.00)	SenderovichBB19 (61.00)	Godet21a (61.00)	Dejemeppe16 (61.00)
Cosine	CrawfordB94 (0.75)	BridiLBBM16 (0.73)	Vilim05 (0.69)	FoxAS82 (0.68)	BeckPS03 (0.68)
Madi-WambaB16 R&C					
Euclid	LudwigKRBMS14 (0.24)	Caseau97 (0.24)	AngelsmarkJ00 (0.24)	Rit86 (0.25)	Puget95 (0.26)
Dot	Godet21a (75.00)	Dejemeppe16 (74.00)	Malapert11 (73.00)	Beck99 (72.00)	Fahimi16 (71.00)
Cosine	Caseau97 (0.70)	LudwigKRBMS14 (0.69)	ChuGNSW13 (0.69)	KovacsV04 (0.69)	AngelsmarkJ00 (0.69)
Madi-WambaLOBM17 R&C	GayHS15 (0.88)	DerrienPZ14 (0.89)	GayHS15a (0.90)	OuelletQ13 (0.91)	LetortCB15 (0.91)
Euclid	ChuGNSW13 (0.27)	KovacsV04 (0.29)	Bartak02a (0.29)	MurphyMB15 (0.29)	BoothNB16 (0.30)
Dot	Beck99 (119.00)	Lombardi10 (118.00)	Baptiste02 (117.00)	Malapert11 (115.00)	Dejemeppe16 (114.00)
Cosine	ChuGNSW13 (0.77)	KovacsV04 (0.76)	Bartak02a (0.76)	TrojetHL11 (0.74)	MurphyMB15 (0.73)
MakMS10 R&C					
Euclid	Limtanyakul07 (0.24)	Sadykov04 (0.26)	LauLN08 (0.27)	VanczaM01 (0.27)	KamarainenS02 (0.27)
Dot	ZarandiASC20 (97.00)	Beck99 (95.00)	Astrand21 (94.00)	Groleaz21 (90.00)	BeckDDF98 (90.00)
Cosine	Limtanyakul07 (0.75)	ZeballosH05 (0.75)	KhayatLR06 (0.74)	NovasH14 (0.74)	LiuW11 (0.73)
Malapert11 R&C					
Euclid	Fahimi16 (0.57)	MalapertCGJLR12 (0.59)	GrimesH15 (0.60)	FahimiOQ18 (0.61)	GokgurHO18 (0.61)
Dot	Dejemeppe16 (307.00)	Baptiste02 (297.00)	Groleaz21 (292.00)	Fahimi16 (280.00)	ZarandiASC20 (278.00)
Cosine	Fahimi16 (0.73)	MalapertCGJLR12 (0.69)	GrimesH15 (0.68)	Baptiste02 (0.67)	Schutt11 (0.67)
MalapertCGJLR12 R&C	MejiaY20 (0.77)	GrimesHM09 (0.78)	AbreuAPNM21 (0.83)	JussienL02 (0.86)	MonetteDD07 (0.88)
Euclid	MalapertCGJLR13 (0.30)	GrimesHM09 (0.33)	TanSD10 (0.34)	GrimesH10 (0.35)	MonetteDD07 (0.35)
Dot	Groleaz21 (202.00)	Malapert11 (199.00)	ZarandiASC20 (178.00)	Dejemeppe16 (178.00)	GrimesH15 (176.00)
Cosine	MalapertCGJLR13 (0.84)	GrimesHM09 (0.80)	GrimesH10 (0.78)	GrimesH15 (0.77)	TanSD10 (0.77)
MalapertCGJLR13 R&C					
Euclid	KovacsV04 (0.26)	HeipckeCCS00 (0.27)	Caseau97 (0.27)	ChuGNSW13 (0.28)	Bartak02a (0.28)
Dot	Groleaz21 (130.00)	Malapert11 (128.00)	ZarandiASC20 (125.00)	Baptiste02 (122.00)	Godet21a (116.00)
Cosine	MalapertCGJLR12 (0.84)	BartakSR08 (0.81)	GrimesHM09 (0.80)	GrimesH10 (0.79)	KovacsV04 (0.78)
MalapertGR12 R&C	KoschB14 (0.82)	TangB20 (0.86)	LacknerMMWW23 (0.89)	HamFC17 (0.92)	ZeballosNH11 (0.96)
Euclid					
Dot					
Cosine					
MalapertN19 R&C	NattafDYW19 (0.75)	NattafM20 (0.92)	TangB20 (0.95)	GokgurHO18 (0.98)	EmdeZD22 (0.98)
Euclid	NattafM20 (0.24)	Ham18a (0.34)	NattafDYW19 (0.34)	GedikKEK18 (0.37)	ArbaouiY18 (0.37)
Dot	Groleaz21 (153.00)	NaderiRR23 (152.00)	YunusogluY22 (135.00)	ZarandiASC20 (135.00)	Lunardi20 (134.00)
Cosine	NattafM20 (0.89)	Ham18a (0.76)	NattafDYW19 (0.76)	GedikKEK18 (0.75)	ArbaouiY18 (0.71)
Malik08 R&C					
Euclid	MalikMB08 (0.25)	BegB13 (0.25)	KuchcinskiW03 (0.30)	OddiPCC03 (0.30)	ErtlK91 (0.31)
Dot	Dejemeppe16 (121.00)	Lombardi10 (117.00)	Fahimi16 (113.00)	Caballero19 (112.00)	Groleaz21 (111.00)
Cosine	MalikMB08 (0.81)	BegB13 (0.81)	OddiPCC03 (0.71)	KuchcinskiW03 (0.71)	BonfiettiLBM14 (0.70)
MalikMB08 R&C	BegB13 (0.88)	ErtlK91 (0.89)	KovacsV04 (0.89)	Davenport10 (0.90)	LimtanyakulS12 (0.91)
Euclid	BegB13 (0.20)	KuchcinskiW03 (0.22)	ErtlK91 (0.22)	LozanoCDS12 (0.24)	Malik08 (0.25)
Dot	Malik08 (72.00)	Caballero19 (71.00)	Dejemeppe16 (69.00)	Kuchcinski03 (69.00)	Siala15a (66.00)
Cosine	BegB13 (0.83)	Malik08 (0.81)	KuchcinskiW03 (0.77)	ErtlK91 (0.75)	LozanoCDS12 (0.73)
MaraveliasCG04 R&C	RoePS05 (0.68)	HarjunkoskiG02 (0.77)	MaraveliasG04 (0.77)	JainG01 (0.84)	ZeballosNH11 (0.85)
Euclid	GilesH16 (0.29)	AstrandJZ18 (0.30)	ZibranR11a (0.30)	QuirogaZH05 (0.30)	KrogtLPHJ07 (0.31)
Dot	Dejemeppe16 (113.00)	Malapert11 (111.00)	ZarandiASC20 (110.00)	Astrand21 (110.00)	HarjunkoskiMBC14 (110.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	QuirogaZH05 (0.74)	ZeballosNH11 (0.74)	GilesH16 (0.74)	AstrandJZ18 (0.72)	NovaraNH16 (0.71)
MaraveliasG04 R&C	MaraveliasCG04 (0.77)	HamdiL13 (0.81)	CobanH10 (0.83)	ChuX05 (0.86)	CireCH13 (0.86)
Euclid	Baptiste09 (0.13)	KameugneF13 (0.13)	Layfield02 (0.14)	AbrilSB05 (0.15)	CarchraeBF05 (0.16)
Dot	Layfield02 (6.00)	ZeballosNH11 (4.00)	BeldiceanuC94 (4.00)	KorbaaYG99 (2.00)	Froger16 (2.00)
Cosine	Layfield02 (0.65)	BeldiceanuC94 (0.17)	ZeballosNH11 (0.16)	LudwigKRBMS14 (0.15)	KorbaaYG99 (0.10)
MarliereSPR23 R&C	CappartS17 (0.96)	Laborie18a (0.98)	ColT2019a (0.98)	ColT19 (0.98)	VlkHT21 (0.98)
Euclid	CappartS17 (0.36)	Rodriguez07b (0.36)	Rodriguez07 (0.36)	RodriguezS09 (0.37)	NishikawaSTT19 (0.38)
Dot	ZarandiASC20 (144.00)	Lombardi10 (133.00)	Lemos21 (131.00)	LaborieRSV18 (130.00)	Astrand21 (127.00)
Cosine	CappartS17 (0.71)	Rodriguez07b (0.70)	Rodriguez07 (0.70)	RodriguezS09 (0.69)	NishikawaSTT19 (0.65)
MartinPY01 R&C	NovasH14 (0.98)	GoelSHFS15 (0.98)	ArtiguesF07 (0.98)	Rodriguez07 (0.98)	KhayatLR06 (0.99)
Euclid	Touraivane95 (0.27)	PesantGPR99 (0.28)	FalaschiGMP97 (0.28)	Acuna-AgostMFG09 (0.29)	JelinekB16 (0.31)
Dot	ZarandiASC20 (85.00)	Wallace96 (79.00)	Simonis99 (77.00)	Lemos21 (77.00)	Baptiste02 (77.00)
Cosine	Touraivane95 (0.69)	PesantGPR99 (0.68)	LammaMM97 (0.67)	FalaschiGMP97 (0.66)	Wallace96 (0.64)
MartnezAJ22 R&C	ElciOH22 (0.54)	NaderiR22 (0.73)	RoshanaeiN21 (0.80)	RoshanaeiBAUB20 (0.82)	FachiniA20 (0.84)
Euclid					
Dot					
Cosine					
Mason01 R&C	EdisO11a (0.98)				
Euclid	ZibranR11 (0.29)	HebrardALLCMR22 (0.30)	Acuna-AgostMFG09 (0.31)	ChapadosJR11 (0.31)	ZibranR11a (0.31)
Dot	ZarandiASC20 (70.00)	MilanoW09 (68.00)	MilanoW06 (68.00)	QinDS16 (63.00)	BourreauGGLT22 (61.00)
Cosine	Gronkvist06 (0.62)	BourreauGGLT22 (0.57)	ZibranR11 (0.57)	EreminW01 (0.57)	HachemiGR11 (0.56)
Mehdizadeh-Somarin23 R&C					
Euclid	JuvinHL23 (0.30)	BillautHL12 (0.31)	TanT18 (0.33)	WatsonB08 (0.34)	LiFJZLL22 (0.34)
Dot	ZarandiASC20 (154.00)	Groleaz21 (153.00)	Lunardi20 (143.00)	Astrand21 (136.00)	Baptiste02 (125.00)
Cosine	TerekhovTDB14 (0.75)	JuvinHL23 (0.74)	BillautHL12 (0.74)	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 (0.35)	AbreuPNF23 (0.38)	AbreuNP23 (0.38)	AbreuN22 (0.38)	AfsarVPG23 (0.42)
Dot	ZarandiASC20 (204.00)	Lunardi20 (190.00)	Groleaz21 (188.00)	IsikYA23 (174.00)	AbreuN22 (174.00)
Cosine	AbreuAPNM21 (0.80)	AbreuN22 (0.78)	AbreuPNF23 (0.78)	AbreuNP23 (0.78)	MengZRZL20 (0.74)
MelgarejoLS15 R&C	BartoliniBBLM14 (0.95)	MusliuSS18 (0.95)	GilesH16 (0.96)	KoehlerBFFHPSSS21 (0.97)	BartakSR08 (0.97)
Euclid	GedikKBR17 (0.31)	LipovetzkyBPS14 (0.32)	Rit86 (0.32)	BandaSC11 (0.33)	NishikawaSTT18 (0.33)
Dot	Groleaz21 (105.00)	Lunardi20 (102.00)	Astrand21 (99.00)	LaborieRSV18 (98.00)	Malapert11 (97.00)
Cosine	GedikKBR17 (0.68)	LipovetzkyBPS14 (0.65)	LaborieR14 (0.65)	HeipckeCCS00 (0.64)	GeibingerMM21 (0.64)
Menana11 R&C					
Euclid	abs-1902-01193 (0.35)	BenoistGR02 (0.39)	BofillGSV15 (0.39)	LiuLH19 (0.39)	AbdennadherS99 (0.40)
Dot	Malapert11 (109.00)	Dejemeppe16 (106.00)	Siala15a (103.00)	ZarandiASC20 (102.00)	Godet21a (101.00)
Cosine	abs-1902-01193 (0.65)	Derrien15 (0.54)	Simonis07 (0.54)	German18 (0.53)	LiuLH19 (0.53)
MenciaSV12 R&C	MenciaSV13 (0.63)	ColT2019a (0.84)	WatsonB08 (0.86)	BeckFW11 (0.87)	DomdorfPH03 (0.88)
Euclid	MenciaSV13 (0.21)	SourdN00 (0.30)	TanSD10 (0.30)	ArtiguesF07 (0.31)	ArtiguesBF04 (0.33)
Dot	Baptiste02 (174.00)	ZarandiASC20 (171.00)	Groleaz21 (164.00)	Dejemeppe16 (158.00)	Malapert11 (151.00)
Cosine	MenciaSV13 (0.91)	SourdN00 (0.82)	ArtiguesF07 (0.80)	TanSD10 (0.79)	NuijtenP98 (0.78)
MenciaSV13 R&C	MenciaSV12 (0.63)	BeckFW11 (0.85)	WatsonB08 (0.87)	GrimesHM09 (0.89)	DomdorfPH03 (0.91)
Euclid	MenciaSV12 (0.21)	TanSD10 (0.28)	SourdN00 (0.29)	ArtiguesBF04 (0.29)	ArtiguesF07 (0.30)
Dot	Baptiste02 (161.00)	ZarandiASC20 (154.00)	Dejemeppe16 (150.00)	Groleaz21 (148.00)	Malapert11 (145.00)
Cosine	MenciaSV12 (0.91)	SourdN00 (0.82)	TanSD10 (0.80)	ArtiguesBF04 (0.79)	ArtiguesF07 (0.79)
MengGRZSC22 R&C	MengZRZL20 (0.72)	MengLZB21 (0.90)	OujanaAYB22 (0.91)	YunusogluY22 (0.94)	AbreuN22 (0.95)
Euclid	MengZRZL20 (0.34)	ZhangJZL22 (0.36)	HamPK21 (0.36)	LiFJZLL22 (0.37)	Novas19 (0.38)
Dot	ZarandiASC20 (184.00)	MengZRZL20 (183.00)	IsikYA23 (172.00)	NaderiRR23 (168.00)	Lunardi20 (165.00)
Cosine	MengZRZL20 (0.83)	HamPK21 (0.77)	Novas19 (0.76)	ZhangJZL22 (0.75)	MengLZB21 (0.74)
MengLZB21 R&C	NaderiRR23 (0.81)	SacramentoSP20 (0.83)	MengZRZL20 (0.84)	HamPK21 (0.85)	AbreuAPNM21 (0.88)
Euclid	MengZRZL20 (0.35)	ZhangJZL22 (0.37)	Novas19 (0.38)	MengGRZSC22 (0.40)	HamC16 (0.41)
Dot	ZarandiASC20 (193.00)	MengZRZL20 (189.00)	IsikYA23 (187.00)	Lunardi20 (177.00)	Groleaz21 (176.00)
Cosine	MengZRZL20 (0.83)	Novas19 (0.77)	IsikYA23 (0.75)	ZhangJZL22 (0.75)	MengGRZSC22 (0.74)
MengZRZL20 R&C	MengGRZSC22 (0.72)	MengLZB21 (0.84)	GedikKEK18 (0.87)	LunardiBLRV20 (0.89)	HamPK21 (0.89)
Euclid	MengGRZSC22 (0.34)	MengLZB21 (0.35)	Novas19 (0.38)	HamPK21 (0.39)	IsikYA23 (0.39)
Dot	ZarandiASC20 (241.00)	IsikYA23 (225.00)	Lunardi20 (223.00)	Groleaz21 (223.00)	NaderiRR23 (216.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	MengGRZSC22 (0.83)	MengLZB21 (0.83)	IsikYA23 (0.82)	Novas19 (0.80)	HamPK21 (0.78)
Mercier-AubinGQ20 R&C	DerrienPZ14 (0.80)	LombardiM09 (0.89)	SzerediS16 (0.93)	Laborie09 (0.93)	GrimesH11 (0.94)
Euclid	Hooker06 (0.35)	Hooker05a (0.35)	MonetteDH09 (0.36)	KovacsV06 (0.38)	OzturkTHO12 (0.39)
Dot	Dejemeppe16 (172.00)	Groleaz21 (164.00)	Lombardi10 (161.00)	Baptiste02 (156.00)	ZarandiASC20 (150.00)
Cosine	MonetteDH09 (0.73)	Hooker06 (0.73)	LombardiM12 (0.72)	Hooker05a (0.72)	KelbelH11 (0.70)
MercierH07 R&C	MercierH08 (0.72)	VilimBC04 (0.78)	Puget95 (0.80)	Vilim05 (0.81)	SchuttWS05 (0.83)
Euclid	MercierH08 (0.32)	VilimBC05 (0.33)	VilimBC04 (0.33)	TorresL00 (0.33)	Zhou96 (0.34)
Dot	Baptiste02 (170.00)	Lombardi10 (162.00)	Fahimi16 (158.00)	Beck99 (154.00)	Schutt11 (152.00)
Cosine	MercierH08 (0.77)	VilimBC05 (0.76)	TorresL00 (0.76)	VilimBC04 (0.75)	Zhou97 (0.74)
MercierH08 R&C	Vilim09 (0.68)	MercierH07 (0.72)	SchuttW10 (0.72)	SchuttWS05 (0.76)	KameugneFSN14 (0.76)
Euclid	SchuttWS05 (0.24)	BeldiceanuP07 (0.25)	Caseau97 (0.26)	PoderB08 (0.27)	Kameugne15 (0.27)
Dot	Lombardi10 (95.00)	Baptiste02 (95.00)	MercierH07 (92.00)	Dejemeppe16 (88.00)	BartakSR10 (88.00)
Cosine	SchuttWS05 (0.78)	MercierH07 (0.77)	BeldiceanuP07 (0.74)	KameugneFSN14 (0.72)	Caseau97 (0.70)
MeskensDHG11 R&C					
Euclid					
Dot					
Cosine					
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					
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 (0.41)	Hooker06 (0.43)	EreminW01 (0.43)
Dot	MilanoW09 (217.00)	ZarandiASC20 (179.00)	Dejemeppe16 (177.00)	Groleaz21 (174.00)	Lombardi10 (169.00)
Cosine	MilanoW09 (0.97)	Hooker19 (0.72)	JainG01 (0.70)	HookerH17 (0.68)	QinDS16 (0.67)
MilanoW09 R&C	MilanoW06 (0.61)	AchterbergBKW08 (0.81)	GuyonLPR12 (0.84)	Milano11 (0.85)	Wallace06 (0.90)
Euclid	MilanoW06 (0.14)	Hooker19 (0.44)	Hooker06 (0.45)	JainG01 (0.45)	HeinzKB13 (0.45)
Dot	MilanoW06 (217.00)	Dejemeppe16 (178.00)	ZarandiASC20 (176.00)	Groleaz21 (174.00)	Lombardi10 (172.00)
Cosine	MilanoW06 (0.97)	Hooker19 (0.70)	HookerH17 (0.68)	QinDS16 (0.66)	Hooker06 (0.65)
MintonJPL90 R&C					
Euclid	FukunagaHFAMN02 (0.30)	DilkinaH04 (0.31)	LudwigKRBMS14 (0.31)	AngelsmarkJ00 (0.31)	EskeyZ90 (0.31)
Dot	ZarandiASC20 (93.00)	Beck99 (82.00)	Lombardi10 (80.00)	Astrand21 (78.00)	Lemos21 (78.00)
Cosine	EskeyZ90 (0.62)	ReddyFIBKAJ11 (0.60)	FrankK05 (0.60)	BarbulescuWH04 (0.59)	GarridoOS08 (0.58)
MintonJPL92 R&C	SadehF96 (0.89)	SmithBHW96 (0.94)	NuijtenA96 (0.94)	BartakSR08 (0.94)	Darby-DowmanLMZ97 (0.94)
Euclid					
Dot					
Cosine					
MoffittPP05 R&C					
Euclid	Valdes87 (0.20)	LiuJ06 (0.21)	Davis87 (0.21)	FrostD98 (0.22)	Rit86 (0.23)
Dot	Siala15a (57.00)	Godet21a (56.00)	Malapert11 (56.00)	Baptiste02 (56.00)	PapaB98 (51.00)
Cosine	OddiRC10 (0.62)	BartakCS10 (0.61)	Bartak02 (0.60)	Valdes87 (0.59)	FoxS90 (0.59)
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 (0.33)	NishikawaSTT18 (0.34)
Dot	ZarandiASC20 (139.00)	Astrand21 (127.00)	IsikYA23 (126.00)	Lunardi20 (125.00)	PrataAN23 (118.00)
Cosine	WessenCS20 (0.76)	BehrensLM19 (0.72)	Fatemi-AnarakiTFV23 (0.72)	abs-1901-07914 (0.71)	HeinzNVH22 (0.71)
MonetteDD07 R&C	ArtiouchineB05 (0.74)	Vilim05 (0.80)	Wolf05 (0.80)	SourdN00 (0.81)	DorndorfHP99 (0.81)
Euclid	Wolf03 (0.24)	Wolf05 (0.28)	TanSD10 (0.30)	MalapertCGJLR13 (0.31)	Vilim05 (0.31)
Dot	Fahimi16 (144.00)	Baptiste02 (143.00)	Schutt11 (137.00)	Dejemeppe16 (136.00)	Malapert11 (136.00)
Cosine	Wolf03 (0.86)	Wolf05 (0.81)	FahimiOQ18 (0.78)	TanSD10 (0.76)	MalapertCGJLR12 (0.76)
MonetteDH09 R&C	ZhangLS12 (0.90)	KelbelH11 (0.90)	QuirogaZH05 (0.91)	Geske05 (0.91)	SchausHMCMD11 (0.91)
Euclid	HeipckeCCS00 (0.28)	HentenryckM04 (0.29)	BeckPS03 (0.29)	LaborieR14 (0.30)	Colombani96 (0.30)
Dot	Dejemeppe16 (166.00)	Groleaz21 (157.00)	Baptiste02 (152.00)	ZarandiASC20 (148.00)	Lombardi10 (148.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	KelbelH11 (0.81)	BeckPS03 (0.81)	HeipckeCCS00 (0.80)	HentenryckM04 (0.80)	LaborieR14 (0.80)
MontemanniD23 R&C	MontemanniD23a (0.63)	Ham18 (0.97)	CauwelaertLS18 (0.98)	BalochG20 (0.98)	
Euclid	MontemanniD23a (0.20)	GomesHS06 (0.27)	BarzegaranZP20 (0.27)	QuSN06 (0.27)	AkramNHRSA23 (0.27)
Dot	Groleaz21 (71.00)	abs-2402-00459 (69.00)	Lunardi20 (69.00)	ZarandiASC20 (68.00)	FachiniA20 (64.00)
Cosine	MontemanniD23a (0.82)	BarzegaranZP20 (0.65)	AkramNHRSA23 (0.64)	FachiniA20 (0.63)	QuSN06 (0.61)
MontemanniD23a R&C	MontemanniD23 (0.63)	Ham18 (0.96)	CauwelaertLS18 (0.98)	BalochG20 (0.98)	
Euclid	MontemanniD23 (0.20)	BarzegaranZP20 (0.27)	ZibranR11 (0.27)	AkramNHRSA23 (0.29)	GomesHS06 (0.29)
Dot	Groleaz21 (72.00)	Froger16 (65.00)	Schutt11 (64.00)	Astrand21 (63.00)	Lunardi20 (63.00)
Cosine	MontemanniD23 (0.82)	BarzegaranZP20 (0.67)	AkramNHRSA23 (0.62)	Rodriguez07 (0.60)	ZibranR11 (0.59)
MorgadoM97 R&C					
Euclid	CrawfordB94 (0.29)	BridiLBBM16 (0.29)	LuoVLBM16 (0.30)	Puget95 (0.30)	TranDRFWOVB16 (0.30)
Dot	ZarandiASC20 (105.00)	LaborieRSV18 (91.00)	Beck99 (90.00)	Astrand21 (85.00)	Godet21a (85.00)
Cosine	CappartS17 (0.72)	Pape94 (0.69)	BeckPS03 (0.69)	Rodriguez07 (0.68)	BridiLBBM16 (0.66)
MossigeGSMC17 R&C	SzerediS16 (0.83)	AmadiniGM16 (0.88)	SchuttFSW15 (0.90)	BeldiceanuC02 (0.90)	BeldiceanuCDP11 (0.90)
Euclid	HeipckeCCS00 (0.34)	KovacsV06 (0.35)	TrojetHL11 (0.36)	SchuttFS13 (0.36)	VilimLS15 (0.36)
Dot	Dejemeppe16 (171.00)	ZarandiASC20 (162.00)	Schutt11 (162.00)	Godet21a (161.00)	Groleaz21 (157.00)
Cosine	HeipckeCCS00 (0.75)	VilimLS15 (0.74)	KovacsV06 (0.74)	SchuttFS13 (0.73)	TrojetHL11 (0.73)
MouraSCL08 R&C	LopesCSM10 (0.52)	MouraSCL08a (0.60)	ThiruvadyBME09 (0.95)	OhrimenkoSC09 (0.96)	Simonis99 (0.96)
Euclid	LopesCSM10 (0.25)	Muscettola02 (0.26)	MouraSCL08a (0.27)	LombardiM13 (0.27)	ZibranR11a (0.28)
Dot	LopesCSM10 (87.00)	Lombardi10 (86.00)	Malapert11 (79.00)	ZarandiASC20 (78.00)	Astrand21 (77.00)
Cosine	LopesCSM10 (0.83)	MouraSCL08a (0.72)	Muscettola02 (0.70)	GilesH16 (0.68)	BeniniBGM06 (0.66)
MouraSCL08a R&C	LopesCSM10 (0.60)	MouraSCL08 (0.60)	ThiruvadyBME09 (0.96)	RenT09 (0.96)	OhrimenkoSC09 (0.97)
Euclid	MouraSCL08 (0.27)	LopesCSM10 (0.27)	PesantGPR99 (0.29)	ZibranR11 (0.30)	ZibranR11a (0.31)
Dot	Beck99 (92.00)	HarjunkoskiMBC14 (90.00)	Lombardi10 (87.00)	LopesCSM10 (85.00)	Astrand21 (85.00)
Cosine	LopesCSM10 (0.80)	MouraSCL08 (0.72)	PesantGPR99 (0.64)	GilesH16 (0.62)	BourreauGGLT22 (0.61)
MullerMKP22 R&C	JuvinHL22 (0.91)	JuvinHL23a (0.92)	DomdorfPH03 (0.92)	DorndorfPH99 (0.92)	NaderiR22 (0.93)
Euclid	HamP21 (0.41)	abs-2211-14492 (0.42)	Teppan22 (0.43)	KotaryFH22 (0.43)	HamC16 (0.43)
Dot	ZarandiASC20 (185.00)	Groleaz21 (183.00)	Lunardi20 (170.00)	Dejemeppe16 (161.00)	ColT22 (160.00)
Cosine	abs-2211-14492 (0.72)	HamP21 (0.69)	TasselGS23 (0.67)	abs-2306-05747 (0.67)	YuraszeckMCCR23 (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 (0.33)	DavenportKRSH07 (0.33)	Ham20a (0.33)
Dot	Lunardi20 (150.00)	LaborieRSV18 (149.00)	Astrand21 (139.00)	Groleaz21 (134.00)	ZarandiASC20 (132.00)
Cosine	NovasH14 (0.78)	KhayatLR06 (0.76)	CzerniachowskaWZ23 (0.75)	LunardiBLRV20 (0.74)	CauwelaertDMS16 (0.74)
MurphyMB15 R&C	CarlierPSJ20 (0.93)	DorndorfHP99 (0.95)	LimHTB16 (0.95)	Simonis95 (0.96)	Geske05 (0.96)
Euclid	BockmayrP06 (0.22)	Davis87 (0.24)	WolfS05 (0.24)	FukunagaHFAMN02 (0.24)	PoderB08 (0.24)
Dot	Lombardi10 (87.00)	Fahimi16 (81.00)	Dejemeppe16 (79.00)	Malapert11 (78.00)	Astrand21 (77.00)
Cosine	BockmayrP06 (0.77)	Madi-WambaLOBM17 (0.73)	WolfS05 (0.73)	BoothNB16 (0.73)	AstrandJZ18 (0.71)
MurphyRFSS97 R&C					
Euclid	FukunagaHFAMN02 (0.24)	AngelsmarkJ00 (0.24)	LudwigKRBMS14 (0.24)	LiuJ06 (0.25)	Davis87 (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)	FukunagaHFAMN02 (0.64)	GilesH16 (0.63)	BrusoniCLMMT96 (0.62)
MurthyRAW97 R&C					
Euclid					
Dot					
Cosine					
Muscettola02 R&C	Kumar03 (0.89)	Laborie03 (0.90)	LombardiM09 (0.90)	CestaOPS14 (0.90)	PraletLJ15 (0.92)
Euclid	LombardiM13 (0.21)	Muscettola94 (0.23)	BonfiettiM12 (0.23)	LeeKLKKYHP97 (0.24)	KovacsEKV05 (0.24)
Dot	Laborie03 (67.00)	Siala15a (66.00)	Malapert11 (66.00)	ZarandiASC20 (63.00)	Baptiste02 (63.00)
Cosine	Muscettola94 (0.78)	LombardiM13 (0.74)	KeriK07 (0.72)	Vilim04 (0.71)	MouraSCL08 (0.70)
Muscettola94 R&C					
Euclid	OddiS97 (0.21)	Muscettola02 (0.23)	Junker00 (0.26)	SmithC93 (0.27)	DoomsH08 (0.27)
Dot	ZarandiASC20 (97.00)	Astrand21 (97.00)	Dejemeppe16 (96.00)	Lombardi10 (92.00)	Groleaz21 (91.00)
Cosine	OddiS97 (0.84)	SadehF96 (0.78)	Muscettola02 (0.78)	CestaOS00 (0.74)	Junker00 (0.74)
MusliuSS18 R&C	GokGSTO20 (0.86)	FrohnerTR19 (0.90)	GeibingerMM19 (0.90)	HoYCLLCLC18 (0.95)	DemirovicS18 (0.95)
Euclid	PesantRR15 (0.32)	ZibranR11 (0.33)	ChapadosJR11 (0.33)	JungblutK22 (0.33)	ZibranR11a (0.34)
Dot	Dejemeppe16 (82.00)	Siala15a (80.00)	Godet21a (77.00)	Caballero19 (76.00)	abs-1911-04766 (74.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	AstrandJZ18 (0.60)	PesantRR15 (0.60)	BorghesiBLMB18 (0.59)	BourdaisGP03 (0.57)	JungblutK22 (0.57)
NaderiBZ22 R&C	NaderiRR23 (0.86)	NaderiBZ22a (0.92)	NaderiRBAU21 (0.92)	NaderiBZR23 (0.94)	RoshanaeiN21 (0.94)
Euclid	NaderiBZ23 (0.09)	RoshanaeiN21 (0.34)	ElciOH22 (0.36)	HamdiL13 (0.37)	TanZWGQ19 (0.39)
Dot	NaderiBZ23 (189.00)	NaderiRR23 (185.00)	Groleaz21 (182.00)	ZarandiASC20 (174.00)	Lunardi20 (169.00)
Cosine	NaderiBZ23 (0.99)	RoshanaeiN21 (0.79)	NaderiRR23 (0.76)	ElciOH22 (0.74)	HamdiL13 (0.72)
NaderiBZ22a R&C	ZhangYW21 (0.79)	CilKLO22 (0.85)	ShiYXQ22 (0.85)	PohlAK22 (0.86)	ZhuSZW23 (0.88)
Euclid	ZhangYW21 (0.31)	EmeretlisTAV17 (0.34)	ZhuSZW23 (0.35)	TanT18 (0.36)	JuvinHL23a (0.36)
Dot	ZarandiASC20 (186.00)	Groleaz21 (185.00)	NaderiRR23 (179.00)	Lunardi20 (176.00)	IsikYA23 (163.00)
Cosine	ZhangYW21 (0.82)	ZhuSZW23 (0.80)	JuvinHL23a (0.78)	JuvinHL22 (0.77)	EmeretlisTAV17 (0.77)
NaderiBZ23 R&C	NaderiRR23 (0.85)	NaderiBZ22a (0.91)	NaderiBZR23 (0.92)	NaderiRBAU21 (0.93)	RoshanaeiN21 (0.94)
Euclid	NaderiBZ22 (0.09)	RoshanaeiN21 (0.34)	ElciOH22 (0.37)	HamdiL13 (0.39)	RoshanaeiBAUB20 (0.40)
Dot	NaderiBZ22 (189.00)	NaderiRR23 (187.00)	Groleaz21 (183.00)	ZarandiASC20 (175.00)	Lunardi20 (171.00)
Cosine	NaderiBZ22 (0.99)	RoshanaeiN21 (0.79)	NaderiRR23 (0.75)	ElciOH22 (0.73)	RoshanaeiBAUB20 (0.71)
NaderiBZR23 R&C	NaderiRBAU21 (0.87)	HechingHK19 (0.88)	MartnezAJ22 (0.90)	RoshanaeiBAUB20 (0.92)	NaderiBZ23 (0.92)
Euclid	RoshanaeiBAUB20 (0.33)	RoshanaeiLAU17 (0.35)	RiiseML16 (0.37)	HechingH16 (0.37)	ForbesHJST24 (0.38)
Dot	ZarandiASC20 (132.00)	RoshanaeiBAUB20 (123.00)	Groleaz21 (122.00)	NaderiBZ23 (121.00)	RoshanaeiLAU17 (120.00)
Cosine	RoshanaeiBAUB20 (0.78)	RoshanaeiLAU17 (0.75)	RiiseML16 (0.69)	NaderiBZ23 (0.69)	NaderiBZ22 (0.67)
NaderiR22 R&C	ElciOH22 (0.67)	MartnezAJ22 (0.73)	JuvinHL23a (0.84)	RoshanaeiN21 (0.85)	JuvinHL22 (0.86)
Euclid					
Dot					
Cosine					
NaderiRBAU21 R&C	RoshanaeiN21 (0.64)	RoshanaeiBAUB20 (0.67)	RoshanaeiLAU17 (0.78)	RoshanaeiLAU17a (0.80)	MartnezAJ22 (0.84)
Euclid					
Dot					
Cosine					
NaderiRR23 R&C	MengLZB21 (0.81)	NaderiBZ23 (0.85)	NaderiBZ22 (0.86)	NaderiRBAU21 (0.88)	RoshanaeiN21 (0.90)
Euclid	NaderiBZ22 (0.45)	MengZRZL20 (0.46)	NaderiBZ23 (0.46)	GrimesH15 (0.46)	NaderiBZ22a (0.47)
Dot	Groleaz21 (279.00)	ZarandiASC20 (240.00)	Lunardi20 (226.00)	GrimesH15 (224.00)	Baptiste02 (222.00)
Cosine	MengZRZL20 (0.76)	GrimesH15 (0.76)	NaderiBZ22 (0.76)	NaderiBZ23 (0.75)	NaderiBZ22a (0.73)
Nattaf16 R&C					
Euclid	NattafAL15 (0.44)	NattafAL17 (0.44)	DemasseyAM05 (0.45)	ArbaouiY18 (0.45)	BaptistePN99 (0.45)
Dot	Groleaz21 (186.00)	Baptiste02 (186.00)	Malapert11 (175.00)	ZarandiASC20 (162.00)	Dejemeppe16 (157.00)
Cosine	Demassey03 (0.68)	GokgurHO18 (0.67)	Elkhyari03 (0.66)	Kameugne14 (0.66)	NattafAL15 (0.66)
NattafAL15 R&C	NattafALR16 (0.29)	NattafHKAL19 (0.67)	ArtiguesL14 (0.75)	NattafAL17 (0.77)	ArtiguesLH13 (0.85)
Euclid	NattafALR16 (0.10)	ArtiguesL14 (0.20)	NattafHKAL19 (0.24)	CarlierPSJ20 (0.28)	NattafAL17 (0.28)
Dot	NattafALR16 (121.00)	Lombardi10 (113.00)	Baptiste02 (109.00)	Nattaf16 (108.00)	Fahimi16 (108.00)
Cosine	NattafALR16 (0.97)	ArtiguesL14 (0.89)	NattafHKAL19 (0.84)	CarlierPSJ20 (0.77)	NattafAL17 (0.76)
NattafAL17 R&C	NattafALR16 (0.73)	NattafAL15 (0.77)	ArtiguesL14 (0.78)	NattafHKAL19 (0.82)	LetortCB15 (0.86)
Euclid	ArtiguesL14 (0.27)	Caseau97 (0.28)	NattafAL15 (0.28)	ChuGNSW13 (0.28)	WolfS05 (0.29)
Dot	Lombardi10 (104.00)	Baptiste02 (100.00)	Fahimi16 (99.00)	Malapert11 (95.00)	Nattaf16 (93.00)
Cosine	ArtiguesL14 (0.77)	NattafAL15 (0.76)	NattafALR16 (0.74)	NattafHKAL19 (0.73)	ChuGNSW13 (0.70)
NattafALR16 R&C	NattafAL15 (0.29)	NattafHKAL19 (0.64)	NattafAL17 (0.73)	ArtiguesL14 (0.86)	CarlierSJP21 (0.87)
Euclid	NattafAL15 (0.10)	ArtiguesL14 (0.23)	NattafHKAL19 (0.25)	CarlierPSJ20 (0.30)	NattafAL17 (0.30)
Dot	NattafAL15 (121.00)	Lombardi10 (117.00)	Baptiste02 (111.00)	Fahimi16 (110.00)	Godet21a (107.00)
Cosine	NattafAL15 (0.97)	ArtiguesL14 (0.86)	NattafHKAL19 (0.83)	CarlierPSJ20 (0.74)	NattafAL17 (0.74)
NattafDYW19 R&C	MalapertN19 (0.75)	Ham18a (0.84)	ZeballosM09 (0.91)	Zeballos10 (0.92)	QuirogaZH05 (0.93)
Euclid	Ham18a (0.29)	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)	GedikKEK18 (0.75)	ArbaouiY18 (0.74)	NattafM20 (0.72)
NattafHKAL19 R&C	NattafALR16 (0.64)	NattafAL15 (0.67)	NattafAL17 (0.82)	CarlierPSJ20 (0.82)	CarlierSJP21 (0.82)
Euclid	NattafAL15 (0.24)	ArtiguesL14 (0.24)	NattafALR16 (0.25)	PoderB08 (0.29)	NattafAL17 (0.30)
Dot	Baptiste02 (118.00)	Lombardi10 (117.00)	Godet21a (109.00)	Groleaz21 (109.00)	ZarandiASC20 (106.00)
Cosine	NattafAL15 (0.84)	ArtiguesL14 (0.83)	NattafALR16 (0.83)	NattafAL17 (0.73)	PoderB08 (0.72)
NattafM20 R&C	MalapertN19 (0.92)	NattafDYW19 (0.96)	LombardiM10a (0.97)	YunusogluY22 (0.98)	JainM99 (0.99)
Euclid	MalapertN19 (0.24)	BogaerdtW19 (0.33)	NattafDYW19 (0.33)	ArbaouiY18 (0.33)	BenediktSMVH18 (0.35)
Dot	MalapertN19 (132.00)	NaderiRR23 (121.00)	Groleaz21 (119.00)	ZarandiASC20 (108.00)	YunusogluY22 (107.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	MalapertN19 (0.89)	NattafDYW19 (0.72)	ArbaouiY18 (0.69)	GedikKEK18 (0.68)	Ham18a (0.68)
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)	BoothNB16 (0.24)	LipovetzkyBPS14 (0.24)	ZouZ20 (0.25)
Dot	LaborieRSV18 (99.00)	Lunardi20 (95.00)	Astrand21 (89.00)	NishikawaSTT19 (88.00)	Beck99 (88.00)
Cosine	NishikawaSTT18a (0.98)	NishikawaSTT19 (0.93)	ZouZ20 (0.80)	LipovetzkyBPS14 (0.78)	BoothNB16 (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)	VanczaM01 (0.25)	HoeveGSL07 (0.25)
Dot	LaborieRSV18 (97.00)	Lunardi20 (96.00)	Astrand21 (93.00)	ZarandiASC20 (91.00)	Groleaz21 (89.00)
Cosine	NishikawaSTT18 (0.98)	NishikawaSTT19 (0.92)	BoothNB16 (0.79)	ZouZ20 (0.79)	LipovetzkyBPS14 (0.77)
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)	HoeveGSL07 (0.26)	WolfS05 (0.27)
Dot	Groleaz21 (113.00)	LaborieRSV18 (112.00)	Lombardi10 (107.00)	Astrand21 (106.00)	Beck99 (106.00)
Cosine	NishikawaSTT18 (0.93)	NishikawaSTT18a (0.92)	BoothNB16 (0.81)	ZouZ20 (0.77)	HoeveGSL07 (0.76)
NouriMHD23 R&C	Fatemi-AnarakiTFV23 (0.83)	AbreuPNF23 (0.96)	MengLZB21 (0.96)	LunardiBLRV20 (0.97)	NaderiRR23 (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 (0.33)	Hooker05a (0.35)	Hooker06 (0.36)	NovasH10 (0.36)	Hooker07 (0.36)
Dot	LaborieRSV18 (169.00)	Groleaz21 (157.00)	AwadMDMT22 (155.00)	Dejemeppe16 (154.00)	Baptiste02 (150.00)
Cosine	ZeballosNH11 (0.80)	AwadMDMT22 (0.75)	NovasH10 (0.74)	Hooker07 (0.73)	Hooker05a (0.73)
Novas19 R&C	LunardiBLRV20 (0.91)	ZhangW18 (0.91)	EscobetPQPRA19 (0.94)	HamC16 (0.94)	MengZRZL20 (0.95)
Euclid	KhayatLR06 (0.36)	MengZRZL20 (0.38)	MengLZB21 (0.38)	OujanaAYB22 (0.38)	MengGRZSC22 (0.38)
Dot	ZarandiASC20 (220.00)	Groleaz21 (201.00)	Lunardi20 (200.00)	IsikYA23 (194.00)	Dejemeppe16 (189.00)
Cosine	MengZRZL20 (0.80)	AwadMDMT22 (0.78)	IsikYA23 (0.77)	MengLZB21 (0.77)	KhayatLR06 (0.77)
NovasH10 R&C	NovasH12 (0.89)	ZeballosCM10 (0.90)	ZeballosNH11 (0.91)	RoePS05 (0.92)	HarjunkoskiMBC14 (0.92)
Euclid	QuirogaZH05 (0.31)	ZeballosH05 (0.32)	ZeballosNH11 (0.33)	Zeballos10 (0.33)	BeckPS03 (0.35)
Dot	ZarandiASC20 (167.00)	Groleaz21 (152.00)	HarjunkoskiMBC14 (142.00)	Dejemeppe16 (141.00)	Baptiste02 (139.00)
Cosine	ZeballosNH11 (0.78)	ZeballosH05 (0.77)	QuirogaZH05 (0.77)	Zeballos10 (0.75)	BidotVLB09 (0.75)
NovasH12 R&C	ZeballosCM10 (0.78)	NovasH10 (0.89)	OzturkTHO12 (0.91)	ZeballosNH11 (0.93)	ZeballosQH10 (0.94)
Euclid	NovasH14 (0.25)	ZeballosH05 (0.27)	ZeballosCM10 (0.27)	OzturkTHO10 (0.32)	QuirogaZH05 (0.33)
Dot	ZarandiASC20 (137.00)	LaborieRSV18 (128.00)	ZeballosCM10 (124.00)	Astrand21 (121.00)	Malapert11 (120.00)
Cosine	NovasH14 (0.85)	ZeballosCM10 (0.84)	ZeballosH05 (0.83)	Zeballos10 (0.75)	ZeballosQH10 (0.73)
NovasH14 R&C	ZeballosQH10 (0.71)	Zeballos10 (0.72)	KhayatLR06 (0.91)	ZarandiKS16 (0.91)	NovaraNH16 (0.91)
Euclid	ZeballosH05 (0.23)	NovasH12 (0.25)	KhayatLR06 (0.27)	QuirogaZH05 (0.29)	Zeballos10 (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)	ZeballosCM10 (0.81)	ZeballosQH10 (0.80)
NuijtenA94 R&C					
Euclid	NuijtenA96 (0.08)	NuijtenP98 (0.25)	TorresL00 (0.29)	CestaOS00 (0.29)	DilkinaDH05 (0.30)
Dot	Baptiste02 (124.00)	ZarandiASC20 (118.00)	JuvinHHL23 (115.00)	Fahimi16 (114.00)	NuijtenP98 (113.00)
Cosine	NuijtenA96 (0.98)	NuijtenP98 (0.85)	TorresL00 (0.78)	SourdN00 (0.75)	MenciaSV13 (0.74)
NuijtenA94a R&C					
Euclid					
Dot					
Cosine					
NuijtenA96 R&C	Rodriguez07 (0.83)	Laborie03 (0.85)	DincbasSH90 (0.86)	DorndorfHP99 (0.87)	Puget95 (0.88)
Euclid	NuijtenA94 (0.08)	NuijtenP98 (0.24)	TorresL00 (0.29)	TanSD10 (0.29)	CestaOS00 (0.29)
Dot	Baptiste02 (128.00)	ZarandiASC20 (124.00)	JuvinHHL23 (118.00)	Godet21a (118.00)	BartakSR10 (118.00)
Cosine	NuijtenA94 (0.98)	NuijtenP98 (0.87)	TorresL00 (0.78)	SourdN00 (0.78)	MenciaSV13 (0.76)
NuijtenP98 R&C	NuijtenA96 (0.93)	SourdN00 (0.94)	KamarainenS02 (0.94)	DorndorfHP99 (0.97)	Vilim04 (0.97)
Euclid	NuijtenA96 (0.24)	NuijtenA94 (0.25)	BartakSR08 (0.30)	SourdN00 (0.31)	MenciaSV13 (0.31)
Dot	Baptiste02 (174.00)	ZarandiASC20 (165.00)	Godet21a (147.00)	BartakSR10 (147.00)	Fahimi16 (146.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	NuijtenA96 (0.87)	NuijtenA94 (0.85)	BartakSR08 (0.80)	SourdN00 (0.79)	MenciaSV13 (0.78)
OddiPCC03 R&C	OddiPCC05 (0.72)	VerfaillieL01 (0.81)	YuraszeckMC23 (0.90)	WikarekS19 (0.94)	HamdiL13 (0.94)
Euclid	ReddyFIBKAJ11 (0.27)	FukunagaHFAMN02 (0.29)	AstrandJZ18 (0.29)	KuchcinskiW03 (0.29)	RoweJCA96 (0.29)
Dot	ZarandiASC20 (104.00)	Groleaz21 (101.00)	Astrand21 (97.00)	Godet21a (94.00)	Dejemeppe16 (94.00)
Cosine	ReddyFIBKAJ11 (0.72)	Malik08 (0.71)	AstrandJZ18 (0.68)	BonfiettiLBM14 (0.67)	BartakCS10 (0.67)
OddiPCC05 R&C	OddiPCC03 (0.72)	CestaOPS14 (0.86)	MercierH08 (0.88)	SimoninAHL12 (0.90)	AkkerDH07 (0.90)
Euclid					
Dot					
Cosine					
OddiRC10 R&C					
Euclid	LombardiM13 (0.16)	LombardiM12a (0.19)	BofillCSV17 (0.22)	LombardiM10 (0.24)	BonfiettiLM13 (0.25)
Dot	Lombardi10 (89.00)	Godet21a (88.00)	Baptiste02 (88.00)	Schutt11 (86.00)	ZarandiASC20 (82.00)
Cosine	LombardiM13 (0.88)	LombardiM12a (0.86)	BofillCSV17 (0.80)	LombardiM10 (0.80)	BonfiettiLM13 (0.77)
OddiS97 R&C					
Euclid	SmithC93 (0.19)	Muscettola94 (0.21)	BeckW05 (0.24)	DilkinaDH05 (0.25)	BeckW04 (0.25)
Dot	ZarandiASC20 (94.00)	Groleaz21 (92.00)	SadehF96 (90.00)	Astrand21 (88.00)	Dejemeppe16 (88.00)
Cosine	SmithC93 (0.86)	Muscettola94 (0.84)	SadehF96 (0.83)	BeckW05 (0.76)	BeckW04 (0.75)
OhrimenkoSC09 R&C	SchuttFSW11 (0.81)	SchuttFSW13 (0.85)	SchuttCSW12 (0.87)	SchuttFSW09 (0.91)	KreterSS15 (0.93)
Euclid	LiuLH19 (0.33)	ZhangLS12 (0.34)	BandaSC11 (0.34)	GelainPRVW17 (0.34)	MalapertCGJLR13 (0.34)
Dot	Siala15a (118.00)	Fahimi16 (113.00)	Schutt11 (110.00)	Godet21a (110.00)	Dejemeppe16 (105.00)
Cosine	Bit-Monnot23 (0.67)	JussienL02 (0.63)	MalapertCGJLR13 (0.63)	LiuLH19 (0.63)	Malik08 (0.62)
OkanoDTRYA04 R&C					
Euclid					
Dot					
Cosine					
OrnekO16 R&C					
Euclid	OzturkTHO12 (0.29)	ArtiguesBF04 (0.30)	TanSD10 (0.31)	KhayatLR06 (0.31)	CauwelaertDMS16 (0.31)
Dot	Baptiste02 (171.00)	ZarandiASC20 (168.00)	Dejemeppe16 (168.00)	Groleaz21 (165.00)	Lombardi10 (157.00)
Cosine	OzturkTHO12 (0.81)	ArtiguesBF04 (0.79)	KhayatLR06 (0.79)	TanSD10 (0.79)	ArtiguesF07 (0.78)
OrnekOS20 R&C					
Euclid	ZibranR11a (0.32)	BofillGSV15 (0.32)	KucukY19 (0.33)	ZibranR11 (0.33)	PerezGSL23 (0.34)
Dot	ZarandiASC20 (102.00)	Astrand21 (97.00)	Lunardi20 (93.00)	Lombardi10 (93.00)	Lemos21 (93.00)
Cosine	ZibranR11a (0.62)	ZouZ20 (0.62)	AlesioBNG15 (0.62)	RoshanaeiBAUB20 (0.62)	KucukY19 (0.61)
OuelletQ13 R&C	KameugneFSN14 (0.54)	LetortBC12 (0.57)	GayHS15 (0.60)	OuelletQ18 (0.60)	KameugneF13 (0.61)
Euclid	KameugneFND23 (0.22)	GingrasQ16 (0.23)	OuelletQ18 (0.25)	KameugneFSN11 (0.26)	KameugneFGOQ18 (0.27)
Dot	Fahimi16 (142.00)	FahimiOQ18 (133.00)	Schutt11 (132.00)	KameugneFND23 (131.00)	FetgoD22 (128.00)
Cosine	KameugneFND23 (0.89)	GingrasQ16 (0.86)	OuelletQ18 (0.84)	FetgoD22 (0.84)	KameugneFSN11 (0.82)
OuelletQ18 R&C	Tesch18 (0.38)	KameugneFSN14 (0.56)	OuelletQ13 (0.60)	KameugneF13 (0.60)	Tesch16 (0.63)
Euclid	GayHS15a (0.24)	OuelletQ13 (0.25)	Vilim11 (0.25)	CauwelaertLS15 (0.28)	KameugneFSN11 (0.29)
Dot	Schutt11 (119.00)	Fahimi16 (118.00)	KameugneFND23 (110.00)	FahimiOQ18 (110.00)	SchuttFS13a (106.00)
Cosine	GayHS15a (0.85)	OuelletQ13 (0.84)	Vilim11 (0.81)	KameugneFND23 (0.81)	SchuttFS13a (0.77)
OuelletQ22 R&C	OuelletQ18 (0.82)	OuelletQ13 (0.83)	SchuttFSW15 (0.84)	GayHS15a (0.85)	FetgoD22 (0.86)
Euclid	Vilim11 (0.29)	OuelletQ18 (0.29)	OuelletQ13 (0.30)	Vilim09a (0.31)	GayHS15a (0.31)
Dot	Fahimi16 (131.00)	Schutt11 (119.00)	Dejemeppe16 (117.00)	FahimiOQ18 (115.00)	Baptiste02 (111.00)
Cosine	OuelletQ13 (0.78)	Vilim11 (0.77)	OuelletQ18 (0.77)	GayHS15a (0.76)	Vilim09a (0.72)
OujanaAYB22 R&C	MengLZB21 (0.90)	MengGRZSC22 (0.91)	MengZRZL20 (0.92)	YunusogluY22 (0.94)	YuraszeckMPV22 (0.94)
Euclid	LiFJZLL22 (0.36)	ZhouGL15 (0.37)	ParkUJR19 (0.37)	Teppan22 (0.37)	HeinzNVH22 (0.38)
Dot	ZarandiASC20 (197.00)	Lunardi20 (191.00)	Groleaz21 (185.00)	Astrand21 (172.00)	IsikYA23 (171.00)
Cosine	Novas19 (0.76)	MengZRZL20 (0.75)	LiFJZLL22 (0.74)	PrataAN23 (0.74)	AbreuPNF23 (0.74)
OzturkTHO10 R&C	OzturkTHO13 (0.93)	OzturkTHO12 (0.95)	ValleMGT03 (0.95)	TerekhovDOB12 (0.96)	TopaloglouSS12 (0.96)
Euclid	OzturkTHO12 (0.27)	LeeKLKKYHP97 (0.29)	FortinZDF05 (0.29)	KhayatLR06 (0.29)	CauwelaertDMS16 (0.30)
Dot	OzturkTHO13 (111.00)	Baptiste02 (105.00)	Malapert11 (103.00)	Lunardi20 (102.00)	Dejemeppe16 (101.00)
Cosine	OzturkTHO13 (0.81)	OzturkTHO12 (0.77)	OzturkTHO15 (0.76)	KhayatLR06 (0.75)	ZeballosH05 (0.74)
OzturkTHO12 R&C	ZhangLS12 (0.83)	QuirogaZH05 (0.86)	Geske05 (0.86)	EvenSH15 (0.88)	KovacsV04 (0.88)
Euclid	OzturkTHO15 (0.19)	CauwelaertDMS16 (0.27)	OzturkTHO10 (0.27)	KhayatLR06 (0.29)	HeipckeCCS00 (0.29)
Dot	Dejemeppe16 (135.00)	Schutt11 (130.00)	Lombardi10 (130.00)	Malapert11 (129.00)	Baptiste02 (129.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	OzturkTHO15 (0.92)	OzturkTHO13 (0.82)	OrnekO16 (0.81)	DejemeppeCS15 (0.79)	Wolf05 (0.78)
OzturkTHO13 R&C	OzturkTHO15 (0.71)	TopaloglusSS12 (0.85)	ValleMGT03 (0.89)	PinarbasiA20 (0.91)	KizilayC20 (0.92)
Euclid	OzturkTHO15 (0.27)	OzturkTHO12 (0.31)	OzturkTHO10 (0.32)	KhayatLR06 (0.35)	OrnekO16 (0.35)
Dot	Baptiste02 (182.00)	Malapert11 (172.00)	Dejemeppe16 (171.00)	Groleaz21 (169.00)	Lombardi10 (168.00)
Cosine	OzturkTHO15 (0.86)	OzturkTHO12 (0.82)	OzturkTHO10 (0.81)	OrnekO16 (0.78)	BartakSR08 (0.77)
OzturkTHO15 R&C	OzturkTHO13 (0.71)	ValleMGT03 (0.88)	TopaloglusSS12 (0.90)	PinarbasiA20 (0.92)	BukchinR18 (0.92)
Euclid	OzturkTHO12 (0.19)	OzturkTHO13 (0.27)	OzturkTHO10 (0.32)	HeipckeCCS00 (0.33)	KhayatLR06 (0.33)
Dot	Lombardi10 (153.00)	Groleaz21 (151.00)	Astrand21 (150.00)	Dejemeppe16 (150.00)	OzturkTHO13 (148.00)
Cosine	OzturkTHO12 (0.92)	OzturkTHO13 (0.86)	OrnekO16 (0.77)	OzturkTHO10 (0.76)	KhayatLR06 (0.75)
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)	JainG01 (0.36)
Dot	ZarandiASC20 (141.00)	Groleaz21 (140.00)	Baptiste02 (134.00)	LaborieRSV18 (130.00)	Godet21a (130.00)
Cosine	KhayatLR06 (0.71)	JainG01 (0.70)	HeipckeCCS00 (0.70)	TouatBT22 (0.70)	QinDS16 (0.70)
PapaB98 R&C	Polo-MejiaALB20 (0.91)	ArtiouchineB05 (0.94)	NaderiR22 (0.95)	PoderBS04 (0.95)	ElkhyariGJ02a (0.96)
Euclid	BaptisteP00 (0.36)	BaptisteP97 (0.36)	GokgurHO18 (0.38)	BaptistePN99 (0.38)	MenciaSV13 (0.39)
Dot	Baptiste02 (230.00)	Godet21a (188.00)	Lombardi10 (188.00)	Fahimi16 (182.00)	Malapert11 (180.00)
Cosine	BaptisteP00 (0.78)	BaptisteP97 (0.77)	GokgurHO18 (0.77)	BaptistePN99 (0.75)	Baptiste02 (0.75)
Pape94 R&C	NuijtenA96 (0.91)	Laborie03 (0.93)	BeckF00 (0.94)	AggounB93 (0.95)	WatsonB08 (0.96)
Euclid	Colombani96 (0.30)	HoeveGSL07 (0.31)	LiessM08 (0.31)	HeipckeCCS00 (0.31)	DavenportKRSH07 (0.31)
Dot	Beck99 (128.00)	Baptiste02 (127.00)	ZarandiASC20 (125.00)	Lombardi10 (122.00)	Astrand21 (120.00)
Cosine	Colombani96 (0.75)	LiessM08 (0.74)	HeipckeCCS00 (0.73)	DavenportKRSH07 (0.73)	HoeveGSL07 (0.72)
PapeB96 R&C					
Euclid					
Dot					
Cosine					
PapeB97 R&C					
Euclid					
Dot					
Cosine					
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)	Beck06 (0.31)	TerekhovTDB14 (0.32)	LorigeonBB02 (0.33)
Dot	Groleaz21 (145.00)	ZarandiASC20 (143.00)	Lunardi20 (141.00)	PrataAN23 (128.00)	Astrand21 (128.00)
Cosine	JuvinHL23 (0.80)	TerekhovTDB14 (0.79)	BillautHL12 (0.75)	ZhouGL15 (0.72)	OujanaAYB22 (0.72)
PembertonG98 R&C	ZhangW18 (0.99)	BartakSR08 (0.99)	MintonJPL92 (1.00)	JainM99 (1.00)	
Euclid	Caseau97 (0.30)	CrawfordB94 (0.31)	SimoninAHL12 (0.31)	BarbulescuWH04 (0.31)	Johnston05 (0.32)
Dot	ZarandiASC20 (103.00)	Godet21a (101.00)	Lombardi10 (101.00)	Fahimi16 (98.00)	Dejemeppe16 (96.00)
Cosine	SimoninAHL12 (0.67)	Caseau97 (0.66)	AlesioNBG14 (0.66)	BarbulescuWH04 (0.66)	Johnston05 (0.65)
PengLC14 R&C	WariZ19 (0.92)	BeldiceanuCDP11 (0.92)	ZarandiKS16 (0.93)	NovasH14 (0.95)	NovaraNH16 (0.96)
Euclid					
Dot					
Cosine					
PenzDN23 R&C	BajestaniB15 (0.96)	NattafDYW19 (0.96)	Sadykov04 (0.98)	Ham18a (0.98)	KovacsK11 (0.98)
Euclid	BogaerdtW19 (0.33)	BajestaniB15 (0.35)	WuBB09 (0.36)	ThiruvadyBME09 (0.37)	NattafDYW19 (0.37)
Dot	ZarandiASC20 (165.00)	Groleaz21 (142.00)	Baptiste02 (128.00)	Astrand21 (125.00)	PrataAN23 (124.00)
Cosine	BajestaniB15 (0.75)	BogaerdtW19 (0.70)	KovacsB11 (0.69)	NattafDYW19 (0.68)	TerekhovTDB14 (0.67)
PerezGSL23 R&C					
Euclid	abs-2312-13682 (0.05)	BockmayrP06 (0.23)	ZibranR11 (0.27)	ZibranR11a (0.27)	Limtanyakul07 (0.27)
Dot	Dejemeppe16 (93.00)	Astrand21 (91.00)	Lombardi10 (89.00)	ZarandiASC20 (86.00)	LaborieRSV18 (86.00)
Cosine	abs-2312-13682 (0.99)	BockmayrP06 (0.76)	AalianPG23 (0.74)	CarchraeB09 (0.71)	QuirogaZH05 (0.70)
PerronSF04 R&C	DannaP03 (0.67)	CarchraeB09 (0.79)	SchausHMCMD11 (0.82)	Wolf03 (0.87)	PesantRR15 (0.87)
Euclid	DannaP03 (0.21)	HebrardTW05 (0.24)	Hooker17 (0.26)	Puget95 (0.27)	KovacsEKV05 (0.27)
Dot	Groleaz21 (86.00)	LaborieRSV18 (82.00)	Dejemeppe16 (82.00)	KelbelH11 (78.00)	DannaP03 (74.00)
Cosine	DannaP03 (0.85)	HebrardTW05 (0.73)	CarchraeB09 (0.70)	MonetteDH09 (0.68)	KimCMLLP23 (0.68)
PesantGPR99 R&C	MercierH07 (0.92)	DorndorfHP99 (0.95)	Puget95 (0.95)	Geske05 (0.95)	CastroGR10 (0.95)
Euclid	GomesHS06 (0.22)	Puget95 (0.23)	ZibranR11 (0.24)	ZibranR11a (0.24)	Touraivane95 (0.24)
Dot	ZarandiASC20 (71.00)	Astrand21 (70.00)	Baptiste02 (69.00)	Beck99 (68.00)	Malapert11 (66.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	GomesHS06 (0.70)	BourdaisGP03 (0.69)	Puget95 (0.69)	ZibranR11a (0.68)	MartinPY01 (0.68)
PesantRR15 R&C	BofillEGPSV14 (0.75)	BofillGSV15 (0.81)	PerronSF04 (0.87)	DannaP03 (0.90)	BessiereHMQW14 (0.90)
Euclid	HebrardALLCMR22 (0.22)	ZibranR11 (0.23)	Baptiste09 (0.23)	CarchraeBF05 (0.24)	BofillGSV15 (0.24)
Dot	Siala15a (51.00)	Dejemeppe16 (46.00)	MusliuSS18 (44.00)	Lemos21 (43.00)	HookerH17 (42.00)
Cosine	ZibranR11 (0.62)	GelainPRVW17 (0.62)	LimHTB16 (0.61)	HebrardALLCMR22 (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					
PinarbasiA20 R&C	Alaka21 (0.74)	KizilayC20 (0.83)	ValleMGT03 (0.86)	AlakaP23 (0.87)	BukchinR18 (0.90)
Euclid					
Dot					
Cosine					
PintoG97 R&C	MaraveliasCG04 (0.89)	RoePS05 (0.91)	HarjunkoskiJG00 (0.92)	HarjunkoskiG02 (0.94)	HookerO99 (0.95)
Euclid					
Dot					
Cosine					
PoderB08 R&C					
Euclid	BeldiceanuP07 (0.13)	WolfS05 (0.15)	PoderBS04 (0.19)	Vilim09a (0.19)	SimonisH11 (0.20)
Dot	Dejemeppe16 (71.00)	Beck99 (71.00)	Godet21a (70.00)	Lombardi10 (70.00)	Malapert11 (70.00)
Cosine	BeldiceanuP07 (0.91)	WolfS05 (0.89)	PoderBS04 (0.85)	Vilim09a (0.81)	SimonisH11 (0.80)
PoderBS04 R&C	Simonis95 (0.82)	ElkhyariGJ02a (0.87)	BeldiceanuCDP11 (0.88)	SimonisH11 (0.88)	BeldiceanuCP08 (0.88)
Euclid	PoderB08 (0.19)	WolfS05 (0.22)	BockmayrP06 (0.22)	BeldiceanuP07 (0.23)	ChuGNSW13 (0.23)
Dot	Beck99 (98.00)	Baptiste02 (93.00)	Godet21a (90.00)	Dejemeppe16 (89.00)	Lombardi10 (89.00)
Cosine	PoderB08 (0.85)	WolfS05 (0.81)	BockmayrP06 (0.79)	ChuGNSW13 (0.78)	BeldiceanuP07 (0.77)
PohlAK22 R&C	NaderiBZ22a (0.86)	CilKLO22 (0.89)	ZhangYW21 (0.90)	GrimesH15 (0.94)	MalapertCGJLR12 (0.96)
Euclid	GedikKBR17 (0.35)	KimCMLLP23 (0.37)	MelgarejoLS15 (0.38)	Balduccini11 (0.38)	LaborieR14 (0.38)
Dot	Groleaz21 (147.00)	ZarandiASC20 (130.00)	LaborieRSV18 (125.00)	Dejemeppe16 (122.00)	Baptiste02 (120.00)
Cosine	LaborieR14 (0.66)	GedikKBR17 (0.66)	KimCMLLP23 (0.66)	GokPTGO23 (0.64)	LombardiM12 (0.63)
PolicellaWSO05 R&C					
Euclid	LombardiM13 (0.28)	KrogtLPHJ07 (0.28)	NishikawaSTT18 (0.29)	NishikawaSTT19 (0.29)	PoderB08 (0.29)
Dot	Beck99 (96.00)	ZarandiASC20 (91.00)	Dejemeppe16 (90.00)	Lombardi10 (88.00)	BartakSR10 (87.00)
Cosine	NishikawaSTT19 (0.71)	NishikawaSTT18 (0.70)	NishikawaSTT18a (0.69)	KrogtLPHJ07 (0.68)	PoderBS04 (0.67)
Polo-MejiaALB20 R&C	YoungFS17 (0.86)	BenderWS21 (0.89)	PapaB98 (0.91)	NaderiR22 (0.92)	GilesH16 (0.93)
Euclid	LiessM08 (0.34)	HanenKP21 (0.34)	BaptisteP97 (0.34)	ArkhipovBL19 (0.36)	BruckerK00 (0.36)
Dot	Groleaz21 (183.00)	Baptiste02 (173.00)	Lombardi10 (167.00)	Godet21a (163.00)	Dejemeppe16 (163.00)
Cosine	BaptisteP97 (0.77)	HanenKP21 (0.76)	LiessM08 (0.76)	BaptistePN99 (0.75)	ArkhipovBL19 (0.75)
PopovicCGNC22 R&C					
Euclid	BoothNB16 (0.32)	CohenHB17 (0.32)	ZibranR11 (0.32)	ZibranR11a (0.33)	BockmayrP06 (0.33)
Dot	LaborieRSV18 (86.00)	Froger16 (85.00)	Malapert11 (84.00)	Groleaz21 (83.00)	Lunardi20 (80.00)
Cosine	GoelSHFS15 (0.65)	BoothNB16 (0.64)	QinDS16 (0.61)	AalianPG23 (0.61)	KlankeBYE21 (0.61)
PourDERB18 R&C	KreterSSZ18 (0.91)	Geske05 (0.91)	AggounV04 (0.92)	GedikKEK18 (0.93)	BukchinR18 (0.93)
Euclid	AronssonBK09 (0.35)	ZhangLS12 (0.36)	BandaSC11 (0.36)	KletzanderMH21 (0.36)	LiuCGM17 (0.36)
Dot	Lemos21 (123.00)	ZarandiASC20 (113.00)	Dejemeppe16 (106.00)	Godet21a (99.00)	Groleaz21 (99.00)
Cosine	TangLWSK18 (0.64)	Lemos21 (0.64)	KovacsK11 (0.63)	FallahiAC20 (0.62)	LiuCGM17 (0.61)
PovedaAA23 R&C					
Euclid	YoungFS17 (0.29)	SzerediS16 (0.35)	BoudreaultSLQ22 (0.37)	LiessM08 (0.37)	BaptisteP97 (0.37)
Dot	Godet21a (171.00)	Lombardi10 (168.00)	Schutt11 (160.00)	Groleaz21 (159.00)	Dejemeppe16 (157.00)
Cosine	YoungFS17 (0.84)	SzerediS16 (0.77)	BoudreaultSLQ22 (0.77)	abs-1911-04766 (0.75)	BaptisteP97 (0.74)
Pralet17 R&C	DorndorfHP99 (0.90)	CauwelaertDS20 (0.90)	DejemeppeCS15 (0.90)	CauwelaertDMS16 (0.90)	GrimesH10 (0.92)
Euclid	GodardLN05 (0.28)	HentenryckM04 (0.30)	DemasseyAM05 (0.30)	VilimLS15 (0.31)	LiessM08 (0.32)
Dot	Groleaz21 (158.00)	Baptiste02 (155.00)	Dejemeppe16 (153.00)	LaborieRSV18 (151.00)	ZarandiASC20 (150.00)
Cosine	GodardLN05 (0.81)	VilimLS15 (0.80)	DemasseyAM05 (0.80)	HentenryckM04 (0.79)	LiessM08 (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)	BukchinR18 (0.30)	LozanoCDS12 (0.30)
Dot	LaborieRSV18 (115.00)	Groleaz21 (108.00)	Lunardi20 (104.00)	Dejemeppe16 (98.00)	ColT22 (98.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	NishikawaSTT18 (0.73)	NishikawaSTT18a (0.73)	CampeauG22 (0.71)	NishikawaSTT19 (0.69)	FrankDT16 (0.69)
PrataAN23 R&C					
Euclid	AbreuPNF23 (0.43)	AbreuAPNM21 (0.43)	OujanaAYB22 (0.44)	AlfieriGPS23 (0.44)	TerekhovDOB12 (0.45)
Dot	ZarandiASC20 (292.00)	Groleaz21 (253.00)	Dejemeppe16 (232.00)	Baptiste02 (227.00)	Lunardi20 (212.00)
Cosine	AbreuPNF23 (0.77)	AbreuAPNM21 (0.75)	OujanaAYB22 (0.74)	AlfieriGPS23 (0.74)	AbreuN22 (0.74)
Puget95 R&C	HebrardTW05 (0.80)	MercierH07 (0.80)	VilimBC04 (0.83)	VilimBC05 (0.86)	Vilim04 (0.86)
Euclid	Caseau97 (0.19)	KovacsEKV05 (0.20)	HebrardTW05 (0.21)	AngelsmarkJ00 (0.21)	CrawfordB94 (0.21)
Dot	Malapert11 (71.00)	LaborieRSV18 (69.00)	Siala15a (68.00)	Godet21a (68.00)	Beck99 (68.00)
Cosine	Caseau97 (0.78)	FontaineMH16 (0.74)	CrawfordB94 (0.71)	KovacsV04 (0.71)	SialaAH15 (0.70)
QinDCS20 R&C	SunTB19 (0.71)	UnsalO13 (0.77)	UnsalO19 (0.91)	GedikKEK18 (0.91)	GuoHLW20 (0.92)
Euclid	Ham18 (0.38)	SunTB19 (0.38)	Ham18a (0.38)	MurinR19 (0.39)	QinDS16 (0.39)
Dot	Lunardi20 (158.00)	Groleaz21 (152.00)	ZarandiASC20 (139.00)	LaborieRSV18 (138.00)	NaderiRR23 (137.00)
Cosine	QinDS16 (0.70)	Ham18a (0.70)	MurinR19 (0.70)	Ham18 (0.70)	SunTB19 (0.70)
QinDS16 R&C	UnsalO19 (0.86)	ZampelliVSDR13 (0.91)	CappartS17 (0.92)	CobanH11 (0.93)	Laborie18a (0.93)
Euclid	UnsalO19 (0.32)	CorreaLR07 (0.32)	EdisO11 (0.33)	NovasH14 (0.34)	CireCH13 (0.34)
Dot	ZarandiASC20 (136.00)	Groleaz21 (136.00)	Lunardi20 (132.00)	LaborieRSV18 (131.00)	MilanoW09 (126.00)
Cosine	UnsalO19 (0.77)	CorreaLR07 (0.76)	NovasH14 (0.74)	EdisO11 (0.73)	HachemiGR11 (0.73)
QinWSLS21 R&C	FanXG21 (0.93)	Ham18a (0.95)	TanZWGQ19 (0.96)	NattafDYW19 (0.96)	LacknerMMWW23 (0.97)
Euclid	LorigeonBB02 (0.32)	HamC16 (0.32)	BillautHL12 (0.33)	Beck06 (0.33)	JuvinHL23 (0.34)
Dot	ZarandiASC20 (143.00)	Groleaz21 (126.00)	Malapert11 (125.00)	Lunardi20 (123.00)	IsikYA23 (115.00)
Cosine	HamC16 (0.73)	LorigeonBB02 (0.72)	HamFC17 (0.70)	BillautHL12 (0.69)	HamPK21 (0.68)
QuSN06 R&C	WolinskiKG04 (0.93)	KoschB14 (0.96)	KuchcinskiW03 (0.96)	NishikawaSTT19 (0.96)	LombardiM10a (0.97)
Euclid	GomesHS06 (0.20)	KovacsEKV05 (0.22)	AngelsmarkJ00 (0.22)	CestaOS98 (0.22)	BonfiettiM12 (0.22)
Dot	Malapert11 (59.00)	Beck99 (56.00)	Lombardi10 (56.00)	Letort13 (56.00)	TrojetHL11 (55.00)
Cosine	GomesHS06 (0.74)	HoeveGSL07 (0.72)	NishikawaSTT18 (0.71)	NishikawaSTT18a (0.71)	WolfS05 (0.69)
QuirogaZH05 R&C	ZhangLS12 (0.67)	Geske05 (0.75)	Zeballos10 (0.76)	LimtanyakulS12 (0.79)	EvenSH15 (0.80)
Euclid	Zeballos10 (0.19)	ZeballosQH10 (0.23)	ZeballosH05 (0.24)	BockmayrP06 (0.27)	AstrandJZ18 (0.29)
Dot	ZarandiASC20 (134.00)	Dejemeppe16 (126.00)	Baptiste02 (124.00)	Zeballos10 (118.00)	ZeballosQH10 (117.00)
Cosine	Zeballos10 (0.92)	ZeballosQH10 (0.88)	ZeballosH05 (0.86)	NovasH14 (0.78)	NovasH10 (0.77)
RabbaniMM21 R&C	MokhtarzadehTNF20 (0.93)	RoshanaeiN21 (0.95)	SacramentoSP20 (0.95)	DejemeppeD14 (0.96)	NaderiBZ22 (0.97)
Euclid					
Dot					
Cosine					
ReddyFIBKAJ11 R&C	SimoninAHL15 (0.92)	JelinekB16 (0.92)	Rodriguez07 (0.93)	SimoninAHL12 (0.94)	LouieVNB14 (0.94)
Euclid	OddiPCC03 (0.27)	FukunagaHFAMN02 (0.29)	BartakCS10 (0.29)	LombardiM13 (0.29)	BarbulescuWH04 (0.29)
Dot	Godet21a (90.00)	Lombardi10 (88.00)	ZarandiASC20 (85.00)	Baptiste02 (82.00)	Dejemeppe16 (81.00)
Cosine	OddiPCC03 (0.72)	BartakCS10 (0.68)	BocewiczBB09 (0.66)	BarbulescuWH04 (0.66)	Junker00 (0.64)
Refalo00 R&C	MilanoORT02 (0.87)	Thorsteinsson01 (0.87)	HookerY02 (0.87)	Hooker05b (0.89)	AjiliW04 (0.89)
Euclid	Davis87 (0.24)	Valdes87 (0.25)	ZibranR11 (0.27)	ChapadosJR11 (0.27)	ZhangLS12 (0.27)
Dot	Siala15a (54.00)	Malapert11 (53.00)	Schutt11 (52.00)	Dejemeppe16 (51.00)	Wallace96 (48.00)
Cosine	HookerOTK00 (0.61)	ZhangLS12 (0.55)	HookerO99 (0.54)	Davis87 (0.53)	BukchinR18 (0.53)
RenT09 R&C	Thorsteinsson01 (0.88)	ZeballosM09 (0.88)	RoePS05 (0.89)	HarjunkoskiG02 (0.91)	GongLMW09 (0.92)
Euclid	HebrardTW05 (0.25)	HarjunkoskiJG00 (0.26)	BofillGSV15 (0.29)	LauLN08 (0.29)	KovacsEKV05 (0.29)
Dot	Malapert11 (87.00)	HarjunkoskiMBC14 (77.00)	ColT22 (75.00)	ZarandiASC20 (74.00)	LaborieRSV18 (74.00)
Cosine	HebrardTW05 (0.74)	HarjunkoskiJG00 (0.72)	Colombani96 (0.68)	HarjunkoskiG02 (0.68)	WatsonB08 (0.67)
RendlPHPR12 R&C	ArmstrongGOS21 (0.93)	LimBTBB15a (0.94)	TangB20 (0.95)	FrohnerTR19 (0.95)	HechingH16 (0.96)
Euclid	HoYCLLCLC18 (0.32)	LimRX04 (0.33)	BarzegaranZP20 (0.34)	ZibranR11 (0.34)	KletzanderM17 (0.35)
Dot	ZarandiASC20 (106.00)	Dejemeppe16 (98.00)	Lemos21 (96.00)	Astrand21 (94.00)	Froger16 (92.00)
Cosine	HoYCLLCLC18 (0.63)	GedikKBR17 (0.60)	BarzegaranZP20 (0.60)	LimRX04 (0.60)	WatsonB08 (0.59)
RiahiNS018 R&C					
Euclid	WatsonBHW99 (0.35)	LiLZDZW24 (0.36)	DoRZ08 (0.37)	JuvinHL23 (0.38)	LiFJZLL22 (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)
RiiseML16 R&C	RoshanaeiLAU17 (0.69)	RoshanaeiLAU17a (0.75)	RoshanaeiBAUB20 (0.75)	ZarandiB12 (0.82)	RoshanaeiN21 (0.82)
Euclid	GurEA19 (0.29)	DoulabiRP14 (0.30)	DoulabiRP16 (0.32)	WangMD15 (0.33)	GurPAE23 (0.33)
Dot	ZarandiASC20 (120.00)	Dejemeppe16 (106.00)	RoshanaeiBAUB20 (105.00)	Lombardi10 (105.00)	Astrand21 (103.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	GurEA19 (0.77)	RoshanaeiBAUB20 (0.74)	DoulabiRP14 (0.73)	WangMD15 (0.73)	DoulabiRP16 (0.72)
Rit86 R&C					
Euclid	AngelsmarkJ00 (0.16)	LiuJ06 (0.17)	LudwigKRBMS14 (0.19)	Valdes87 (0.19)	CarchraeBF05 (0.20)
Dot	Malapert11 (54.00)	Baptiste02 (54.00)	Siala15 (53.00)	Siala15a (53.00)	Godet21a (53.00)
Cosine	AngelsmarkJ00 (0.76)	LudwigKRBMS14 (0.73)	DincbasSH90 (0.73)	LiuJ06 (0.73)	BeldiceanuCP08 (0.69)
Rodosek94 R&C					
Euclid					
Dot					
Cosine					
RodosekW98 R&C	BaptisteLV92 (0.78)	BosiM2001 (0.91)	EreminW01 (0.91)	DarbyDowmanL98 (0.92)	EdisO11 (0.92)
Euclid	RodosekWH99 (0.27)	HookerO99 (0.34)	DincbasSH90 (0.35)	Rit86 (0.36)	LiuJ06 (0.37)
Dot	Malapert11 (117.00)	Baptiste02 (100.00)	Schutt11 (97.00)	Simonis99 (95.00)	Siala15a (92.00)
Cosine	RodosekWH99 (0.80)	HookerO99 (0.70)	DincbasSH90 (0.64)	Simonis99 (0.63)	Wallace96 (0.63)
RodosekWH99 R&C	BockmayrK98 (0.80)	HookerO99 (0.87)	Darby-DowmanLMZ97 (0.89)	SmithBHW96 (0.91)	DarbyDowmanL98 (0.91)
Euclid	RodosekW98 (0.27)	Darby-DowmanLMZ97 (0.30)	HookerO99 (0.30)	Touraivane95 (0.33)	HarjunkoskiJG00 (0.34)
Dot	Malapert11 (95.00)	RodosekW98 (92.00)	Darby-DowmanLMZ97 (86.00)	HookerO99 (86.00)	Baptiste02 (84.00)
Cosine	RodosekW98 (0.80)	Darby-DowmanLMZ97 (0.75)	HookerO99 (0.74)	HarjunkoskiJG00 (0.60)	EreminW01 (0.59)
Rodriguez07 R&C	Colombani96 (0.82)	NuijtenA96 (0.83)	Zhou96 (0.85)	Puget95 (0.88)	BeckF00 (0.88)
Euclid	Rodriguez07b (0.23)	RodriguezS09 (0.25)	RodriguezDG02 (0.25)	Puget95 (0.30)	GilesH16 (0.31)
Dot	Godet21a (108.00)	Malapert11 (107.00)	ZarandiASC20 (106.00)	Lombardi10 (106.00)	LaborieRSV18 (103.00)
Cosine	Rodriguez07b (0.85)	RodriguezS09 (0.83)	RodriguezDG02 (0.80)	Puget95 (0.70)	MarliereSPR23 (0.70)
Rodriguez07b R&C					
Euclid	RodriguezS09 (0.12)	Rodriguez07 (0.23)	RodriguezDG02 (0.24)	CappartS17 (0.29)	Puget95 (0.30)
Dot	RodriguezS09 (107.00)	Malapert11 (100.00)	ZarandiASC20 (98.00)	Baptiste02 (98.00)	Rodriguez07 (95.00)
Cosine	RodriguezS09 (0.96)	Rodriguez07 (0.85)	RodriguezDG02 (0.82)	CappartS17 (0.75)	MarliereSPR23 (0.70)
RodriguezDG02 R&C					
Euclid	Acuna-AgostMFG09 (0.22)	ZibranR11 (0.23)	Rodriguez07b (0.24)	ZibranR11a (0.24)	ChapadosJR11 (0.25)
Dot	RodriguezS09 (65.00)	Rodriguez07 (65.00)	Rodriguez07b (64.00)	MarliereSPR23 (62.00)	Lombardi10 (59.00)
Cosine	Rodriguez07b (0.82)	RodriguezS09 (0.80)	Rodriguez07 (0.80)	CappartS17 (0.69)	ZibranR11a (0.67)
RodriguezS09 R&C					
Euclid	Rodriguez07b (0.12)	Rodriguez07 (0.25)	RodriguezDG02 (0.25)	CappartS17 (0.30)	Puget95 (0.31)
Dot	Malapert11 (109.00)	Rodriguez07b (107.00)	Lombardi10 (106.00)	ZarandiASC20 (105.00)	Baptiste02 (102.00)
Cosine	Rodriguez07b (0.96)	Rodriguez07 (0.83)	RodriguezDG02 (0.80)	CappartS17 (0.75)	MarliereSPR23 (0.69)
RoePS05 R&C	MaraveliasCG04 (0.68)	HarjunkoskiG02 (0.75)	BockmayrP06 (0.84)	ZeballosM09 (0.84)	JainG01 (0.87)
Euclid	WikarekS19 (0.36)	Goltz95 (0.38)	DincbasSH90 (0.38)	Bartak02 (0.38)	Zhou96 (0.39)
Dot	Malapert11 (156.00)	Baptiste02 (150.00)	ZarandiASC20 (143.00)	Fahimi16 (135.00)	HarjunkoskiMBC14 (132.00)
Cosine	WikarekS19 (0.72)	Goltz95 (0.68)	AggounB93 (0.68)	GrimesH10 (0.67)	DincbasSH90 (0.67)
RoshanaeiBAUB20 R&C	RoshanaeiN21 (0.55)	RoshanaeiLAU17a (0.66)	NaderiRBAU21 (0.67)	RoshanaeiLAU17 (0.69)	RiiseML16 (0.75)
Euclid	RoshanaeiN21 (0.32)	NaderiBZR23 (0.33)	DoulabiRP16 (0.34)	RiiseML16 (0.34)	RoshanaeiLAU17 (0.34)
Dot	ZarandiASC20 (131.00)	Groleaz21 (129.00)	NaderiRR23 (127.00)	RoshanaeiN21 (126.00)	NaderiBZ23 (124.00)
Cosine	RoshanaeiN21 (0.79)	NaderiBZR23 (0.78)	RoshanaeiLAU17 (0.76)	RiiseML16 (0.74)	DoulabiRP16 (0.73)
RoshanaeiLAU17 R&C	RoshanaeiLAU17a (0.56)	RoshanaeiBAUB20 (0.69)	RiiseML16 (0.69)	DoulabiRP16 (0.70)	ZarandiB12 (0.75)
Euclid	DoulabiRP16 (0.31)	RoshanaeiBAUB20 (0.34)	NaderiBZR23 (0.35)	ForbesHJST24 (0.35)	GurEA19 (0.36)
Dot	ZarandiASC20 (149.00)	Groleaz21 (134.00)	NaderiRR23 (127.00)	NaderiBZ23 (123.00)	RoshanaeiBAUB20 (121.00)
Cosine	DoulabiRP16 (0.77)	RoshanaeiBAUB20 (0.76)	NaderiBZR23 (0.75)	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)	GurEA19 (0.37)	RiiseML16 (0.38)
Dot	NaderiRR23 (142.00)	NaderiBZ23 (142.00)	NaderiBZ22 (138.00)	Groleaz21 (136.00)	RoshanaeiBAUB20 (126.00)
Cosine	NaderiBZ23 (0.79)	NaderiBZ22 (0.79)	RoshanaeiBAUB20 (0.79)	RoshanaeiLAU17 (0.69)	GurEA19 (0.69)
RossiTHP07 R&C	HoundjiSWD14 (0.94)	DejemeppeD14 (0.94)	SerraNM12 (0.94)	KhemmoudjPB06 (0.94)	NishikawaSTT18a (0.95)
Euclid	SunLYL10 (0.27)	KhemmoudjPB06 (0.29)	GomesHS06 (0.29)	HebrardALLCMR22 (0.29)	ChapadosJR11 (0.29)
Dot	Astrand21 (64.00)	HarjunkoskiMBC14 (64.00)	ZarandiASC20 (63.00)	Groleaz21 (62.00)	Lombardi10 (61.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	KhemmoudjPB06 (0.62)	LozanoCDS12 (0.60)	SunLYL10 (0.58)	LombardiMRB10 (0.57)	BridiBLMB16 (0.57)
RoweJCA96 R&C					
Euclid	Hunsberger08 (0.21)	LiuJ06 (0.22)	Davis87 (0.22)	SunLYL10 (0.23)	FukunagaHFAMN02 (0.23)
Dot	Lombardi10 (70.00)	Astrand21 (62.00)	Groleaz21 (62.00)	ZarandiASC20 (61.00)	Schutt11 (60.00)
Cosine	AstrandJZ18 (0.71)	Hunsberger08 (0.69)	LozanoCDS12 (0.68)	BorghesiBLMB18 (0.68)	SunLYL10 (0.67)
RuggieroBBMA09 R&C	BeniniBGM06 (0.84)	Hooker05 (0.87)	ChuX05 (0.88)	BeniniBGM05 (0.88)	CambazardJ05 (0.89)
Euclid	BeniniBGM06 (0.27)	BeniniBGM05 (0.28)	BeniniLMR08 (0.31)	LozanoCDS12 (0.33)	MouraSCL08 (0.35)
Dot	Lombardi10 (141.00)	ZarandiASC20 (114.00)	LombardiMRB10 (114.00)	BeniniBGM05 (111.00)	Astrand21 (110.00)
Cosine	BeniniBGM05 (0.81)	BeniniBGM06 (0.81)	BeniniLMR08 (0.74)	LombardiMRB10 (0.74)	BeniniLMR11 (0.70)
SacramentoSP20 R&C	MengLZB21 (0.83)	AbreuAPNM21 (0.83)	KizilayC20 (0.91)	LunardiBLRV20 (0.92)	Laborie18a (0.93)
Euclid	MalapertCGJLR13 (0.42)	UnsalO13 (0.44)	GedikKBR17 (0.44)	HubnerGSV21 (0.44)	AfsarVPG23 (0.45)
Dot	Groleaz21 (204.00)	ZarandiASC20 (190.00)	Lunardi20 (188.00)	Astrand21 (175.00)	NaderiRR23 (172.00)
Cosine	UnsalO13 (0.69)	MalapertCGJLR13 (0.69)	AfsarVPG23 (0.68)	AbreuPNF23 (0.68)	HubnerGSV21 (0.67)
SadehF96 R&C	BeckF00 (0.87)	MintonJPL92 (0.89)	BartakSR10 (0.90)	Wallace96 (0.93)	JussienL02 (0.93)
Euclid	OddiS97 (0.26)	SmithC93 (0.28)	CestaOS00 (0.28)	BeckDF97 (0.29)	BeckDSF97a (0.29)
Dot	ZarandiASC20 (150.00)	Beck99 (145.00)	Groleaz21 (144.00)	Lombardi10 (142.00)	Baptiste02 (141.00)
Cosine	OddiS97 (0.83)	SmithC93 (0.81)	CestaOS00 (0.80)	BeckF00 (0.80)	BeckDF97 (0.80)
Sadykov04 R&C	SadykovW06 (0.66)	HamdiL13 (0.79)	ChuX05 (0.82)	Beck10 (0.82)	CireCH13 (0.82)
Euclid	SadykovW06 (0.19)	Limtanyakul07 (0.22)	BenediktSMVH18 (0.25)	Colombani96 (0.26)	MakMS10 (0.26)
Dot	Baptiste02 (96.00)	Groleaz21 (93.00)	ZarandiASC20 (87.00)	BartakSR10 (83.00)	Dejemeppe16 (82.00)
Cosine	SadykovW06 (0.87)	Limtanyakul07 (0.76)	Colombani96 (0.75)	MakMS10 (0.71)	AkkerDH07 (0.71)
SadykovW06 R&C	Sadykov04 (0.66)	BockmayrP06 (0.82)	Hooker05 (0.83)	ChuX05 (0.86)	Beck10 (0.87)
Euclid	Sadykov04 (0.19)	BenediktSMVH18 (0.27)	CatusseCBL16 (0.29)	Limtanyakul07 (0.29)	ChuX05 (0.32)
Dot	Baptiste02 (103.00)	Groleaz21 (98.00)	ZarandiASC20 (90.00)	BartakSR10 (84.00)	BlazewiczDP96 (84.00)
Cosine	Sadykov04 (0.87)	BenediktSMVH18 (0.72)	CatusseCBL16 (0.69)	AkkerDH07 (0.69)	Limtanyakul07 (0.66)
SakkoutRW98 R&C					
Euclid					
Dot					
Cosine					
SakkoutW00 R&C	KamarainenS02 (0.95)	EreminW01 (0.96)	JussienL02 (0.96)	ElkhyariGJ02a (0.96)	Hooker04 (0.96)
Euclid	KamarainenS02 (0.32)	HeckmanB11 (0.33)	Beck07 (0.34)	BeckF00a (0.35)	KovacsV04 (0.35)
Dot	Lombardi10 (146.00)	Baptiste02 (145.00)	Fahimi16 (145.00)	Beck99 (144.00)	Malapert11 (144.00)
Cosine	KamarainenS02 (0.75)	HeckmanB11 (0.74)	Beck07 (0.73)	BeckF00 (0.73)	BartakSR08 (0.73)
Schaerf96 R&C					
Euclid					
Dot					
Cosine					
SchausD08 R&C					
Euclid	BukchinR18 (0.27)	GomesHS06 (0.29)	BandaSC11 (0.30)	ChapadosJR11 (0.31)	Davis87 (0.31)
Dot	Dejemeppe16 (75.00)	Godet21a (73.00)	Schutt11 (70.00)	Malapert11 (69.00)	Lombardi10 (68.00)
Cosine	BukchinR18 (0.69)	LombardiMB13 (0.56)	LozanoCDS12 (0.56)	NishikawaSTT19 (0.56)	HeipckeCCS00 (0.55)
SchausHMCMD11 R&C	HentenryckM08 (0.64)	GarganiR07 (0.67)	HeinzSSW12 (0.69)	PerronSF04 (0.82)	GaySS14 (0.83)
Euclid	HentenryckM08 (0.27)	GarganiR07 (0.28)	HeinzSSW12 (0.30)	BandaSC11 (0.35)	SmithBHW96 (0.36)
Dot	Dejemeppe16 (80.00)	Lombardi10 (67.00)	Siala15a (66.00)	GarganiR07 (64.00)	Godet21a (64.00)
Cosine	HentenryckM08 (0.73)	GarganiR07 (0.72)	HeinzSSW12 (0.67)	BandaSC11 (0.51)	LiuLH19 (0.49)
SchildW00 R&C	HladikCDJ08 (0.95)	BenoistGR02 (0.97)	CambazardHDJT04 (0.98)	Thorsteinsson01 (0.99)	JainG01 (1.00)
Euclid	Zhou96 (0.35)	HoeveGSL07 (0.36)	HeipckeCCS00 (0.36)	FontaineMH16 (0.36)	CrawfordB94 (0.36)
Dot	Lombardi10 (137.00)	Groleaz21 (135.00)	Malapert11 (132.00)	Astrand21 (129.00)	Fahimi16 (129.00)
Cosine	BartakSR08 (0.69)	Zhou96 (0.68)	CauwelaertDS20 (0.68)	HeipckeCCS00 (0.67)	FontaineMH16 (0.67)
SchnellH15 R&C	SchnellH17 (0.61)	SzerediS16 (0.79)	SchuttFSW13 (0.79)	KreterSSZ18 (0.80)	KreterSS15 (0.82)
Euclid	SchnellH17 (0.20)	BofillCSV17 (0.25)	SchuttCSW12 (0.29)	abs-1009-0347 (0.30)	SzerediS16 (0.30)
Dot	Schutt11 (146.00)	Godet21a (138.00)	Caballero19 (138.00)	Lombardi10 (133.00)	Groleaz21 (126.00)
Cosine	SchnellH17 (0.90)	BofillCSV17 (0.84)	abs-1009-0347 (0.79)	SchuttCSW12 (0.78)	SzerediS16 (0.78)
SchnellH17 R&C	SchnellH15 (0.61)	KreterSSZ18 (0.81)	KreterSS17 (0.85)	SzerediS16 (0.85)	SchuttS16 (0.88)
Euclid	SchnellH15 (0.20)	BertholdHLMS10 (0.29)	BofillCSV17 (0.29)	SchuttCSW12 (0.31)	abs-1009-0347 (0.32)
Dot	Schutt11 (138.00)	Caballero19 (125.00)	SchnellH15 (124.00)	Godet21a (123.00)	Groleaz21 (121.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	SchnellH15 (0.90)	BertholdHLMS10 (0.77)	BofillCSV17 (0.76)	abs-1009-0347 (0.74)	SchuttFSW13 (0.74)
Schutt11 R&C					
Euclid	SchuttFSW11 (0.40)	SchuttFS13a (0.46)	FahimiOQ18 (0.47)	Caballero19 (0.48)	SchuttFSW13 (0.50)
Dot	Dejemeppe16 (262.00)	Lombardi10 (261.00)	Malapert11 (259.00)	Baptiste02 (255.00)	Fahimi16 (240.00)
Cosine	SchuttFSW11 (0.83)	SchuttFS13a (0.77)	FahimiOQ18 (0.76)	Caballero19 (0.74)	SchuttFSW09 (0.73)
SchuttCSW12 R&C	GuSW12 (0.59)	GuSS13 (0.66)	KreterSS15 (0.70)	GuSSWC14 (0.72)	SchuttFSW11 (0.78)
Euclid	GuSW12 (0.23)	SchuttS16 (0.25)	abs-1009-0347 (0.26)	GuSS13 (0.26)	BofillCSV17 (0.26)
Dot	Schutt11 (109.00)	SchuttFSW11 (107.00)	Godet21a (107.00)	Lombardi10 (105.00)	Caballero19 (104.00)
Cosine	abs-1009-0347 (0.82)	SchuttS16 (0.82)	GuSW12 (0.81)	SchnellH15 (0.78)	SchuttFSW09 (0.78)
SchuttFS13 R&C	KreterSS15 (0.68)	SzerediS16 (0.72)	SchuttFS13a (0.76)	SchuttCSW12 (0.82)	SialaAH15 (0.82)
Euclid	SialaAH15 (0.27)	FontaineMH16 (0.32)	HentenryckM04 (0.32)	KovacsV06 (0.33)	HeipckeCCS00 (0.33)
Dot	Lombardi10 (152.00)	Schutt11 (149.00)	Godet21a (146.00)	Siala15a (141.00)	Baptiste02 (140.00)
Cosine	SialaAH15 (0.82)	HentenryckM04 (0.76)	FontaineMH16 (0.75)	VilimLS15 (0.75)	Bit-Monnot23 (0.74)
SchuttFS13a R&C	SchuttFSW15 (0.68)	SchuttFSW11 (0.68)	OuelletQ13 (0.70)	Vilim11 (0.70)	SchuttW10 (0.70)
Euclid	SchuttFSW11 (0.27)	SchuttFSW09 (0.30)	abs-1009-0347 (0.30)	Vilim11 (0.31)	OuelletQ18 (0.32)
Dot	Schutt11 (183.00)	Lombardi10 (163.00)	SchuttFSW11 (162.00)	Caballero19 (159.00)	Baptiste02 (155.00)
Cosine	SchuttFSW11 (0.88)	abs-1009-0347 (0.81)	SchuttFSW09 (0.81)	Vilim11 (0.79)	Caballero19 (0.79)
SchuttFSW09 R&C	SchuttFSW11 (0.63)	HeinzS11 (0.86)	SchuttFS13a (0.88)	SchuttCSW12 (0.88)	Vilim09 (0.88)
Euclid	abs-1009-0347 (0.24)	SchuttFSW13 (0.27)	SchuttFSW11 (0.27)	SchuttCSW12 (0.27)	SchuttFS13a (0.30)
Dot	Schutt11 (148.00)	SchuttFSW11 (139.00)	Godet21a (136.00)	Lombardi10 (131.00)	Caballero19 (124.00)
Cosine	SchuttFSW11 (0.88)	abs-1009-0347 (0.85)	SchuttFSW13 (0.83)	SchuttFS13a (0.81)	SchuttCSW12 (0.78)
SchuttFSW11 R&C	SchuttFSW09 (0.63)	SchuttFS13a (0.68)	SchuttFSW13 (0.71)	SchuttW10 (0.75)	SchuttCSW12 (0.78)
Euclid	SchuttFSW09 (0.27)	SchuttFS13a (0.27)	abs-1009-0347 (0.32)	SchuttFSW13 (0.35)	LiessM08 (0.35)
Dot	Schutt11 (217.00)	Lombardi10 (191.00)	Baptiste02 (179.00)	Dejemeppe16 (177.00)	Godet21a (176.00)
Cosine	SchuttFSW09 (0.88)	SchuttFS13a (0.88)	Schutt11 (0.83)	abs-1009-0347 (0.82)	SchuttFSW13 (0.77)
SchuttFSW13 R&C	SchuttFSW15 (0.64)	SchuttFSW11 (0.71)	SchuttFS13a (0.77)	KreterSS15 (0.78)	SchuttCSW12 (0.78)
Euclid	abs-1009-0347 (0.19)	SchuttFSW09 (0.27)	SchuttS16 (0.30)	SchuttCSW12 (0.31)	KreterSSZ18 (0.31)
Dot	Schutt11 (162.00)	Caballero19 (147.00)	Godet21a (146.00)	Lombardi10 (141.00)	SchuttFSW11 (135.00)
Cosine	abs-1009-0347 (0.91)	SchuttFSW09 (0.83)	KreterSSZ18 (0.80)	SchuttS16 (0.79)	SchuttFS13a (0.78)
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)	BofillCSV17 (0.28)	abs-1009-0347 (0.28)	PoderBS04 (0.29)
Dot	Godet21a (127.00)	Schutt11 (124.00)	Lombardi10 (121.00)	Caballero19 (119.00)	Beck99 (115.00)
Cosine	SchuttCSW12 (0.82)	YoungFS17 (0.80)	abs-1009-0347 (0.80)	SchuttFSW13 (0.79)	SzerediS16 (0.77)
SchuttW10 R&C	Vilim09 (0.57)	OuelletQ13 (0.62)	KameugneF13 (0.62)	Vilim11 (0.63)	KameugneFSN11 (0.63)
Euclid	SchuttWS05 (0.25)	KameugneFSN11 (0.26)	KameugneFSN14 (0.29)	OuelletQ18 (0.29)	KameugneFGOQ18 (0.30)
Dot	Schutt11 (124.00)	Baptiste02 (120.00)	Fahimi16 (118.00)	Dejemeppe16 (115.00)	Lombardi10 (114.00)
Cosine	KameugneFSN11 (0.81)	SchuttWS05 (0.80)	KameugneFSN14 (0.80)	KameugneFGOQ18 (0.78)	KameugneFND23 (0.77)
SchuttWS05 R&C	WolfS05 (0.45)	SchuttW10 (0.67)	MercierH08 (0.76)	KameugneFGOQ18 (0.79)	Tesch16 (0.80)
Euclid	BeldiceanuP07 (0.23)	PoderB08 (0.24)	MercierH08 (0.24)	SchuttW10 (0.25)	BockmayrP06 (0.25)
Dot	Baptiste02 (104.00)	Dejemeppe16 (100.00)	Beck99 (97.00)	Lombardi10 (96.00)	Groleaz21 (96.00)
Cosine	SchuttW10 (0.80)	MercierH08 (0.78)	BeldiceanuP07 (0.78)	PoderB08 (0.76)	Hooker05a (0.75)
SenderovichBB19 R&C					
Euclid	BeckPS03 (0.30)	TanSD10 (0.33)	VilimBC04 (0.33)	LombardiBM15 (0.33)	HeipckeCCS00 (0.34)
Dot	Dejemeppe16 (155.00)	ZarandiASC20 (149.00)	Lombardi10 (144.00)	Lunardi20 (139.00)	Astrand21 (138.00)
Cosine	BeckPS03 (0.79)	DejemeppeCS15 (0.74)	TanSD10 (0.74)	Wolf05 (0.73)	LombardiBM15 (0.73)
SerraNM12 R&C	DavenportKRSH07 (0.90)	WatsonB08 (0.92)	SimoninAHL15 (0.92)	BeldiceanuP07 (0.93)	BeckFW11 (0.94)
Euclid	ZibranR11a (0.30)	KhemmoudjPB06 (0.30)	GilesH16 (0.31)	ZibranR11 (0.32)	PoderB08 (0.32)
Dot	Beck99 (102.00)	Lombardi10 (102.00)	Dejemeppe16 (101.00)	Groleaz21 (99.00)	LaborieRSV18 (97.00)
Cosine	AalianPG23 (0.69)	GoelSHFS15 (0.69)	KhemmoudjPB06 (0.68)	GilesH16 (0.68)	ZibranR11a (0.67)
ShaikhK23 R&C					
Euclid	Puget95 (0.25)	PesantGPR99 (0.26)	Caseau97 (0.27)	CrawfordB94 (0.27)	LauLN08 (0.27)
Dot	ZarandiASC20 (97.00)	Astrand21 (91.00)	Beck99 (88.00)	Lemos21 (86.00)	Groleaz21 (82.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	Puget95 (0.69)	PesantGPR99 (0.68)	BorghesiBLMB18 (0.67)	DemirovicS18 (0.66)	CarchraeB09 (0.66)
ShiYXQ22 R&C	ZhuSZW23 (0.73)	ZhangYW21 (0.84)	NaderiBZ22a (0.85)	ColT19 (0.91)	LunardiBLRV20 (0.95)
Euclid					
Dot					
Cosine					
ShinBBHO18 R&C	BourdaisGP03 (0.97)	FrohnerTR19 (0.97)	HoYCLLCLC18 (0.98)	AntunesABD20 (0.98)	Tom19 (0.98)
Euclid	HoYCLLCLC18 (0.25)	LuoVLBM16 (0.30)	WeilHFP95 (0.30)	BourdaisGP03 (0.32)	LudwigKRBMS14 (0.32)
Dot	Dejemeppe16 (87.00)	ZarandiASC20 (83.00)	SenderovichBB19 (75.00)	Wolf11 (72.00)	Astrand21 (70.00)
Cosine	HoYCLLCLC18 (0.76)	WeilHFP95 (0.64)	SenderovichBB19 (0.63)	LuoVLBM16 (0.63)	Wolf11 (0.62)
Siala15 R&C	OhrimenkoSC09 (0.99)				
Euclid	Siala15a (0.30)	GrimesHM09 (0.53)	Bit-Monnot23 (0.53)	SialaAH15 (0.54)	FocacciLN00 (0.54)
Dot	Siala15a (302.00)	Malapert11 (196.00)	Dejemeppe16 (193.00)	Godet21a (178.00)	Groleaz21 (177.00)
Cosine	Siala15a (0.92)	GrimesHM09 (0.62)	Bit-Monnot23 (0.62)	FocacciLN00 (0.60)	SialaAH15 (0.60)
Siala15a R&C					
Euclid	Siala15 (0.30)	Bit-Monnot23 (0.55)	SialaAH15 (0.56)	GrimesHM09 (0.59)	GrimesH10 (0.59)
Dot	Siala15 (302.00)	Dejemeppe16 (232.00)	Malapert11 (230.00)	Godet21a (224.00)	Groleaz21 (219.00)
Cosine	Siala15 (0.92)	Bit-Monnot23 (0.68)	SialaAH15 (0.67)	Elkhyari03 (0.62)	GrimesHM09 (0.62)
SialaAH15 R&C	KreterSS15 (0.79)	SchuttFS13 (0.82)	SzerediS16 (0.83)	SchuttCSW12 (0.85)	GrimesHM09 (0.88)
Euclid	SchuttFS13 (0.27)	FontaineMH16 (0.28)	HeipckeCCS00 (0.29)	CarchraeB09 (0.29)	KovacsV06 (0.29)
Dot	Siala15a (143.00)	Godet21a (142.00)	Baptiste02 (137.00)	Schutt11 (133.00)	Groleaz21 (131.00)
Cosine	SchuttFS13 (0.82)	Bit-Monnot23 (0.81)	VilimLS15 (0.79)	FontaineMH16 (0.78)	CarchraeB09 (0.78)
SimoninAHL12 R&C	SimoninAHL15 (0.62)	BeldiceanuC02 (0.82)	Simonis07 (0.84)	WolfS05a (0.86)	LetortCB15 (0.86)
Euclid	SimoninAHL15 (0.18)	PoderB08 (0.23)	WolfS05 (0.24)	Bonfietti16 (0.24)	BeldiceanuP07 (0.24)
Dot	Lombardi10 (96.00)	Schutt11 (94.00)	Fahimi16 (93.00)	Godet21a (92.00)	Malapert11 (91.00)
Cosine	SimoninAHL15 (0.88)	PoderB08 (0.79)	WolfS05 (0.77)	Bonfietti16 (0.76)	BeldiceanuP07 (0.76)
SimoninAHL15 R&C	SimoninAHL12 (0.62)	DavenportKRSH07 (0.86)	Simonis95 (0.88)	Geske05 (0.88)	AggounV04 (0.89)
Euclid	SimoninAHL12 (0.18)	BeldiceanuP07 (0.23)	PoderB08 (0.24)	WolfS05 (0.24)	LudwigKRBMS14 (0.25)
Dot	Malapert11 (99.00)	Lombardi10 (97.00)	Godet21a (96.00)	Schutt11 (95.00)	Groleaz21 (93.00)
Cosine	SimoninAHL12 (0.88)	BeldiceanuP07 (0.79)	PoderB08 (0.77)	WolfS05 (0.77)	LozanoCDS12 (0.74)
Simonis07 R&C	SimoninAHL12 (0.84)	Simonis99 (0.86)	BosiM2001 (0.86)	SimonisCK00 (0.86)	SimonisC95 (0.88)
Euclid	HarjunkoskiG02 (0.41)	Simonis99 (0.41)	BockmayrP06 (0.41)	Simonis95a (0.42)	JainG01 (0.42)
Dot	Dejemeppe16 (168.00)	Malapert11 (159.00)	ZarandiASC20 (157.00)	Baptiste02 (145.00)	Fahimi16 (145.00)
Cosine	Simonis99 (0.71)	HarjunkoskiG02 (0.69)	BockmayrP06 (0.68)	JainG01 (0.67)	Simonis95a (0.67)
Simonis95 R&C	Simonis95a (0.68)	AggounV04 (0.71)	SimonisCK00 (0.75)	SimonisC95 (0.82)	BeldiceanuCDP11 (0.82)
Euclid	DincbasS91 (0.21)	FalaschiGMP97 (0.25)	Simonis95a (0.25)	Touraivane95 (0.25)	CestaOS98 (0.26)
Dot	Simonis99 (74.00)	Simonis95a (67.00)	Simonis07 (65.00)	BeldiceanuC94 (65.00)	Wallace96 (64.00)
Cosine	Simonis95a (0.81)	Simonis99 (0.73)	SimonisCK00 (0.73)	BeldiceanuC94 (0.73)	GruianK98 (0.70)
Simonis95a R&C	Simonis99 (0.63)	Simonis95 (0.68)	SimonisC95 (0.75)	Goltz95 (0.79)	AggounV04 (0.88)
Euclid	Simonis99 (0.25)	Simonis95 (0.25)	SimonisC95 (0.28)	GruianK98 (0.30)	DincbasSH90 (0.31)
Dot	Simonis99 (129.00)	Wallace96 (104.00)	Simonis07 (104.00)	Beck99 (104.00)	Lombardi10 (97.00)
Cosine	Simonis99 (0.88)	Simonis95 (0.81)	SimonisC95 (0.78)	Wallace96 (0.74)	GruianK98 (0.73)
Simonis99 R&C	Simonis95a (0.63)	SimonisCK00 (0.81)	SimonisC95 (0.81)	Goltz95 (0.84)	MilanoORT02 (0.85)
Euclid	Simonis95a (0.25)	SimonisC95 (0.35)	SimonisCK00 (0.36)	Simonis95 (0.37)	Wallace96 (0.38)
Dot	Malapert11 (147.00)	Beck99 (141.00)	Simonis07 (137.00)	Schutt11 (137.00)	Lombardi10 (136.00)
Cosine	Simonis95a (0.88)	SimonisC95 (0.75)	Simonis95 (0.73)	SimonisCK00 (0.73)	Wallace96 (0.73)
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)	SimonisCK00 (0.33)
Dot	Simonis99 (111.00)	Simonis07 (100.00)	Beck99 (100.00)	BosiM2001 (99.00)	Malapert11 (98.00)
Cosine	Simonis95a (0.78)	Simonis99 (0.75)	Goltz95 (0.75)	Simonis95 (0.70)	SimonisCK00 (0.69)
SimonisCK00 R&C	Simonis95 (0.75)	Geske05 (0.75)	SimonisC95 (0.77)	AggounV04 (0.78)	Simonis99 (0.81)
Euclid	Simonis95 (0.27)	PoderB08 (0.28)	PoderBS04 (0.28)	WolfS05 (0.30)	BockmayrP06 (0.30)
Dot	Simonis99 (98.00)	Simonis07 (94.00)	Malapert11 (94.00)	LaborieRSV18 (82.00)	Godet21a (82.00)
Cosine	Simonis99 (0.73)	Simonis95 (0.73)	PoderBS04 (0.72)	BeldiceanuC94 (0.69)	PoderB08 (0.69)
SimonisH11 R&C	OuelletQ13 (0.74)	HoundjiSWD14 (0.75)	Vilim09 (0.77)	LetortCB15 (0.83)	KameugneFSN11 (0.83)
Euclid	PoderB08 (0.20)	WolfS05 (0.21)	BeldiceanuP07 (0.21)	Caseau97 (0.25)	PoderBS04 (0.25)
Dot	Malapert11 (74.00)	Dejemeppe16 (69.00)	Fahimi16 (68.00)	Beck99 (67.00)	Baptiste02 (67.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	WolfS05 (0.81)	PoderB08 (0.80)	BeldiceanuP07 (0.80)	PoderBS04 (0.74)	BeldiceanuC02 (0.73)
SmithBHW96 R&C	Darby-DowmanLMZ97 (0.69)	DarbyDowmanL98 (0.82)	NuijtenA96 (0.89)	RodosekWH99 (0.91)	DincbasSH90 (0.91)
Euclid	AbrilSB05 (0.22)	FrostD98 (0.22)	GelainPRVW17 (0.22)	ZhangLS12 (0.23)	Davis87 (0.23)
Dot	Baptiste02 (49.00)	ZarandiASC20 (45.00)	Wallace96 (44.00)	BartakSR10 (44.00)	Lemos21 (44.00)
Cosine	BartakS11 (0.69)	Bartak02 (0.66)	ZhangLS12 (0.65)	GelainPRVW17 (0.64)	GarridoOS08 (0.64)
SmithC93 R&C					
Euclid	OddiS97 (0.19)	FoxAS82 (0.23)	CrawfordB94 (0.25)	ValleMGT03 (0.25)	LauLN08 (0.25)
Dot	ZarandiASC20 (100.00)	Groleaz21 (98.00)	Dejemeppe16 (94.00)	Astrand21 (92.00)	Beck99 (92.00)
Cosine	OddiS97 (0.86)	SadehF96 (0.81)	FoxAS82 (0.78)	BeckPS03 (0.76)	ValleMGT03 (0.75)
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 (0.31)	ArtiguesBF04 (0.32)
Dot	Baptiste02 (178.00)	Groleaz21 (156.00)	Malapert11 (151.00)	ZarandiASC20 (149.00)	Godet21a (147.00)
Cosine	MenciaSV12 (0.82)	MenciaSV13 (0.82)	NuijtenP98 (0.79)	NuijtenA96 (0.78)	BartakSR08 (0.78)
SquillaciPR23 R&C	BartoliniBBLM14 (0.95)	ParkUJR19 (0.95)	GilesH16 (0.96)	ZhangYW21 (0.96)	Laborie18a (0.97)
Euclid	KucukY19 (0.27)	VerfaillieL01 (0.31)	FrankDT16 (0.32)	ZibranR11 (0.33)	ZibranR11a (0.33)
Dot	Groleaz21 (81.00)	Lemos21 (80.00)	LaborieRSV18 (78.00)	Astrand21 (74.00)	ZarandiASC20 (71.00)
Cosine	KucukY19 (0.74)	VerfaillieL01 (0.64)	PraletLJ15 (0.60)	AlesioBNG15 (0.59)	FrankDT16 (0.57)
StidsenKM96 R&C					
Euclid					
Dot					
Cosine					
SubulanC22 R&C	YuraszeckMPV22 (0.91)	HauderBRPA20 (0.92)	ArkhipovBL19 (0.93)	SchnellH17 (0.94)	ZouZ20 (0.96)
Euclid	HubnerGSV21 (0.36)	LombardiM09 (0.41)	CampeauG22 (0.41)	QuirogaZH05 (0.42)	GokPTGO23 (0.42)
Dot	ZarandiASC20 (189.00)	Groleaz21 (173.00)	Lombardi10 (168.00)	Astrand21 (166.00)	Lunardi20 (165.00)
Cosine	HubnerGSV21 (0.77)	abs-1902-09244 (0.69)	GokPTGO23 (0.69)	LombardiM09 (0.69)	AfsarVPG23 (0.68)
SunLYL10 R&C	CambazardHDJT04 (0.90)	HladikCDJ08 (0.94)	AlesioNBG14 (0.96)	LiuW11 (0.98)	AlesioBNG15 (0.98)
Euclid	Hunsberger08 (0.17)	GomesHS06 (0.20)	AngelsmarkJ00 (0.22)	CarchraeBF05 (0.22)	BarlattCG08 (0.22)
Dot	Groleaz21 (56.00)	Lombardi10 (53.00)	HarjunkoskiMBC14 (52.00)	HladikCDJ08 (52.00)	ZarandiASC20 (51.00)
Cosine	Hunsberger08 (0.79)	GomesHS06 (0.72)	LozanoCDS12 (0.68)	RoweJCA96 (0.67)	AkramNHRSA23 (0.66)
SunTB19 R&C	QinDCS20 (0.71)	UnsalO13 (0.75)	CireCH16 (0.85)	CobanH11 (0.86)	UnsalO19 (0.87)
Euclid	CorreaLR07 (0.33)	CireCH13 (0.34)	LipovetzkyBPS14 (0.34)	CireCH16 (0.35)	BeniniLMMR08 (0.35)
Dot	Lombardi10 (114.00)	UnsalO13 (107.00)	ZhuSZW23 (106.00)	QinDCS20 (106.00)	Groleaz21 (106.00)
Cosine	CorreaLR07 (0.70)	QinDCS20 (0.70)	UnsalO13 (0.69)	EmeretlisTAV17 (0.67)	LipovetzkyBPS14 (0.67)
SureshMOK06 R&C					
Euclid	Davis87 (0.27)	Hunsberger08 (0.27)	AngelsmarkJ00 (0.28)	RoweJCA96 (0.28)	SunLYL10 (0.28)
Dot	Groleaz21 (72.00)	ZarandiASC20 (71.00)	Beck99 (68.00)	Lombardi10 (66.00)	Froger16 (65.00)
Cosine	TranPZLDB18 (0.65)	BarbulescuWH04 (0.64)	RoweJCA96 (0.62)	IfrimOS12 (0.61)	WuBB09 (0.60)
SvancaraB22 R&C					
Euclid	FortinZDF05 (0.26)	RodriguezDG02 (0.27)	Hunsberger08 (0.27)	AngelsmarkJ00 (0.28)	ChapadosJR11 (0.28)
Dot	ZarandiASC20 (82.00)	LaborieRSV18 (72.00)	Lemos21 (70.00)	Beck99 (66.00)	Fahimi16 (66.00)
Cosine	TranVNB17 (0.67)	BehrensLM19 (0.66)	FortinZDF05 (0.66)	RodriguezDG02 (0.64)	abs-1901-07914 (0.62)
SzerediS16 R&C	YoungFS17 (0.57)	KreterSS15 (0.68)	SchuttFS13 (0.72)	SchnellH15 (0.79)	GeibingerMM19 (0.80)
Euclid	YoungFS17 (0.22)	BofillCSV17 (0.26)	AmadiniGM16 (0.28)	SchuttS16 (0.30)	KreterSS15 (0.30)
Dot	Godet21a (130.00)	Caballero19 (125.00)	PovedaAA23 (122.00)	BoudreaultSLQ22 (122.00)	Schutt11 (122.00)
Cosine	YoungFS17 (0.88)	BofillCSV17 (0.81)	KreterSSZ18 (0.79)	SchnellH15 (0.78)	KreterSS15 (0.77)
TanSD10 R&C	MonetteDD07 (0.83)	DorndorfHP99 (0.84)	SourdN00 (0.84)	LiuGT10 (0.85)	BaptisteLPN06 (0.86)
Euclid	WatsonB08 (0.23)	BeckFW11 (0.25)	ArtiguesBF04 (0.26)	ArtiguesF07 (0.27)	VilimBC04 (0.27)
Dot	Baptiste02 (128.00)	Groleaz21 (127.00)	Schutt11 (126.00)	Malapert11 (125.00)	Fahimi16 (125.00)
Cosine	WatsonB08 (0.84)	BeckFW11 (0.83)	ArtiguesF07 (0.82)	ArtiguesBF04 (0.82)	MenciaSV13 (0.80)
TanT18 R&C	EmeretlisTAV17 (0.77)	CobanH11 (0.88)	MartnezAJ22 (0.88)	CireCH16 (0.89)	NaderiRBAU21 (0.89)
Euclid	BillautHL12 (0.33)	Mehdizadeh-Somarin23 (0.33)	ArtiguesBF04 (0.33)	GuyonLPR12 (0.34)	TranB12 (0.34)
Dot	NaderiRR23 (137.00)	Groleaz21 (137.00)	ZarandiASC20 (131.00)	Baptiste02 (131.00)	JuvinHL22 (128.00)
Cosine	JuvinHL22 (0.77)	NaderiBZ22a (0.74)	TranB12 (0.74)	ZhuSZW23 (0.74)	GuyonLPR12 (0.74)
TanZWGQ19 R&C	CobanH10 (0.94)	HamdiL13 (0.94)	ChuX05 (0.94)	GongLMW09 (0.94)	ZeballosM09 (0.94)
Euclid	CzerniachowskaWZ23 (0.33)	JuvinHL23 (0.33)	Limtanyakul07 (0.34)	BarlattCG08 (0.34)	LauLN08 (0.34)
Dot	Lunardi20 (135.00)	ZarandiASC20 (124.00)	Astrand21 (111.00)	MengZRZL20 (111.00)	Groleaz21 (111.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	CzerniachowskaWZ23 (0.76)	MurinR19 (0.70)	NaderiBZ23 (0.68)	Ham18a (0.68)	NaderiBZ22 (0.68)
TangB20 R&C	KoschB14 (0.83)	ArmstrongGOS21 (0.86)	MalapertGR12 (0.86)	CappartS17 (0.88)	HamFC17 (0.88)
Euclid	Beck10 (0.35)	HamdiL13 (0.36)	BajestaniB11 (0.37)	Limtanyakul07 (0.37)	CireCH13 (0.37)
Dot	ZarandiASC20 (112.00)	Malapert11 (111.00)	Dejemeppe16 (109.00)	Lunardi20 (106.00)	LaborieRSV18 (105.00)
Cosine	HamdiL13 (0.68)	Beck10 (0.66)	BajestaniB11 (0.63)	CobanH11 (0.63)	ParkUJR19 (0.63)
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)	KamarainenS02 (0.34)	ZibranR11 (0.35)	Puget95 (0.35)
Dot	ZarandiASC20 (144.00)	Lombardi10 (121.00)	Dejemeppe16 (118.00)	Lemos21 (112.00)	Groleaz21 (112.00)
Cosine	ZouZ20 (0.73)	ZibranR11a (0.70)	LiuW11 (0.66)	KamarainenS02 (0.66)	ZibranR11 (0.65)
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 (0.33)	KameugneFSN14 (0.36)	KameugneFSN11 (0.36)
Dot	Fahimi16 (154.00)	Schutt11 (146.00)	Dejemeppe16 (137.00)	Kameugne14 (132.00)	Baptiste02 (131.00)
Cosine	GayHS15a (0.77)	Vilim11 (0.76)	OuelletQ18 (0.75)	KameugneFSN14 (0.72)	SchuttFS13a (0.72)
TasselGS23 R&C					
Euclid	abs-2306-05747 (0.00)	BeckFW11 (0.30)	CarchraeB09 (0.30)	WatsonB08 (0.31)	abs-2102-08778 (0.33)
Dot	abs-2306-05747 (145.00)	ZarandiASC20 (143.00)	Groleaz21 (142.00)	ColT22 (134.00)	Lunardi20 (132.00)
Cosine	abs-2306-05747 (1.00)	BeckFW11 (0.78)	CarchraeB09 (0.77)	WatsonB08 (0.76)	ColT19 (0.74)
Tay92 R&C					
Euclid					
Dot					
Cosine					
Teppan22 R&C					
Euclid	abs-2102-08778 (0.27)	HamP21 (0.29)	WatsonB08 (0.31)	TanSD10 (0.31)	JuvinHL23 (0.32)
Dot	ZarandiASC20 (127.00)	ColT22 (126.00)	Lunardi20 (122.00)	Baptiste02 (122.00)	Groleaz21 (119.00)
Cosine	abs-2102-08778 (0.78)	HamP21 (0.78)	YuraszeckMCCR23 (0.73)	JuvinHL22 (0.73)	abs-2306-05747 (0.73)
TerekhovDOB12 R&C	CireCH13 (0.88)	HamdiL13 (0.88)	TrojetHL11 (0.90)	AgussurjaKL18 (0.92)	CobanH10 (0.92)
Euclid	KovacsB11 (0.37)	BeckR03 (0.37)	BeckPS03 (0.39)	TouatBT22 (0.39)	MonetteDH09 (0.40)
Dot	ZarandiASC20 (204.00)	Groleaz21 (202.00)	Baptiste02 (199.00)	Dejemeppe16 (177.00)	PrataAN23 (175.00)
Cosine	KovacsB11 (0.76)	BeckR03 (0.75)	TouatBT22 (0.74)	PrataAN23 (0.73)	KanetAG04 (0.72)
TerekhovTDB14 R&C	NovasH12 (0.97)	WuBB09 (0.98)	BidotVLB09 (0.99)	Hooker05 (0.99)	HarjunkoskiMBC14 (1.00)
Euclid	ParkUJR19 (0.32)	Mehdizadeh-Somarin23 (0.35)	TranTDB13 (0.35)	ZhouGL15 (0.35)	TranPZLDB18 (0.36)
Dot	ZarandiASC20 (183.00)	Groleaz21 (179.00)	Baptiste02 (160.00)	PrataAN23 (158.00)	Astrand21 (158.00)
Cosine	ParkUJR19 (0.79)	Mehdizadeh-Somarin23 (0.75)	ZhouGL15 (0.75)	TranTDB13 (0.74)	TranPZLDB18 (0.72)
Tesch16 R&C	Tesch18 (0.55)	KameugneFGOQ18 (0.61)	OuelletQ13 (0.63)	OuelletQ18 (0.63)	KameugneF13 (0.69)
Euclid	DerrienP14 (0.26)	HeinzS11 (0.27)	Tesch18 (0.27)	BertholdHLMS10 (0.28)	WolfS05 (0.29)
Dot	Fahimi16 (102.00)	Schutt11 (101.00)	Tesch18 (100.00)	Lombardi10 (94.00)	Kameugne14 (94.00)
Cosine	Tesch18 (0.82)	HeinzS11 (0.75)	DerrienP14 (0.75)	DerrienPZ14 (0.72)	BertholdHLMS10 (0.71)
Tesch18 R&C	OuelletQ18 (0.38)	Tesch16 (0.55)	OuelletQ13 (0.62)	KameugneF13 (0.65)	KameugneFGOQ18 (0.68)
Euclid	Tesch16 (0.27)	CarlierPSJ20 (0.31)	HanenKP21 (0.31)	Limtanyakul07 (0.33)	KameugneFSN11 (0.33)
Dot	Baptiste02 (147.00)	Fahimi16 (143.00)	Lombardi10 (138.00)	Schutt11 (134.00)	Dejemeppe16 (132.00)
Cosine	Tesch16 (0.82)	HanenKP21 (0.78)	CarlierPSJ20 (0.77)	KameugneFSN11 (0.74)	Limtanyakul07 (0.74)
ThiruvadyBME09 R&C	ZhangLS12 (0.93)	QuirogaZH05 (0.93)	Geske05 (0.93)	EvenSH15 (0.94)	KovacsV04 (0.94)
Euclid	Limtanyakul07 (0.29)	BenediktSMVH18 (0.31)	Sadykov04 (0.31)	Hooker17 (0.32)	BogaerdtW19 (0.32)
Dot	Groleaz21 (114.00)	ZarandiASC20 (108.00)	Lunardi20 (95.00)	Astrand21 (94.00)	PrataAN23 (92.00)
Cosine	BillautHL12 (0.65)	Limtanyakul07 (0.65)	YuraszeckMC23 (0.65)	TranAB16 (0.65)	ZhangJZL22 (0.63)
ThiruvadyWGS14 R&C	GuSS13 (0.74)	GuSSWC14 (0.85)	GuSW12 (0.88)	SchuttCSW12 (0.92)	SchnellH15 (0.93)
Euclid	GuSS13 (0.30)	GuSW12 (0.30)	KovacsV06 (0.33)	HeipckeCCS00 (0.34)	LombardiM13 (0.34)
Dot	ZarandiASC20 (137.00)	Groleaz21 (129.00)	Dejemeppe16 (117.00)	Lombardi10 (116.00)	IsikYA23 (111.00)
Cosine	GuSS13 (0.73)	GuSW12 (0.72)	abs-2402-00459 (0.72)	HillTV21 (0.68)	KovacsV06 (0.67)
ThomasKS20 R&C	CappartTSR18 (0.85)	MurinR19 (0.87)	LaborieRSV18 (0.92)	Laborie18a (0.92)	ColT2019a (0.92)
Euclid	CappartTSR18 (0.22)	ZibranR11 (0.30)	ZibranR11a (0.30)	HebrardALLCMR22 (0.31)	ChapadosJR11 (0.31)
Dot	Dejemeppe16 (95.00)	CappartTSR18 (94.00)	LaborieRSV18 (89.00)	Groleaz21 (81.00)	SacramentoSP20 (78.00)
Cosine	CappartTSR18 (0.86)	GoelSHFS15 (0.67)	DejemeppeD14 (0.65)	AalianPG23 (0.63)	ZibranR11a (0.63)
Thorsteinsson01 R&C	Hooker04 (0.72)	JainG01 (0.74)	Hooker05b (0.76)	Hooker05 (0.77)	CambazardHDJT04 (0.78)
Euclid	HookerO03 (0.21)	HookerY02 (0.27)	BockmayrP06 (0.27)	Hooker05a (0.28)	CireCH13 (0.28)
Dot	HookerH17 (97.00)	Baptiste02 (90.00)	Lombardi10 (89.00)	MilanoW06 (87.00)	MilanoW09 (86.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	HookerO03 (0.83)	Hooker06 (0.73)	JainG01 (0.73)	HamdiL13 (0.72)	Hooker05a (0.72)
Timpe02 R&C	Hooker06 (0.87)	MaraveliasG04 (0.88)	ChuX05 (0.89)	Hooker05a (0.90)	CambazardHDJT04 (0.91)
Euclid	BockmayrP06 (0.29)	GilesH16 (0.30)	AstrandJZ18 (0.31)	PoderBS04 (0.32)	abs-2312-13682 (0.32)
Dot	LaborieRSV18 (94.00)	Beck99 (93.00)	Astrand21 (92.00)	ZarandiASC20 (91.00)	Malapert11 (91.00)
Cosine	BockmayrP06 (0.70)	GilesH16 (0.68)	AstrandJZ18 (0.68)	MaraveliasCG04 (0.67)	DavenportKRSH07 (0.66)
Tom19 R&C	HoYCLLCLC18 (0.97)	MusliuSS18 (0.98)	AntunesABD18 (0.98)	ShinBBHO18 (0.98)	SubulanC22 (0.98)
Euclid	AngelsmarkJ00 (0.23)	Caseau97 (0.24)	BarlattCG08 (0.24)	Puget95 (0.24)	BridiLBBM16 (0.24)
Dot	ZarandiASC20 (87.00)	Dejemeppe16 (76.00)	Lunardi20 (74.00)	Astrand21 (73.00)	Beck99 (69.00)
Cosine	NovasH14 (0.70)	BridiLBBM16 (0.68)	Caseau97 (0.67)	KhayatLR06 (0.66)	AngelsmarkJ00 (0.66)
TopaloglugO11 R&C	EdisO11a (0.93)	Geske05 (0.94)	BosiM2001 (0.94)	Simonis07 (0.95)	Simonis99 (0.95)
Euclid	BourdaisGP03 (0.31)	DoulabiRP16 (0.32)	PesantGPR99 (0.32)	ZibranR11 (0.32)	ZibranR11a (0.32)
Dot	ZarandiASC20 (90.00)	Dejemeppe16 (85.00)	WangMD15 (82.00)	Lemos21 (74.00)	RoshanaeiLAU17 (72.00)
Cosine	WangMD15 (0.70)	DoulabiRP16 (0.67)	BourdaisGP03 (0.63)	GurEA19 (0.63)	GurPAE23 (0.62)
TopaloglugSS12 R&C	BukchinR18 (0.80)	KizilayC20 (0.84)	OzturkTHO13 (0.85)	ValleMGT03 (0.87)	OzturkTHO15 (0.90)
Euclid					
Dot					
Cosine					
TorresL00 R&C	SourdN00 (0.72)	VilimBC05 (0.78)	Vilim04 (0.78)	VilimBC04 (0.83)	DemasseyAM05 (0.85)
Euclid	KovacsV04 (0.29)	NuijtenA94 (0.29)	NuijtenA96 (0.29)	BartakSR08 (0.29)	Vilim05 (0.29)
Dot	Baptiste02 (159.00)	Fahimi16 (144.00)	Dejemeppe16 (143.00)	Lombardi10 (142.00)	Beck99 (141.00)
Cosine	BartakSR08 (0.81)	KovacsV04 (0.78)	NuijtenA94 (0.78)	NuijtenA96 (0.78)	Vilim05 (0.77)
TouatBT22 R&C					
Euclid	QuirogaZH05 (0.36)	LaborieR14 (0.36)	NovasH14 (0.36)	MonetteDH09 (0.36)	BeckPS03 (0.36)
Dot	ZarandiASC20 (185.00)	Groleaz21 (180.00)	Dejemeppe16 (167.00)	LaborieRSV18 (162.00)	Lunardi20 (160.00)
Cosine	LaborieR14 (0.74)	MonetteDH09 (0.74)	TerekhovDOB12 (0.74)	NovasH14 (0.73)	QuirogaZH05 (0.73)
Touraivane95 R&C	Puget95 (0.88)	Pape94 (0.99)	AggounB93 (0.99)	Davis87 (1.00)	MintonJPL92 (1.00)
Euclid	FalaschiGMP97 (0.13)	CarchraeBF05 (0.22)	Baptiste09 (0.23)	AngelsmarkJ00 (0.23)	ChapadosJR11 (0.23)
Dot	Simonis99 (45.00)	Wallace96 (44.00)	BosiM2001 (42.00)	MartinPY01 (41.00)	Simonis95a (40.00)
Cosine	FalaschiGMP97 (0.87)	MartinPY01 (0.69)	AbdennadherS99 (0.66)	PesantGPR99 (0.63)	Simonis95a (0.59)
TranAB16 R&C	HechingHK19 (0.75)	ZarandiB12 (0.78)	Hooker07 (0.80)	CireCH16 (0.81)	Beck10 (0.81)
Euclid	TranB12 (0.18)	GedikKEK18 (0.31)	GomesM17 (0.32)	TanT18 (0.37)	EmeretlisTAV17 (0.37)
Dot	Groleaz21 (183.00)	ZarandiASC20 (168.00)	TranB12 (164.00)	NaderiRR23 (163.00)	Lunardi20 (153.00)
Cosine	TranB12 (0.94)	GedikKEK18 (0.82)	GomesM17 (0.81)	TanT18 (0.72)	EmeretlisTAV17 (0.72)
TranB12 R&C					
Euclid	TranAB16 (0.18)	GomesM17 (0.29)	GedikKEK18 (0.32)	TanT18 (0.34)	ArbaouiY18 (0.35)
Dot	TranAB16 (164.00)	Groleaz21 (157.00)	NaderiRR23 (149.00)	ZarandiASC20 (144.00)	YunusogluY22 (136.00)
Cosine	TranAB16 (0.94)	GomesM17 (0.81)	GedikKEK18 (0.80)	TanT18 (0.74)	ArbaouiY18 (0.72)
TranDRFWOVB16 R&C					
Euclid	CrawfordB94 (0.22)	TranWDRFOVB16 (0.24)	AngelsmarkJ00 (0.24)	Caseau97 (0.24)	Rit86 (0.25)
Dot	ZarandiASC20 (90.00)	Astrand21 (81.00)	Groleaz21 (80.00)	Dejemeppe16 (79.00)	Lombardi10 (79.00)
Cosine	CrawfordB94 (0.74)	TranWDRFOVB16 (0.73)	AngelsmarkJ00 (0.73)	JoLLH99 (0.72)	Caseau97 (0.71)
TranPZLDB18 R&C	IfrimOS12 (0.98)	ZarandiASC20 (1.00)			
Euclid	BridiLBBM16 (0.27)	CrawfordB94 (0.27)	IfrimOS12 (0.28)	DoRZ08 (0.29)	HoYCLLCLC18 (0.29)
Dot	Groleaz21 (109.00)	ZarandiASC20 (108.00)	Lombardi10 (104.00)	Astrand21 (97.00)	PrataAN23 (96.00)
Cosine	TerekhovTDB14 (0.72)	BridiLBBM16 (0.72)	IfrimOS12 (0.71)	CrawfordB94 (0.71)	WuBB09 (0.70)
TranTDB13 R&C	WuBB09 (0.98)	BidotVLB09 (0.98)	Hooker05 (0.99)		
Euclid	TranPZLDB18 (0.32)	DoRZ08 (0.32)	HebrardHJMPV16 (0.34)	ParkUJR19 (0.34)	CrawfordB94 (0.34)
Dot	Groleaz21 (122.00)	ZarandiASC20 (120.00)	Astrand21 (109.00)	TerekhovTDB14 (107.00)	Baptiste02 (105.00)
Cosine	TerekhovTDB14 (0.74)	ParkUJR19 (0.68)	TranPZLDB18 (0.68)	HebrardHJMPV16 (0.65)	DoRZ08 (0.65)
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 (117.00)	ZarandiASC20 (106.00)	Dejemeppe16 (106.00)	Lunardi20 (103.00)	Astrand21 (102.00)
Cosine	BoothNB16 (0.88)	TranVNB17a (0.84)	NishikawaSTT19 (0.75)	NishikawaSTT18a (0.73)	BoothTNB16 (0.72)
TranVNB17a R&C					
Euclid	BoothNB16 (0.19)	ChapadosJR11 (0.23)	TranVNB17 (0.23)	ZibranR11 (0.24)	GilesH16 (0.24)
Dot	LaborieRSV18 (79.00)	Dejemeppe16 (75.00)	ZarandiASC20 (72.00)	Astrand21 (72.00)	Lunardi20 (71.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	TranVNB17 (0.84)	BoothNB16 (0.84)	BoothTNB16 (0.78)	AstrandJZ18 (0.74)	GilesH16 (0.74)
TranWDRFOVB16 R&C					
Euclid	TranDRFWOVB16 (0.24)	LouieVNB14 (0.24)	Rit86 (0.25)	AngelsmarkJ00 (0.25)	Davis87 (0.25)
Dot	ZarandiASC20 (84.00)	Groleaz21 (80.00)	LaborieRSV18 (79.00)	Astrand21 (79.00)	Dejemeppe16 (79.00)
Cosine	TranDRFWOVB16 (0.73)	LouieVNB14 (0.70)	BeckPS03 (0.68)	KotaryFH22 (0.67)	HeipckeCCS00 (0.67)
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)	PoderBS04 (0.29)	GayHLS15 (0.30)
Dot	Dejemeppe16 (139.00)	Lombardi10 (138.00)	Baptiste02 (138.00)	Schutt11 (136.00)	Godet21a (135.00)
Cosine	ChuGNSW13 (0.79)	KovacsV04 (0.77)	LombardiM10 (0.77)	PoderBS04 (0.76)	GayHLS15 (0.74)
Tsang03 R&C	LombardiM12 (0.98)	JainG01 (1.00)			
Euclid	KovacsEKV05 (0.15)	ChapadosJR11 (0.18)	Baptiste09 (0.18)	CarchraeBF05 (0.18)	LimAHO02a (0.18)
Dot	Lemos21 (32.00)	Astrand21 (31.00)	Godet21a (31.00)	ElkhyariGJ02a (31.00)	BartakSR10 (31.00)
Cosine	KovacsEKV05 (0.68)	DilkinaH04 (0.67)	Puget95 (0.60)	BartakS11 (0.58)	PesantGPR99 (0.58)
TsurutaS00 R&C					
Euclid					
Dot					
Cosine					
UnsalO13 R&C	SunTB19 (0.75)	QinDCS20 (0.77)	UnsalO19 (0.91)	ZampelliVSDR13 (0.91)	LimRX04 (0.94)
Euclid	NishikawaSTT19 (0.37)	OzturkTHO12 (0.39)	SunTB19 (0.39)	HeipckeCCS00 (0.39)	ZampelliVSDR13 (0.39)
Dot	Dejemeppe16 (168.00)	Astrand21 (165.00)	Lunardi20 (156.00)	Malapert11 (156.00)	ZarandiASC20 (155.00)
Cosine	NishikawaSTT19 (0.71)	PovedaAA23 (0.70)	SacramentoSP20 (0.69)	SunTB19 (0.69)	OzturkTHO12 (0.68)
UnsalO19 R&C	CireCH16 (0.85)	QinDS16 (0.86)	SunTB19 (0.87)	QinDCS20 (0.91)	UnsalO13 (0.91)
Euclid	CorreaLR07 (0.30)	BeniniLMMR08 (0.31)	QinDS16 (0.32)	BeniniLMR11 (0.32)	BoothNB16 (0.33)
Dot	Lombardi10 (118.00)	ZarandiASC20 (109.00)	LombardiM12 (109.00)	QinDS16 (109.00)	Froger16 (108.00)
Cosine	QinDS16 (0.77)	CorreaLR07 (0.74)	BeniniLMR11 (0.73)	BeniniLMMR08 (0.72)	TranVNB17 (0.68)
Valdes87 R&C					
Euclid	Davis87 (0.12)	KameugneF13 (0.18)	LiuJ06 (0.18)	FrostD98 (0.19)	Rit86 (0.19)
Dot	Lombardi10 (32.00)	Siala15a (31.00)	Schutt11 (31.00)	Astrand21 (30.00)	Malapert11 (30.00)
Cosine	Davis87 (0.77)	Rit86 (0.63)	MoffittPP05 (0.59)	DincbasSH90 (0.56)	LiuJ06 (0.52)
ValleMGT03 R&C	PinarbasiA20 (0.86)	TopalogluSS12 (0.87)	ZhangLS12 (0.88)	OzturkTHO15 (0.88)	QuirogaZH05 (0.89)
Euclid	VanczaM01 (0.22)	abs-1901-07914 (0.25)	Bartak02a (0.25)	SmithC93 (0.25)	ChuGNSW13 (0.25)
Dot	ZarandiASC20 (93.00)	BartakSR10 (93.00)	Astrand21 (92.00)	Beck99 (89.00)	Dejemeppe16 (88.00)
Cosine	VanczaM01 (0.80)	Bartak02a (0.77)	abs-1901-07914 (0.77)	SmithC93 (0.75)	NovasH14 (0.75)
VanczaM01 R&C					
Euclid	ValleMGT03 (0.22)	NishikawaSTT18a (0.25)	NishikawaSTT18 (0.25)	BockmayrP06 (0.25)	BoothNB16 (0.26)
Dot	ZarandiASC20 (96.00)	Astrand21 (96.00)	Dejemeppe16 (93.00)	Lunardi20 (91.00)	Beck99 (88.00)
Cosine	ValleMGT03 (0.80)	NishikawaSTT18a (0.76)	NishikawaSTT18 (0.75)	Bartak02a (0.73)	NishikawaSTT19 (0.73)
VerfaillieL01 R&C	OddiPCC03 (0.81)	DannaP03 (0.89)	SchausHMCMD11 (0.91)	GarganiR07 (0.91)	PesantRR15 (0.92)
Euclid	KucukY19 (0.24)	ZibranR11 (0.25)	FrankDT16 (0.26)	ZibranR11a (0.26)	BensanaLV99 (0.27)
Dot	ZarandiASC20 (78.00)	Groleaz21 (73.00)	LaborieRSV18 (71.00)	Astrand21 (71.00)	Dejemeppe16 (69.00)
Cosine	KucukY19 (0.75)	GlobusCLP04 (0.68)	ZibranR11 (0.66)	FrankDT16 (0.66)	ZibranR11a (0.66)
Vilim02 R&C	Vilim04 (0.76)	CauwelaertDS20 (0.88)	Wolf03 (0.88)	SchuttS16 (0.89)	VilimBC04 (0.89)
Euclid	KovacsEKV05 (0.15)	CestaOS98 (0.17)	Baptiste09 (0.17)	Caballero23 (0.18)	WuBB05 (0.19)
Dot	Malapert11 (43.00)	Dejemeppe16 (42.00)	Baptiste02 (40.00)	ZarandiASC20 (39.00)	LaborieRSV18 (39.00)
Cosine	Vilim04 (0.70)	CauwelaertDMS16 (0.68)	KovacsEKV05 (0.67)	CauwelaertDS20 (0.65)	FocacciLN00 (0.63)
Vilim03 R&C	KovacsV06 (0.67)	Vilim05 (0.89)	JussienL02 (0.94)	ElkhyariGJ02a (0.95)	MalapertCGJLR12 (0.95)
Euclid	HebrardTW05 (0.16)	Baptiste09 (0.18)	AngelsmarkJ00 (0.18)	AbrilSB05 (0.19)	CarchraeBF05 (0.19)
Dot	Beck99 (47.00)	Schutt11 (47.00)	HookerH17 (45.00)	Lombardi10 (45.00)	Siala15a (45.00)
Cosine	BeckF00a (0.68)	BeckF99 (0.68)	Vilim05 (0.68)	BeckF00 (0.66)	SialaAH15 (0.65)
Vilim04 R&C	VilimBC04 (0.44)	VilimBC05 (0.63)	Vilim05 (0.73)	WolfS05a (0.76)	Vilim02 (0.76)
Euclid	VilimBC05 (0.20)	VilimBC04 (0.20)	CauwelaertDMS16 (0.22)	Vilim09 (0.23)	Vilim09a (0.24)
Dot	Dejemeppe16 (105.00)	Malapert11 (104.00)	Fahimi16 (103.00)	Baptiste02 (102.00)	Schutt11 (101.00)
Cosine	VilimBC05 (0.89)	VilimBC04 (0.86)	CauwelaertDS20 (0.86)	CauwelaertDMS16 (0.84)	DejemeppeCS15 (0.83)
Vilim05 R&C	Wolf05 (0.65)	ArtiouchineB05 (0.66)	VilimBC04 (0.69)	Vilim04 (0.73)	VilimBC05 (0.77)
Euclid	BeckF00a (0.26)	BeckF99 (0.26)	VilimBC04 (0.27)	Vilim04 (0.27)	BeckW05 (0.27)
Dot	Fahimi16 (130.00)	Schutt11 (130.00)	Baptiste02 (129.00)	Dejemeppe16 (128.00)	Beck99 (127.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BeckF00a (0.81)	BeckF00 (0.81)	BeckPS03 (0.78)	VilimBC04 (0.78)	VilimBC05 (0.78)
Vilim09 R&C	Vilim09a (0.52)	SchuttW10 (0.57)	KameugneFSN11 (0.58)	KameugneF13 (0.65)	MercierH08 (0.68)
Euclid	Vilim09a (0.18)	Vilim04 (0.23)	VilimBC04 (0.24)	BeckF99 (0.24)	Vilim11 (0.25)
Dot	Dejemeppe16 (95.00)	Fahimi16 (94.00)	Schutt11 (94.00)	Baptiste02 (93.00)	Lombardi10 (89.00)
Cosine	Vilim09a (0.86)	VilimBC04 (0.80)	Vilim11 (0.80)	VilimBC05 (0.79)	Vilim04 (0.79)
Vilim09a R&C	Vilim09 (0.52)	KameugneF13 (0.64)	SchuttW10 (0.66)	KameugneFSN11 (0.72)	OuelletQ18 (0.75)
Euclid	Vilim09 (0.18)	WolfS05 (0.18)	PoderB08 (0.19)	Vilim11 (0.22)	Kameugne15 (0.23)
Dot	Schutt11 (87.00)	Fahimi16 (86.00)	Baptiste02 (85.00)	Dejemeppe16 (84.00)	Lombardi10 (84.00)
Cosine	Vilim09 (0.86)	WolfS05 (0.85)	Vilim11 (0.84)	PoderB08 (0.81)	KovacsB08 (0.75)
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)	WolfS05 (0.25)	GayHS15a (0.25)
Dot	Schutt11 (127.00)	Fahimi16 (121.00)	Lombardi10 (117.00)	Dejemeppe16 (115.00)	Baptiste02 (113.00)
Cosine	Vilim09a (0.84)	GayHS15a (0.82)	OuelletQ18 (0.81)	Vilim09 (0.80)	SchuttFS13a (0.79)
VilimBC04 R&C	Vilim04 (0.44)	VilimBC05 (0.67)	Vilim05 (0.69)	MercierH07 (0.78)	ArtiouchineB05 (0.80)
Euclid	VilimBC05 (0.13)	Vilim04 (0.20)	CauwelaertDMS16 (0.21)	DejemeppeCS15 (0.23)	Vilim09 (0.24)
Dot	Baptiste02 (128.00)	Fahimi16 (126.00)	Dejemeppe16 (124.00)	Schutt11 (123.00)	Malapert11 (122.00)
Cosine	VilimBC05 (0.95)	CauwelaertDMS16 (0.86)	DejemeppeCS15 (0.86)	Vilim04 (0.86)	CauwelaertDS20 (0.84)
VilimBC05 R&C	Vilim04 (0.63)	VilimBC04 (0.67)	Vilim05 (0.77)	WolfS05a (0.78)	TorresL00 (0.78)
Euclid	VilimBC04 (0.13)	Vilim04 (0.20)	CauwelaertDMS16 (0.21)	CauwelaertDS20 (0.22)	DejemeppeCS15 (0.22)
Dot	Malapert11 (149.00)	Baptiste02 (147.00)	Dejemeppe16 (146.00)	Fahimi16 (143.00)	Schutt11 (142.00)
Cosine	VilimBC04 (0.95)	Vilim04 (0.89)	CauwelaertDS20 (0.89)	DejemeppeCS15 (0.88)	CauwelaertDMS16 (0.87)
VilimLS15 R&C	GayHLS15 (0.77)	ColT19 (0.82)	OuelletQ13 (0.86)	ColT2019a (0.86)	LaborieRSV18 (0.87)
Euclid	LiessM08 (0.28)	HeipckeCCS00 (0.29)	DemasseyAM05 (0.30)	ArkhipovBL19 (0.30)	CarchraeB09 (0.31)
Dot	Groleaz21 (180.00)	LaborieRSV18 (162.00)	Godet21a (162.00)	Lombardi10 (160.00)	Schutt11 (160.00)
Cosine	LiessM08 (0.83)	ArkhipovBL19 (0.81)	HeipckeCCS00 (0.81)	DemasseyAM05 (0.81)	Pralet17 (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	CireCH13 (0.34)	CireCH16 (0.35)	LozanoCDS12 (0.35)	BoothNB16 (0.35)	GoldwaserS17 (0.35)
Dot	NaderiRR23 (112.00)	Groleaz21 (96.00)	Lombardi10 (91.00)	ZarandiASC20 (86.00)	LaborieRSV18 (85.00)
Cosine	HladikCDJ08 (0.62)	CambazardHDJT04 (0.62)	CireCH13 (0.61)	Hooker06 (0.61)	CireCH16 (0.61)
Wallace06 R&C	AjiliW04 (0.85)	KamarainenS02 (0.88)	MilanoW06 (0.88)	MilanoW09 (0.90)	Milano11 (0.90)
Euclid	EreminW01 (0.31)	KamarainenS02 (0.35)	FallahiAC20 (0.35)	Puget95 (0.36)	BourdaisGP03 (0.37)
Dot	ZarandiASC20 (124.00)	Froger16 (121.00)	Groleaz21 (120.00)	Dejemeppe16 (115.00)	Lombardi10 (115.00)
Cosine	EreminW01 (0.75)	Wallace96 (0.67)	FallahiAC20 (0.66)	BourreauGGLT22 (0.65)	MilanoW06 (0.65)
Wallace94 R&C					
Euclid					
Dot					
Cosine					
Wallace96 R&C	DincbasSH90 (0.86)	SadehF96 (0.93)	NuijtenA96 (0.93)	Dorndorf2000 (0.93)	BeldiceanuC94 (0.94)
Euclid	Simonis95a (0.34)	LammaMM97 (0.35)	Bartak02 (0.36)	Simonis95 (0.37)	BocewiczBB09 (0.37)
Dot	ZarandiASC20 (148.00)	HookerH17 (135.00)	Beck99 (126.00)	Lombardi10 (126.00)	Simonis99 (125.00)
Cosine	Simonis95a (0.74)	Simonis99 (0.73)	LammaMM97 (0.72)	Bartak02 (0.70)	Wallace06 (0.67)
WallaceF00 R&C					
Euclid					
Dot					
Cosine					
WallaceY20 R&C	WessenCS20 (0.86)	EfthymiouY23 (0.90)	KreterSS15 (0.94)	BehrensLM19 (0.94)	KreterSS17 (0.95)
Euclid	EfthymiouY23 (0.42)	Caseau97 (0.42)	BukchinR18 (0.43)	DemirovicS18 (0.43)	LozanoCDS12 (0.43)
Dot	Godet21a (130.00)	Dejemeppe16 (129.00)	KoehlerBFFHPSSS21 (128.00)	Groleaz21 (127.00)	Astrand21 (123.00)
Cosine	EfthymiouY23 (0.61)	KoehlerBFFHPSSS21 (0.59)	abs-1911-04766 (0.59)	MullerMKP22 (0.58)	BurtLPS15 (0.58)
WangB20 R&C					
Euclid	WangB23 (0.23)	TranDRFWOVB16 (0.35)	Caseau97 (0.37)	CrawfordB94 (0.37)	AngelsmarkJ00 (0.37)
Dot	WangB23 (97.00)	ZarandiASC20 (81.00)	Lunardi20 (80.00)	Lemos21 (80.00)	GombolayWS18 (80.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	WangB23 (0.85)	TranDRFWOVB16 (0.63)	HamP21 (0.57)	FontaineMH16 (0.56)	Caseau97 (0.56)
WangB23 R&C					
Euclid	WangB20 (0.23)	TranDRFWOVB16 (0.31)	Caseau97 (0.31)	Puget95 (0.32)	AngelsmarkJ00 (0.32)
Dot	WangB20 (97.00)	ZarandiASC20 (88.00)	Lunardi20 (87.00)	Lemos21 (87.00)	Dejemeppe16 (80.00)
Cosine	WangB20 (0.85)	TranDRFWOVB16 (0.65)	Caseau97 (0.62)	AngelsmarkJ00 (0.61)	Puget95 (0.61)
WangMD15 R&C	DoulabiRP16 (0.74)	RoshanaeiLAU17 (0.78)	RoshanaeiBAUB20 (0.80)	RoshanaeiLAU17a (0.80)	ZhaoL14 (0.83)
Euclid	YounespourAKE19 (0.29)	GurPAE23 (0.30)	GurEA19 (0.30)	DoulabiRP16 (0.32)	RiiseML16 (0.33)
Dot	ZarandiASC20 (137.00)	Dejemeppe16 (123.00)	YounespourAKE19 (119.00)	Baptiste02 (107.00)	Lunardi20 (106.00)
Cosine	YounespourAKE19 (0.81)	GurPAE23 (0.78)	GurEA19 (0.77)	RiiseML16 (0.73)	DoulabiRP16 (0.73)
WariZ19 R&C	PengLC14 (0.92)	ColT2019a (0.93)	KovacsB11 (0.93)	Laborie18a (0.95)	EscobetPQPRA19 (0.95)
Euclid					
Dot					
Cosine					
WatsonB08 R&C	BeckFW11 (0.61)	GrimesHM09 (0.62)	HeckmanB11 (0.82)	Beck07 (0.83)	BeckF00 (0.84)
Euclid	BeckFW11 (0.16)	Beck06 (0.21)	Beck07 (0.23)	CarchraeB09 (0.23)	TanSD10 (0.23)
Dot	Beck99 (111.00)	Schutt11 (111.00)	Groleaz21 (109.00)	Astrand21 (108.00)	BeckFW11 (108.00)
Cosine	BeckFW11 (0.93)	Beck06 (0.86)	Beck07 (0.85)	CarchraeB09 (0.85)	TanSD10 (0.84)
WatsonBHW99 R&C					
Euclid	LiLZDZW24 (0.27)	DilkinaDH05 (0.29)	DoRZ08 (0.30)	LauLN08 (0.32)	JuvinHL23 (0.33)
Dot	Astrand21 (103.00)	Groleaz21 (93.00)	Dejemeppe16 (91.00)	Lombardi10 (91.00)	ZarandiASC20 (90.00)
Cosine	LiLZDZW24 (0.75)	DilkinaDH05 (0.68)	DoRZ08 (0.66)	RiahiNS018 (0.65)	JuvinHL23 (0.64)
WeilHFP95 R&C	BourdaisGP03 (0.88)	OzturkTHO12 (0.97)	TopalogluO11 (0.97)	GoelSHFS15 (0.97)	NovasH12 (0.97)
Euclid	HoYCLLCLC18 (0.27)	BourdaisGP03 (0.27)	abs-1902-01193 (0.27)	Puget95 (0.28)	AngelsmarkJ00 (0.29)
Dot	Dejemeppe16 (81.00)	ZarandiASC20 (72.00)	Simonis07 (68.00)	WangMD15 (66.00)	Wolf11 (65.00)
Cosine	BourdaisGP03 (0.67)	abs-1902-01193 (0.67)	HoYCLLCLC18 (0.65)	ShinBBHO18 (0.64)	WangMD15 (0.64)
WessenCS20 R&C	BehrensLM19 (0.79)	WallaceY20 (0.86)	GarridoAO09 (0.96)	OzturkTHO15 (0.97)	Astrand0F21 (0.97)
Euclid	BehrensLM19 (0.24)	FortinZDF05 (0.25)	abs-1901-07914 (0.26)	NishikawaSTT18 (0.26)	NishikawaSTT18a (0.26)
Dot	Astrand21 (86.00)	ZarandiASC20 (82.00)	ArmstrongGOS21 (81.00)	Lunardi20 (81.00)	Dejemeppe16 (81.00)
Cosine	BehrensLM19 (0.77)	MokhtarzadehTNF20 (0.76)	abs-1901-07914 (0.74)	NishikawaSTT18 (0.73)	NishikawaSTT18a (0.73)
WikarekS19 R&C	SchnellH17 (0.94)	BartakSR08 (0.94)	OddiPCC03 (0.94)	ElkhyariGJ02 (0.94)	HebrardHJMPV16 (0.95)
Euclid	KovacsV06 (0.30)	KhayatLR06 (0.30)	ValleMGT03 (0.31)	MalapertCGJLR13 (0.32)	HeipckeCCS00 (0.32)
Dot	Baptiste02 (141.00)	ZarandiASC20 (139.00)	Malapert11 (131.00)	Groleaz21 (130.00)	BartakSR10 (127.00)
Cosine	GrimesH10 (0.76)	KhayatLR06 (0.75)	BosiM2001 (0.75)	KovacsV06 (0.74)	TorresL00 (0.73)
WinterMMW22 R&C					
Euclid	GedikKEK18 (0.45)	GroleazNS20a (0.45)	ArbaouiY18 (0.45)	NattafM20 (0.46)	Adelgren2023 (0.46)
Dot	Groleaz21 (170.00)	Lunardi20 (162.00)	NaderiRR23 (158.00)	ZarandiASC20 (147.00)	LacknerMMWW23 (147.00)
Cosine	GedikKEK18 (0.66)	YunusogluY22 (0.64)	OujanaAYB22 (0.64)	GroleazNS20a (0.63)	NaderiBZ22 (0.62)
Wolf03 R&C	WolfS05a (0.58)	Wolf05 (0.60)	Colombani96 (0.77)	Vilim04 (0.79)	Goltz95 (0.80)
Euclid	Wolf05 (0.19)	MonetteDD07 (0.24)	TanSD10 (0.29)	CauwelaertDMS16 (0.31)	VilimBC04 (0.32)
Dot	Malapert11 (152.00)	Fahimi16 (150.00)	Schutt11 (149.00)	Dejemeppe16 (147.00)	Baptiste02 (147.00)
Cosine	Wolf05 (0.91)	MonetteDD07 (0.86)	TanSD10 (0.79)	FahimiOQ18 (0.78)	CauwelaertDMS16 (0.75)
Wolf05 R&C	Wolf03 (0.60)	WolfS05a (0.64)	Vilim05 (0.65)	ArtiouchineB05 (0.70)	WolfS05 (0.79)
Euclid	Wolf03 (0.19)	CauwelaertDMS16 (0.26)	MonetteDD07 (0.28)	VilimBC05 (0.29)	VilimBC04 (0.29)
Dot	Malapert11 (151.00)	Fahimi16 (149.00)	Schutt11 (149.00)	Dejemeppe16 (147.00)	Baptiste02 (145.00)
Cosine	Wolf03 (0.91)	CauwelaertDMS16 (0.83)	MonetteDD07 (0.81)	DejemeppeCS15 (0.80)	VilimBC05 (0.80)
Wolf09 R&C	WolfS05a (0.61)	WolfS05 (0.72)	Wolf05 (0.80)	SchuttWS05 (0.81)	SchuttW10 (0.85)
Euclid	WolfS05 (0.31)	Caseau97 (0.31)	Puget95 (0.32)	BeldiceanuP07 (0.33)	BockmayrP06 (0.33)
Dot	Dejemeppe16 (99.00)	Malapert11 (98.00)	Baptiste02 (93.00)	Schutt11 (90.00)	Beck99 (89.00)
Cosine	WolfS05 (0.67)	AlesioNBG14 (0.66)	Wolf05 (0.65)	Caseau97 (0.64)	BeldiceanuP07 (0.61)
Wolf11 R&C	SimonisH11 (0.86)	SimoninAHL12 (0.89)	OuelletQ22 (0.90)	GayHS15a (0.90)	Wolf09 (0.90)
Euclid	DoulabiRP16 (0.35)	DoulabiRP14 (0.36)	WolfS05 (0.37)	GurPAE23 (0.37)	WangMD15 (0.37)
Dot	Dejemeppe16 (127.00)	ZarandiASC20 (124.00)	Simonis07 (105.00)	Malapert11 (101.00)	RoshanaeiLAU17 (100.00)
Cosine	WangMD15 (0.68)	DoulabiRP16 (0.68)	GurPAE23 (0.66)	RoshanaeiLAU17 (0.65)	DoulabiRP14 (0.64)
WolfS05 R&C	SchuttWS05 (0.45)	Wolf09 (0.72)	SchuttW10 (0.74)	WolfS05a (0.75)	MercierH08 (0.78)
Euclid	BeldiceanuP07 (0.15)	PoderB08 (0.15)	Vilim09a (0.18)	SimonisH11 (0.21)	BockmayrP06 (0.21)
Dot	Schutt11 (85.00)	Lombardi10 (84.00)	Malapert11 (84.00)	Fahimi16 (83.00)	Baptiste02 (82.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BeldiceanuP07 (0.90)	PoderB08 (0.89)	Vilim09a (0.85)	SimonisH11 (0.81)	BockmayrP06 (0.81)
WolfS05a R&C	Wolf03 (0.58)	Wolf09 (0.61)	Wolf05 (0.64)	WolfS05 (0.75)	Vilim04 (0.76)
Euclid	QuSN06 (0.29)	WolfS05 (0.30)	PoderB08 (0.30)	BeldiceanuC01 (0.30)	BeldiceanuP07 (0.30)
Dot	Malapert11 (92.00)	Schutt11 (79.00)	Fahimi16 (75.00)	Letort13 (72.00)	Dejemeppe16 (71.00)
Cosine	LetortCB13 (0.66)	LetortBC12 (0.65)	WolfS05 (0.64)	BeldiceanuC02 (0.64)	Madi-WambaLOBM17 (0.62)
WolinskiKG04 R&C	QuSN06 (0.93)	KuchcinskiW03 (0.96)	NishikawaSTT19 (0.97)	LombardiM10a (0.97)	LozanoCDS12 (0.97)
Euclid	KuchcinskiW03 (0.22)	LozanoCDS12 (0.25)	Kumar03 (0.26)	LombardiM13 (0.26)	CestaOS98 (0.26)
Dot	Lombardi10 (71.00)	Kuchcinski03 (64.00)	Malapert11 (63.00)	BonfiettiLBM14 (62.00)	Groleaz21 (62.00)
Cosine	KuchcinskiW03 (0.77)	LozanoCDS12 (0.70)	BocewiczBB09 (0.69)	Malik08 (0.66)	LombardiM13 (0.64)
WuBB05 R&C					
Euclid	CestaOS98 (0.13)	Baptiste09 (0.15)	KovacsEKV05 (0.15)	Caballero23 (0.16)	CarchraeBF05 (0.16)
Dot	Groleaz21 (33.00)	Lombardi10 (32.00)	Beck99 (31.00)	SadehF96 (31.00)	LaborieRSV18 (30.00)
Cosine	CestaOS98 (0.69)	OddiS97 (0.63)	Laborie18a (0.62)	BeckW05 (0.62)	KovacsEKV05 (0.62)
WuBB09 R&C	FahimiQ23 (0.90)	BonfiettiLM14 (0.92)	KletzanderM17 (0.93)	BidotVLB09 (0.94)	BeckW07 (0.94)
Euclid	BridiLBBM16 (0.31)	TranPZLDB18 (0.32)	TranWDRFOVB16 (0.33)	MurphyMB15 (0.33)	BeckPS03 (0.33)
Dot	ZarandiASC20 (140.00)	Baptiste02 (120.00)	Lombardi10 (111.00)	Beck99 (110.00)	PrataAN23 (109.00)
Cosine	BeckW07 (0.72)	BeckPS03 (0.70)	TranPZLDB18 (0.70)	BridiLBBM16 (0.68)	Madi-WambaLOBM17 (0.68)
YangSS19 R&C	KameugneFSN14 (0.69)	OuelletQ18 (0.69)	Tesch18 (0.72)	OuelletQ13 (0.74)	GayHS15 (0.78)
Euclid	Vilim09a (0.29)	WolfS05 (0.30)	BeldiceanuCP08 (0.31)	Vilim09 (0.32)	Vilim11 (0.32)
Dot	Schutt11 (121.00)	Malapert11 (115.00)	Dejemeppe16 (110.00)	Lombardi10 (110.00)	Fahimi16 (110.00)
Cosine	Vilim09a (0.74)	SchuttFS13a (0.73)	WolfS05 (0.72)	Vilim11 (0.72)	BeldiceanuCP08 (0.71)
YeGMH94 R&C					
Euclid					
Dot					
Cosine					
YoshikawaKNW94 R&C					
Euclid	LimAHO02a (0.19)	CarchraeBF05 (0.23)	FrostD98 (0.23)	AngelsmarkJ00 (0.24)	AbrilSB05 (0.24)
Dot	Lemos21 (52.00)	ZarandiASC20 (46.00)	Astrand21 (45.00)	Fahimi16 (43.00)	Beck99 (42.00)
Cosine	LimAHO02a (0.71)	BofillGSV15 (0.58)	DemirovicS18 (0.57)	FukunagaHFAMN02 (0.53)	ShaikhK23 (0.53)
YounespourAKE19 R&C	RoshanaeiBAUB20 (0.79)	FarsiTM22 (0.87)	BenediktMH20 (0.88)	WangMD15 (0.89)	RoshanaeiN21 (0.89)
Euclid	WangMD15 (0.29)	GurPAE23 (0.36)	GurEA19 (0.37)	DejemeppeD14 (0.38)	DoulabiRP16 (0.38)
Dot	ZarandiASC20 (137.00)	Dejemeppe16 (123.00)	WangMD15 (119.00)	Lunardi20 (113.00)	Baptiste02 (112.00)
Cosine	WangMD15 (0.81)	SenderovichBB19 (0.68)	GurPAE23 (0.68)	GurEA19 (0.66)	FarsiTM22 (0.64)
YoungFS17 R&C	SzerediS16 (0.57)	GeibingerMM19 (0.75)	KreterSS17 (0.81)	SchuttS16 (0.84)	SchuttFS13 (0.85)
Euclid	SzerediS16 (0.22)	BofillCSV17 (0.27)	SchuttS16 (0.28)	LiessM08 (0.28)	abs-1009-0347 (0.29)
Dot	Godet21a (146.00)	PovedaAA23 (134.00)	Schutt11 (131.00)	BoudreaultSLQ22 (129.00)	Lombardi10 (127.00)
Cosine	SzerediS16 (0.88)	PovedaAA23 (0.84)	BoudreaultSLQ22 (0.81)	SchuttS16 (0.80)	LiessM08 (0.79)
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 (0.43)	Novas19 (0.43)	OujanaAYB22 (0.43)
Dot	ZarandiASC20 (239.00)	Lunardi20 (224.00)	Groleaz21 (218.00)	IsikYA23 (217.00)	Dejemeppe16 (209.00)
Cosine	IsikYA23 (0.80)	GedikKEK18 (0.75)	Lunardi20 (0.74)	Novas19 (0.74)	MengZRZL20 (0.73)
YuraszeckMC23 R&C	YuraszeckMPV22 (0.75)	OddiPCC03 (0.90)	OddiPCC05 (0.93)	WikarekS19 (0.96)	HamdiL13 (0.96)
Euclid	WatsonB08 (0.31)	BillautHL12 (0.32)	Beck06 (0.32)	DilkinaDH05 (0.33)	ThiruvadyBME09 (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)	WatsonB08 (0.70)	MenciaSV13 (0.69)	AbreuAPNM21 (0.69)
YuraszeckMCCR23 R&C					
Euclid	HeipckeCCS00 (0.33)	LiessM08 (0.35)	VilimLS15 (0.35)	KhayatLR06 (0.35)	ZhangYW21 (0.36)
Dot	ZarandiASC20 (181.00)	Baptiste02 (163.00)	Lunardi20 (161.00)	Groleaz21 (159.00)	Godet21a (158.00)
Cosine	VilimLS15 (0.77)	HeipckeCCS00 (0.77)	EtminaniesfahaniGNMS22 (0.75)	LiessM08 (0.75)	ZhangYW21 (0.74)
YuraszeckMPV22 R&C	YuraszeckMC23 (0.75)	SubulanC22 (0.91)	OujanaAYB22 (0.94)	SchnellH17 (0.94)	AbreuPNF23 (0.95)
Euclid	AbreuAPNM21 (0.39)	YuraszeckMC23 (0.40)	LiFJZLL22 (0.42)	MejiaY20 (0.42)	MalapertCGJLR13 (0.43)
Dot	ZarandiASC20 (209.00)	Groleaz21 (201.00)	Baptiste02 (187.00)	Lunardi20 (173.00)	Astrand21 (169.00)
Cosine	AbreuAPNM21 (0.75)	AbreuN22 (0.72)	MejiaY20 (0.72)	AbreuPNF23 (0.72)	YuraszeckMC23 (0.71)
Zahout21 R&C					
Euclid	ZhangYW21 (0.44)	HillTV21 (0.45)	HeipckeCCS00 (0.46)	TranPZLDB18 (0.46)	NishikawaSTT19 (0.46)
Dot	ZarandiASC20 (200.00)	Groleaz21 (190.00)	Dejemeppe16 (167.00)	Lombardi10 (166.00)	Baptiste02 (159.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	ZhangYW21 (0.65)	JuvinHL23a (0.64)	HillTV21 (0.63)	NaderiBZ22a (0.63)	Elkhyari03 (0.61)
ZampelliVSDR13 R&C	GaySS14 (0.89)	CauwelaertLS15 (0.91)	GrimesH10 (0.91)	UnsalO13 (0.91)	QinDS16 (0.91)
Euclid	WolfS05 (0.30)	Vilim09a (0.31)	PoderB08 (0.32)	TranVNB17a (0.33)	GilesH16 (0.34)
Dot	Dejemeppe16 (128.00)	ZarandiASC20 (113.00)	Groleaz21 (107.00)	Malapert11 (106.00)	AwadMDMT22 (105.00)
Cosine	WolfS05 (0.71)	Vilim09a (0.70)	EvenSH15 (0.68)	UnsalO13 (0.68)	UnsalO19 (0.68)
ZarandiASC20 R&C	SacramentoSP20 (0.98)	MengLZB21 (0.98)	MengZRZL20 (0.98)	GokgurHO18 (0.98)	HamFC17 (0.98)
Euclid	PrataAN23 (0.66)	Lunardi20 (0.71)	JainM99 (0.72)	IsikYA23 (0.72)	Astrand21 (0.72)
Dot	Groleaz21 (368.00)	Dejemeppe16 (332.00)	Baptiste02 (331.00)	Lunardi20 (311.00)	Astrand21 (306.00)
Cosine	PrataAN23 (0.72)	Groleaz21 (0.68)	Lunardi20 (0.67)	Astrand21 (0.66)	JainM99 (0.66)
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	KamarainenS02 (0.33)	MakMS10 (0.35)	ZhangLS12 (0.35)	Beck06 (0.36)	LiuW11 (0.36)
Dot	ZarandiASC20 (168.00)	Groleaz21 (143.00)	Dejemeppe16 (138.00)	Baptiste02 (131.00)	Lombardi10 (128.00)
Cosine	BeckDDF98 (0.70)	BartakSR10 (0.68)	KanetAG04 (0.67)	PrataAN23 (0.67)	KamarainenS02 (0.67)
Zeballos10 R&C	ZeballosQH10 (0.54)	NovasH14 (0.72)	QuirogaZH05 (0.76)	ZeballosM09 (0.83)	ZeballosNH11 (0.87)
Euclid	QuirogaZH05 (0.19)	ZeballosQH10 (0.23)	ZeballosH05 (0.23)	NovasH14 (0.29)	NovasH12 (0.33)
Dot	ZarandiASC20 (152.00)	Dejemeppe16 (144.00)	ZeballosQH10 (135.00)	Malapert11 (131.00)	Baptiste02 (131.00)
Cosine	QuirogaZH05 (0.92)	ZeballosQH10 (0.89)	ZeballosH05 (0.88)	NovasH14 (0.80)	NovasH10 (0.75)
ZeballosCM10 R&C	NovasH12 (0.78)	ZeballosNH11 (0.79)	ZeballosM09 (0.83)	NovaraNH16 (0.84)	ZeballosQH10 (0.90)
Euclid	NovasH12 (0.27)	NovasH14 (0.29)	ZeballosH05 (0.35)	QuirogaZH05 (0.36)	KrogtLPHJ07 (0.36)
Dot	ZarandiASC20 (150.00)	Astrand21 (134.00)	LaborieRSV18 (132.00)	Malapert11 (127.00)	Lunardi20 (126.00)
Cosine	NovasH12 (0.84)	NovasH14 (0.81)	ZeballosH05 (0.72)	Zeballos10 (0.69)	QuirogaZH05 (0.68)
ZeballosH05 R&C					
Euclid	NovasH14 (0.23)	Zeballos10 (0.23)	QuirogaZH05 (0.24)	BeckPS03 (0.27)	ZeballosQH10 (0.27)
Dot	ZarandiASC20 (143.00)	Dejemeppe16 (137.00)	Baptiste02 (134.00)	Lunardi20 (133.00)	Malapert11 (133.00)
Cosine	Zeballos10 (0.88)	NovasH14 (0.87)	QuirogaZH05 (0.86)	ZeballosQH10 (0.84)	NovasH12 (0.83)
ZeballosM09 R&C	ZeballosNH11 (0.78)	ZeballosCM10 (0.83)	Zeballos10 (0.83)	RoePS05 (0.84)	ZeballosQH10 (0.86)
Euclid					
Dot					
Cosine					
ZeballosNH11 R&C	NovaraNH16 (0.63)	ZeballosM09 (0.78)	ZeballosCM10 (0.79)	MaraveliasCG04 (0.85)	ZeballosQH10 (0.86)
Euclid	NovaraNH16 (0.33)	NovasH10 (0.33)	ZeballosH05 (0.33)	QuirogaZH05 (0.34)	MaraveliasCG04 (0.34)
Dot	ZarandiASC20 (166.00)	Dejemeppe16 (165.00)	Baptiste02 (157.00)	Groleaz21 (151.00)	Malapert11 (150.00)
Cosine	NovaraNH16 (0.80)	NovasH10 (0.78)	ZeballosH05 (0.76)	ZeballosQH10 (0.75)	Zeballos10 (0.75)
ZeballosQH10 R&C	Zeballos10 (0.54)	NovasH14 (0.71)	QuirogaZH05 (0.83)	KhayatLR06 (0.84)	ZeballosM09 (0.86)
Euclid	Zeballos10 (0.23)	QuirogaZH05 (0.23)	ZeballosH05 (0.27)	NovasH14 (0.29)	KhayatLR06 (0.30)
Dot	ZarandiASC20 (161.00)	Dejemeppe16 (156.00)	Lunardi20 (150.00)	Malapert11 (150.00)	Baptiste02 (149.00)
Cosine	Zeballos10 (0.89)	QuirogaZH05 (0.88)	ZeballosH05 (0.84)	NovasH14 (0.80)	KhayatLR06 (0.80)
ZhangBB22 R&C					
Euclid	TanSD10 (0.30)	FontaineMH16 (0.31)	ArtiguesF07 (0.31)	ArtiguesBF04 (0.32)	WatsonB08 (0.34)
Dot	Groleaz21 (169.00)	NaderiRR23 (152.00)	Dejemeppe16 (146.00)	Baptiste02 (144.00)	Malapert11 (141.00)
Cosine	TanSD10 (0.79)	ArtiguesF07 (0.79)	FontaineMH16 (0.77)	ArtiguesBF04 (0.77)	BeckFW11 (0.73)
ZhangJZL22 R&C	AwadMDMT22 (0.98)				
Euclid	Bedhief21 (0.33)	LiFJZLL22 (0.34)	ArbaouiY18 (0.34)	Limtanyakul07 (0.34)	GedikKBR17 (0.34)
Dot	IsikYA23 (142.00)	Groleaz21 (139.00)	ZarandiASC20 (137.00)	Astrand21 (129.00)	Lunardi20 (128.00)
Cosine	MengLZB21 (0.75)	MengGRZSC22 (0.75)	IsikYA23 (0.73)	Bedhief21 (0.73)	LiFJZLL22 (0.71)
ZhangLS12 R&C	QuirogaZH05 (0.67)	Geske05 (0.67)	EvenSH15 (0.75)	KovacsV04 (0.75)	LimtanyakulS12 (0.80)
Euclid	ZibranR11 (0.20)	GelainPRVW17 (0.21)	FrostD98 (0.22)	ZibranR11a (0.22)	SmithBHW96 (0.23)
Dot	Siala15a (61.00)	Godet21a (59.00)	ZarandiASC20 (58.00)	Baptiste02 (57.00)	ZhuSZW23 (56.00)
Cosine	ZibranR11 (0.73)	GelainPRVW17 (0.73)	LiuLH19 (0.72)	ZibranR11a (0.71)	FrostD98 (0.67)
ZhangW18 R&C	Novas19 (0.91)	HamC16 (0.92)	LunardiBLRV20 (0.93)	TerekhovDOB12 (0.93)	MengZRZL20 (0.96)
Euclid	FanXG21 (0.36)	LunardiBLRV20 (0.36)	JuvinHL23 (0.37)	Mehdizadeh-Somarin23 (0.38)	LiFJZLL22 (0.38)
Dot	ZarandiASC20 (204.00)	Groleaz21 (179.00)	Lunardi20 (177.00)	Astrand21 (159.00)	Baptiste02 (153.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	LunardiBLRV20 (0.76)	FanXG21 (0.74)	HamPK21 (0.71)	AlfieriGPS23 (0.71)	MengZRZL20 (0.71)
ZhangYW21 R&C	NaderiBZ22a (0.79)	ShiYXQ22 (0.84)	ZhuSZW23 (0.89)	MengLZB21 (0.90)	CilKLO22 (0.90)
Euclid	KhayatLR06 (0.26)	HeipckeCCS00 (0.29)	WatsonB08 (0.30)	LahimerLH11 (0.30)	HeckmanB11 (0.31)
Dot	ZarandiASC20 (163.00)	Groleaz21 (148.00)	Lunardi20 (141.00)	Dejemeppe16 (141.00)	IsikYA23 (136.00)
Cosine	KhayatLR06 (0.82)	NaderiBZ22a (0.82)	HamPK21 (0.79)	HeipckeCCS00 (0.78)	HeckmanB11 (0.76)
ZhaoL14 R&C	RoshanaeiLAU17a (0.81)	WangMD15 (0.83)	RoshanaeiBAUB20 (0.85)	DoulabiRP16 (0.85)	DoulabiRP14 (0.89)
Euclid					
Dot					
Cosine					
Zhou96 R&C	Colombani96 (0.60)	ArtiouchineB05 (0.83)	MonetteDD07 (0.84)	Rodriguez07 (0.85)	BeckF00 (0.85)
Euclid	Zhou97 (0.20)	Colombani96 (0.22)	FoxAS82 (0.28)	Rit86 (0.29)	Goltz95 (0.30)
Dot	Baptiste02 (115.00)	Zhou97 (113.00)	BartakSR10 (106.00)	Groleaz21 (101.00)	Lombardi10 (100.00)
Cosine	Zhou97 (0.91)	Colombani96 (0.84)	MercierH07 (0.74)	BelhadjiI98 (0.72)	FoxAS82 (0.71)
Zhou97 R&C	SacramentoSP20 (0.94)	Wolf05 (0.94)	AbreuAPNM21 (0.95)	MengLZB21 (0.95)	Bartak02 (0.95)
Euclid	Zhou96 (0.20)	Colombani96 (0.28)	HookerO99 (0.33)	HeipckeCCS00 (0.33)	Goltz95 (0.34)
Dot	Baptiste02 (158.00)	Lombardi10 (141.00)	Beck99 (140.00)	Malapert11 (139.00)	Fahimi16 (139.00)
Cosine	Zhou96 (0.91)	Colombani96 (0.80)	MercierH07 (0.74)	BartakSR08 (0.74)	HookerO99 (0.74)
ZhouGL15 R&C	SimoninAHL12 (0.92)	LombardiM10 (0.93)	GrimesHM09 (0.93)	OddiPCC05 (0.93)	WatsonB08 (0.94)
Euclid	JuvinHL23 (0.32)	ParkUJR19 (0.34)	TerekhovTDB14 (0.35)	ArmstrongGOS22 (0.36)	HebrardHJMPV16 (0.36)
Dot	ZarandiASC20 (153.00)	Groleaz21 (151.00)	Astrand21 (149.00)	Lunardi20 (137.00)	MengZRZL20 (134.00)
Cosine	TerekhovTDB14 (0.75)	JuvinHL23 (0.75)	OujanaAYB22 (0.73)	ParkUJR19 (0.72)	ArmstrongGOS22 (0.71)
ZhuS02 R&C					
Euclid	GelainPRVW17 (0.22)	Caballero23 (0.23)	KovacsEKV05 (0.23)	CestaOS98 (0.23)	Baptiste09 (0.24)
Dot	Simonis07 (47.00)	Wallace96 (47.00)	ZarandiASC20 (47.00)	BadicaBI20 (46.00)	BartakSR10 (46.00)
Cosine	GelainPRVW17 (0.69)	QuSN06 (0.64)	Caballero23 (0.60)	BonfiettiM12 (0.59)	CestaOS98 (0.59)
ZhuSZW23 R&C	ShiYXQ22 (0.73)	NaderiBZ22a (0.88)	ZhangYW21 (0.89)	TanSD10 (0.94)	LunardiBLRV20 (0.94)
Euclid	NaderiBZ22a (0.35)	ZhangYW21 (0.37)	TanT18 (0.37)	MurinR19 (0.39)	HamPK21 (0.41)
Dot	Groleaz21 (186.00)	Lunardi20 (180.00)	ZarandiASC20 (176.00)	NaderiRR23 (171.00)	Malapert11 (162.00)
Cosine	NaderiBZ22a (0.80)	ZhangYW21 (0.75)	TanT18 (0.74)	HamPK21 (0.72)	MurinR19 (0.72)
ZibranR11 R&C	ZibranR11a (0.48)				
Euclid	ZibranR11a (0.11)	ChapadosJR11 (0.16)	HebrardALLCMR22 (0.17)	Baptiste09 (0.18)	CarchraeBF05 (0.19)
Dot	ZarandiASC20 (50.00)	Astrand21 (48.00)	Malapert11 (48.00)	Lunardi20 (47.00)	Beck99 (47.00)
Cosine	ZibranR11a (0.94)	ZhangLS12 (0.73)	ChapadosJR11 (0.72)	HebrardALLCMR22 (0.71)	Baptiste09 (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 (0.19)	HebrardALLCMR22 (0.22)	ZhangLS12 (0.22)	FukunagaHFAMN02 (0.23)
Dot	ZarandiASC20 (69.00)	Astrand21 (64.00)	Beck99 (63.00)	TangLWSK18 (61.00)	Dejemeppe16 (61.00)
Cosine	ZibranR11 (0.94)	ChapadosJR11 (0.78)	ZouZ20 (0.74)	ZhangLS12 (0.71)	abs-1902-01193 (0.71)
ZouZ20 R&C	TangLWSK18 (0.80)	SubulanC22 (0.96)	YuraszeckMPV22 (0.96)	SchnellH17 (0.97)	HauderBRPA20 (0.97)
Euclid	NishikawaSTT18 (0.25)	NishikawaSTT18a (0.25)	NishikawaSTT19 (0.27)	ZibranR11a (0.27)	BoothNB16 (0.29)
Dot	Lombardi10 (113.00)	Groleaz21 (110.00)	ZarandiASC20 (109.00)	LaborieRSV18 (105.00)	Lunardi20 (104.00)
Cosine	NishikawaSTT18 (0.80)	NishikawaSTT18a (0.79)	NishikawaSTT19 (0.77)	ZibranR11a (0.74)	TangLWSK18 (0.73)
abs-0907-0939 R&C					
Euclid	PoderB08 (0.30)	ClercqPBJ11 (0.31)	BeldiceanuP07 (0.32)	WolfS05 (0.33)	Vilim09a (0.35)
Dot	Fahimi16 (103.00)	Malapert11 (102.00)	Godet21a (100.00)	Dejemeppe16 (99.00)	Lombardi10 (99.00)
Cosine	ClercqPBJ11 (0.73)	PoderB08 (0.72)	BeldiceanuP07 (0.68)	WolfS05 (0.65)	NattafAL15 (0.63)
abs-1009-0347 R&C					
Euclid	SchuttFSW13 (0.19)	SchuttFSW09 (0.24)	SchuttCSW12 (0.26)	BofillCSV17 (0.27)	SchuttS16 (0.28)
Dot	Schutt11 (153.00)	Caballero19 (143.00)	Godet21a (142.00)	Lombardi10 (138.00)	SchuttFSW11 (137.00)
Cosine	SchuttFSW13 (0.91)	SchuttFSW09 (0.85)	SchuttCSW12 (0.82)	SchuttFSW11 (0.82)	SchuttFS13a (0.81)
abs-1901-07914 R&C					
Euclid	BehrensLM19 (0.09)	ValleMGT03 (0.25)	JungblutK22 (0.25)	WessenCS20 (0.26)	BoothNB16 (0.27)
Dot	ZarandiASC20 (96.00)	Godet21a (94.00)	Dejemeppe16 (94.00)	Beck99 (94.00)	BartakSR10 (92.00)
Cosine	BehrensLM19 (0.97)	ValleMGT03 (0.77)	JungblutK22 (0.74)	WessenCS20 (0.74)	NovasH14 (0.73)
abs-1902-01193 R&C					
Euclid	ZibranR11 (0.24)	ZibranR11a (0.24)	BourdaisGP03 (0.24)	PesantGPR99 (0.25)	ZhangLS12 (0.25)
Dot	ZarandiASC20 (87.00)	Dejemeppe16 (70.00)	Simonis07 (69.00)	Wallace96 (69.00)	Beck99 (68.00)

Table 106: Most Similar Works

Work	1	2	3	4	5
Cosine	BourdaisGP03 (0.73)	ZibranR11a (0.71)	ZibranR11 (0.68)	PesantGPR99 (0.67)	WeilHFP95 (0.67)
abs-1902-09244 R&C					
Euclid	HauderBRPA20 (0.12)	BeckPS03 (0.37)	MonetteDH09 (0.39)	HeipckeCCS00 (0.39)	BeckR03 (0.39)
Dot	ZarandiASC20 (213.00)	HauderBRPA20 (200.00)	Groleaz21 (192.00)	Dejemeppe16 (191.00)	Lunardi20 (181.00)
Cosine	HauderBRPA20 (0.98)	BeckPS03 (0.76)	YuraszeckMCCR23 (0.73)	MonetteDH09 (0.73)	HubnerGSV21 (0.73)
abs-1911-04766 R&C					
Euclid	GeibingerMM19 (0.24)	GeibingerMM21 (0.33)	PovedaAA23 (0.39)	CampeauG22 (0.41)	YoungFS17 (0.41)
Dot	Groleaz21 (172.00)	Dejemeppe16 (171.00)	GeibingerMM19 (168.00)	Lombardi10 (164.00)	LaborieRSV18 (161.00)
Cosine	GeibingerMM19 (0.91)	GeibingerMM21 (0.81)	PovedaAA23 (0.75)	YoungFS17 (0.69)	CampeauG22 (0.69)
abs-2102-08778 R&C					
Euclid	ColT19 (0.22)	ColT2019a (0.24)	Teppan22 (0.27)	WatsonB08 (0.30)	Beck06 (0.32)
Dot	ColT22 (122.00)	Groleaz21 (108.00)	Godet21a (103.00)	Dejemeppe16 (101.00)	ColT19 (100.00)
Cosine	ColT19 (0.86)	ColT2019a (0.83)	Teppan22 (0.78)	abs-2306-05747 (0.73)	TasselGS23 (0.73)
abs-2211-14492 R&C					
Euclid	abs-2402-00459 (0.36)	BeckFW11 (0.38)	KovacsTKSG21 (0.39)	CarchraeB09 (0.39)	Beck06 (0.39)
Dot	Groleaz21 (188.00)	ZarandiASC20 (183.00)	Dejemeppe16 (167.00)	Lunardi20 (166.00)	IsikYA23 (160.00)
Cosine	abs-2402-00459 (0.78)	KovacsTKSG21 (0.73)	MullerMKP22 (0.72)	BeckFW11 (0.72)	JainM99 (0.71)
abs-2305-19888 R&C					
Euclid	HeinzNVH22 (0.13)	ArbaouiY18 (0.30)	Ham18a (0.32)	LahimerLH11 (0.34)	GedikKEK18 (0.34)
Dot	Lunardi20 (162.00)	Groleaz21 (162.00)	IsikYA23 (154.00)	ZarandiASC20 (154.00)	Astrand21 (147.00)
Cosine	HeinzNVH22 (0.96)	ArbaouiY18 (0.78)	GedikKEK18 (0.77)	Ham18a (0.77)	LahimerLH11 (0.72)
abs-2306-05747 R&C					
Euclid	TasselGS23 (0.00)	BeckFW11 (0.30)	CarchraeB09 (0.30)	WatsonB08 (0.31)	abs-2102-08778 (0.33)
Dot	TasselGS23 (145.00)	ZarandiASC20 (143.00)	Groleaz21 (142.00)	ColT22 (134.00)	Lunardi20 (132.00)
Cosine	TasselGS23 (1.00)	BeckFW11 (0.78)	CarchraeB09 (0.77)	WatsonB08 (0.76)	ColT19 (0.74)
abs-2312-13682 R&C					
Euclid	PerezGSL23 (0.05)	BockmayrP06 (0.24)	ZibranR11 (0.27)	ZibranR11a (0.27)	Limtanyakul07 (0.27)
Dot	Dejemeppe16 (90.00)	Astrand21 (88.00)	LaborieRSV18 (86.00)	Lombardi10 (86.00)	ZarandiASC20 (85.00)
Cosine	PerezGSL23 (0.99)	BockmayrP06 (0.75)	AalianPG23 (0.74)	CarchraeB09 (0.71)	AstrandJZ18 (0.70)
abs-2402-00459 R&C					
Euclid	abs-2211-14492 (0.36)	ThiruvadyWGS14 (0.37)	HeipckeCCS00 (0.38)	CarchraeB09 (0.38)	KovacsTKSG21 (0.39)
Dot	Groleaz21 (179.00)	ZarandiASC20 (176.00)	Dejemeppe16 (161.00)	IsikYA23 (155.00)	Lunardi20 (152.00)
Cosine	abs-2211-14492 (0.78)	ThiruvadyWGS14 (0.72)	KovacsTKSG21 (0.71)	CarchraeB09 (0.71)	HeipckeCCS00 (0.70)

G.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 107: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[762]	2023	ICAPS 2023	9	0	0	748	817
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	[763]	2023	CoRR	9	0	0	1573	1597
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[649]	2023	ICTAI 2023	7	0	0	699	813
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	[650]	2023	CoRR	20	0	0	1574	1598
NishikawaSTT18 NishikawaSTT18	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Fork-Join Tasks with Constraint Programming	Yes	[611]	2018	CANDAR 2018	6	2	14	687	n/a
NishikawaSTT18a NishikawaSTT18a	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Tasks Based on Constraint Programming	Yes	[612]	2018	TENCON 2018	6	1	9	688	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[620]	1994	ECAI 1994	5	0	0	689	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[621]	1996	European Journal of Operational Research	16	65	6	1472	n/a
BehrensLM19 BehrensLM19	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[102]	2019	ICRA 2019	7	12	18	456	857
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[103]	2019	CoRR	8	0	0	1566	1628
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[597]	2022	SSRN Electronic Journal	29	0	44	1456	n/a
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[598]	2023	SSRN Electronic Journal	32	0	46	1458	n/a
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[268]	2015	CP 2015	18	3	12	534	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[61]	2009	CP 2009	1	0	0	437	n/a
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[174]	2005	CP 2005	1	0	0	493	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	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640
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	[605]	2016	OR Spectrum	34	10	15	1463	n/a
AngelsmarkJ00 AngelsmarkJ00	O. Angelsmark, P. Jonsson	Some Observations on Durations, Scheduling and Allen's Algebra	Yes	[26]	2000	CP 2000	5	1	9	421	n/a

Table 107: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
CarchraeBF05 CarchraeBF05	T. Carchrae, J. Christopher Beck, Eugene C. Freuder	Methods to Learn Abstract Scheduling Models	Yes	[174]	2005	CP 2005	1	0	0	493	n/a
ZibranR11 ZibranR11	Minhaz F. Zibran, Chanchal K. Roy	Conflict-Aware Optimal Scheduling of Code Clone Refactoring: A Constraint Programming Approach	Yes	[870]	2011	ICPC 2011	4	17	18	801	n/a
ZibranR11a ZibranR11a	Minhaz F. Zibran, Chanchal K. Roy	A Constraint Programming Approach to Conflict-Aware Optimal Scheduling of Prioritized Code Clone Refactoring	Yes	[871]	2011	SCAM 2011	10	26	27	802	n/a
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[403]	2005	CP 2005	14	30	10	595	n/a
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[405]	2006	Constraints An Int. J.	19	19	13	1386	1659
HauderBRPA20 HauderBRPA20	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	Resource-constrained multi-project scheduling with activity and time flexibility	Yes	[374]	2020	Computers Industrial Engineering	14	14	46	1377	1617
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[373]	2019	CoRR	62	0	0	1568	n/a
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[61]	2009	CP 2009	1	0	0	437	n/a
Caballero23 Caballero23	Jordi Coll Caballero	Scheduling through logic-based tools	Yes	[167]	2023	Constraints An Int. J.	1	0	0	1313	1583
AbrilSB05 AbrilSB05	M. Abril, Miguel A. Salido, F. Barber	Distributed Constraints for Large-Scale Scheduling Problems	Yes	[5]	2005	CP 2005	1	0	0	414	n/a
Baptiste09 Baptiste09	P. Baptiste	Constraint-Based Schedulers, Do They Really Work?	Yes	[61]	2009	CP 2009	1	0	0	437	n/a
AngelsmarkJ00 AngelsmarkJ00	O. Angelsmark, P. Jonsson	Some Observations on Durations, Scheduling and Allen's Algebra	Yes	[26]	2000	CP 2000	5	1	9	421	n/a
HebrardTW05 HebrardTW05	E. Hebrard, P. Tyler, T. Walsh	Computing Super-Schedules	Yes	[378]	2005	CP 2005	1	0	3	583	n/a
CestaOS98 CestaOS98	A. Cesta, A. Oddi, Stephen F. Smith	Scheduling Multi-capacitated Resources Under Complex Temporal Constraints	Yes	[189]	1998	CP 1998	1	5	0	499	n/a
KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[468]	2005	CP 2005	1	2	3	626	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	[690]	2007	ICROMA 2007	14	0	0	717	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[692]	2009	ICROMA 2009	14	0	0	718	n/a
Davis87 Davis87	E. Davis	Constraint propagation with interval labels	Yes	[220]	1987	Artificial Intelligence	51	308	21	1328	n/a
Valdes87 Valdes87	Raúl E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[795]	1987	AAAI 1987	5	0	0	763	n/a
Caballero23 Caballero23	Jordi Coll Caballero	Scheduling through logic-based tools	Yes	[167]	2023	Constraints An Int. J.	1	0	0	1313	1583
KovacsEKV05 KovacsEKV05	A. Kovács, P. Egri, T. Kis, J. Váncza	Proterv-II: An Integrated Production Planning and Scheduling System	Yes	[468]	2005	CP 2005	1	2	3	626	n/a

Table 108: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TasselGS23 [762]	9	job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic	JSSP	cumulative, disjunctive, noOverlap	Java	Choco Solver			industrial instance, real-world, github, benchmark, supplementary material	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic	16	817
abs-2306-05747 [763]	9	re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop	JSSP	noOverlap, disjunctive, cumulative	Java	Choco Solver			real-world, github, industrial instance, supplementary material, benchmark	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing	922	1597
PerezGSL23 [649]	7	inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP		table constraint, cumulative		OPL	container terminal, nurse, operating room, steel mill		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	12	813
abs-2312-13682 [650]	20	activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task		table constraint, cumulative		OPL	container terminal, train schedule, nurse, steel mill, operating room		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	923	1598
NishikawaSTT18 [611]	6	precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task		alternative constraint, endBeforeStart		Cplex	robot, pipeline		real-world, benchmark	genetic algorithm	90	n/a
NishikawaSTT18a [612]	6	CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity		endBeforeStart, alternative constraint		Cplex	robot, nurse, pipeline		benchmark, real-life, real-world	genetic algorithm	91	n/a

Table 108: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NuijtenA94 [620]	5	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, CPO				time-tabling	395	n/a
NuijtenA96 [621]	16	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint		CPO				time-tabling	1239	n/a
BehrensLM19 [102]	7	resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization			Python	OR-Tools, MiniZinc	robot		github, real-world		63	857
abs-1901-07914 [103]	8	constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span			Python	OR-Tools, MiniZinc	robot		real-world, github, benchmark		1015	1628
NaderiBZ22 [597]	29	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint		Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-life	meta heuristic, memetic algorithm	941	n/a
NaderiBZ23 [598]	32	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint	Python	Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-world	meta heuristic, memetic algorithm	913	n/a
EvenSH15 [268]	18	transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task		Disjunctive constraint, cumulative, disjunctive		OPL, Choco Solver	evacuation, emergency service		real-life, real-world	column generation, sweep, mat heuristic, ant colony	135	n/a

Table 108: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
EvenSH15a [269]	16	distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP		disjunctive, Disjunctive constraint, cumulative	Java	Choco Solver, OPL	emergency service, evacuation		real-world, real-life	ant colony, mat heuristic, meta heuristic, column generation, sweep	1066	n/a
Baptiste09 [61]	1	scheduling, CP									227	n/a
CarchraeBF05 [174]	1	task, scheduling, make-span, order, CP	Partial Order Schedule								280	n/a
NattafAL15 [603]	21	release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1071	1640
NattafALR16 [605]	34	preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1057	n/a
AngelsmarkJ00 [26]	5	resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop									345	n/a
CarchraeBF05 [174]	1	task, scheduling, make-span, order, CP	Partial Order Schedule								280	n/a
ZibranR11 [870]	4	CP, constraint programming, order, activity, constraint satisfaction, scheduling			Java	Cplex, OPL				simulated annealing, genetic algorithm, meta heuristic	212	n/a
ZibranR11a [871]	10	distributed, activity, CP, order, constraint programming, scheduling, constraint satisfaction, resource				Cplex, OPL				meta heuristic, timetabling, genetic algorithm, simulated annealing	213	n/a

Table 108: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker05a [403]	14	CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex				MINLP	288	n/a
Hooker06 [405]	19	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	1174	1659
HauderBRPA20 [374]	14	setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	cumulative, cycle		OPL, Cplex	aircraft	automobile industry, food-processing industry, steel industry, processing industry	industry partner, benchmark, real-world, supplementary material	particle swarm, genetic algorithm, meta heuristic	984	1617
abs-1902-09244 [373]	62	setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	cycle, cumulative, endBeforeStart		OPL, Cplex	aircraft	automobile industry, steel industry, food-processing industry, glass industry, processing industry	real-world, benchmark, industry partner	genetic algorithm, particle swarm, simulated annealing, meta heuristic	1017	n/a
Baptiste09 [61]	1	scheduling, CP									227	n/a
Caballero23 [167]	1	CP, scheduling, resource	Resource-constrained Project Scheduling Problem, RCPSP								899	1583
AbrilSB05 [5]	1	distributed, scheduling, multi-agent, CP, order, CSP					railway				275	n/a
Baptiste09 [61]	1	scheduling, CP									227	n/a
AngelsmarkJ00 [26]	5	resource, job, order, constraint satisfaction, task, CP, scheduling, job-shop									345	n/a

Table 108: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
HebrardTW05 [378]	1	scheduling, job-shop, job, constraint programming, CP, constraint satisfaction, order, machine									287	n/a
CestaOS98 [189]	1	job, scheduling, CSP, CP, resource					robot				360	n/a
KovacsEKV05 [468]	1	setup-time, CP, precedence, scheduling, resource, job-shop, job, constraint programming	Resource-constrained Project Scheduling Problem						real-life		291	n/a
Rodriguez07b [690]	14	re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Z3, Ilog Solver	train schedule, railway	railway industry		edge-finding	265	n/a
RodriguezS09 [692]	14	blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Ilog Solver	train schedule, railway			edge-finding	233	n/a
Davis87 [220]	51	machine, task, constraint satisfaction, job, order, scheduling, CP		disjunctive, circuit, cycle			robot				1251	n/a
Valdes87 [795]	5	precedence, order, constraint satisfaction, task		circuit, disjunctive, cycle							409	n/a
Caballero23 [167]	1	CP, scheduling, resource	Resource-constrained Project Scheduling Problem, RCPSP								899	1583
KovacsEKV05 [468]	1	setup-time, CP, precedence, scheduling, resource, job-shop, job, constraint programming	Resource-constrained Project Scheduling Problem						real-life		291	n/a

G.2 Most Similar Works Based on Dot Product Similarity

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

Table 109: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[537]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	2995	n/a
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[48]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	2976	n/a
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Siala15 Siala15	M. Siala	Search, propagation, and learning in sequencing and scheduling problems	Yes	[731]	2015	Constraints An Int. J.	2	4	0	1516	1642
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	[732]	2015	INSA Toulouse, France	199	0	0	3001	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a

Table 109: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[48]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	2976	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[537]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	2995	n/a
PrataAN23 PrataAN23	Bruno A. Prata, Levi R. Abreu, Marcelo S. Nagano	Applications of constraint programming in production scheduling problems: A descriptive bibliometric analysis	Yes	[668]	2024	Results in Control and Optimization	17	0	0	1490	1577
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
Fahimi16 Fahimi16	H. Fahimi	Efficient algorithms to solve scheduling problems with a variety of optimization criteria	Yes	[271]	2016	Université Laval, Quebec, Canada	120	0	0	2985	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a

Table 109: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
ZarandiASC20 ZarandiASC20	Mohammad Hossein Fazel Zarandi, Ali Akbar Sadat Asl, S. Sotudian, O. Castillo	A state of the art review of intelligent scheduling	Yes	[852]	2020	Artif. Intell. Rev.	93	55	445	1552	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Lunardi20 [537]	181	reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness	parallel machine, FJS, single machine	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	Python	CPO, OPL, Cplex	high performance computing, robot	printing industry, glass industry	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	2953	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Malapert11 [545]	194	tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date	Open Shop Scheduling Problem, single machine	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint	C++, Java, Prolog	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	robot, semiconductor, rectangle-packing, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep	2966	n/a
Astrand21 [48]	142	sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	C++, Julia	Cplex, OPL, Gecode	satellite, agriculture, semiconductor, drone, robot	potash industry, mineral industry, mining industry, maritime industry, shipping industry	generated instance, benchmark, real-world, real-life	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	2948	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a
Siala15 [731]	2	sequence dependent setup, machine, activity, setup-time, job, open-shop, order, scheduling, CP, precedence, cmax, job-shop, constraint programming, explanation, due-date, earliness, task, tardiness, resource, make-span	single machine, OSP, RCPSP, TMS	AmongSeq constraint, circuit, alldifferent, Balance constraint, cumulative, table constraint, GCC constraint, AtMostSeqCard, Reified constraint, Regular constraint, Among constraint, Atmost constraint, Disjunctive constraint, Cardinality constraint, cycle, MultiAtMostSeqCard, disjunctive, CardPath, AtMostSeq		Ilog Solver, CHIP, Claire, OPL, Mistral	rectangle-packing, automotive		github, Roadef, CSPlib, real-world, benchmark, random instance	edge-finding, GRASP, time-tabling	1074	1642

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Siala15a [732]	199	constraint programming, job-shop, CP, explanation, earliness, constraint logic programming, COP, CSP, setup-time, activity, make-span, machine, job, resource, precedence, cmax, sequence dependent setup, due-date, order, tardiness, CLP, scheduling, constraint satisfaction, task, open-shop, periodic	OSP, RCPSP, single machine, TMS	Among constraint, AmongSeq constraint, Atmost constraint, Disjunctive constraint, GCC constraint, CardPath, AtMostSeqCard, AtMostSeq, table constraint, Balance constraint, cumulative, circuit, disjunctive, Regular constraint, Cardinality constraint, MultiAtMostSeqCard, Reified constraint, alldifferent, cycle		Ilog Solver, Mistral, Claire, CHIP, OPL	rectangle-packing, automotive		Roadef, real-world, github, benchmark, random instance, CSPlib	evolutionary computing, edge-finding, swarm intelligence, conflict-driven clause learning, lazy clause generation, timetabling, large neighborhood search, ant colony, GRASP	2962	n/a
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a
Malapert11 [545]	194	tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date	Open Shop Scheduling Problem, single machine	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint	C++, Java, Prolog	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	robot, semiconductor, rectangle-packing, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep	2966	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Astrand21 [48]	142	sequence dependent setup, due-date, flow-shop, net present value, machine, re-scheduling, stochastic, precedence, inventory, two-stage scheduling, tardiness, constraint programming, CSP, completion-time, multi-objective, CP, distributed, one-machine scheduling, job-shop, resource, transportation, open-shop, job, order, activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, planned maintenance, periodic, scheduling, make-span, task, unavailability	RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Partial Order Schedule, HFS, single machine	cumulative, alldifferent, cycle, Reified constraint, circuit, disjunctive, Disjunctive constraint	C++, Julia	Cplex, OPL, Gecode	satellite, agriculture, semiconductor, drone, robot	potash industry, mineral industry, mining industry, maritime industry, shipping industry	generated instance, benchmark, real-world, real-life	time-tabling, not-first, large neighborhood search, not-last, meta heuristic, neural network, reinforcement learning, edge-finding, simulated annealing, genetic algorithm, NEH	2948	n/a
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Lunardi20 [537]	181	reactive scheduling, unavailability, cmax, CP, machine, lateness, re-scheduling, stochastic, no preempt, constraint programming, job-shop, resource, transportation, open-shop, order, completion-time, multi-objective, activity, constraint satisfaction, setup-time, breakdown, Pareto, release-date, scheduling, make-span, task, bi-objective, job, due-date, batch process, preempt, flow-shop, explanation, precedence, tardiness	parallel machine, FJS, single machine	cycle, endBeforeStart, noOverlap, alldifferent, disjunctive	Python	CPO, OPL, Cplex	high performance computing, robot	printing industry, glass industry	industrial partner, instance generator, benchmark, random instance, github, supplementary material, real-world, real-life, generated instance	particle swarm, ant colony, mat heuristic, memetic algorithm, meta heuristic, machine learning, simulated annealing, genetic algorithm, swarm intelligence, neural network, reinforcement learning	2953	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
PrataAN23 [668]	17	order, multi-objective, activity, setup-time, release-date, no-wait, single-machine scheduling, scheduling, Logic-Based Benders Decomposition, make-span, task, bi-objective, order scheduling, job, sequence dependent setup, due-date, batch process, preempt, flow-shop, precedence, tardiness, flow-time, earliness, preemptive, completion-time, energy efficiency, online scheduling, CP, machine, lateness, re-scheduling, stochastic, inventory, distributed, constraint programming, job-shop, resource, open-shop, Benders Decomposition	single machine, Open Shop Scheduling Problem, parallel machine	circuit, cumulative		CHIP	dairy, robot, energy-price, aircraft	manufacturing industry	real-life, benchmark, real-world	mat heuristic, memetic algorithm, meta heuristic, machine learning, genetic algorithm, reinforcement learning, timetabling, large neighborhood search, particle swarm	890	1577
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Malapert11 [545]	194	tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date	Open Shop Scheduling Problem, single machine	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint	C++, Java, Prolog	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	robot, semiconductor, rectangle-packing, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, timetabling, particle swarm, column generation, not-last, meta heuristic, sweep	2966	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Groleaz21 [344]	153	activity, constraint satisfaction, preempt, setup-time, breakdown, release-date, periodic, single-machine scheduling, scheduling, make-span, task, COP, bi-objective, reactive scheduling, preemptive, sequence dependent setup, due-date, flow-shop, cmax, machine, explanation, lateness, re-scheduling, stochastic, precedence, inventory, tardiness, constraint programming, earliness, CSP, completion-time, online scheduling, CP, distributed, job-shop, resource, transportation, open-shop, job, order	single machine, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, GCSP, OSP	circuit, disjunctive, Disjunctive constraint, span constraint, cumulative, cycle, noOverlap	Julia, Java	Choco Solver, OR-Tools, SCIP, Cplex, Z3, OPL, Gurobi, CPO, Gecode	dairy, robot, automotive, business process	food industry, dairy industry, agrifood industry	benchmark, real-life	mat heuristic, evolutionary computing, memetic algorithm, meta heuristic, swarm intelligence, neural network, edge-finding, column generation, machine learning, simulated annealing, genetic algorithm, not-first, large neighborhood search, not-last, ant colony	2950	n/a
Lombardi10 [517]	175	re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	C	Ilog Solver, OPL, Cplex	pipeline, aircraft, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, instance generator, real-life, real-world	large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation	2969	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Baptiste02 [60]	237	re-scheduling, CSP, release-date, scheduling, Pareto, preempt, task, CLP, machine, make-span, constraint satisfaction, distributed, no preempt, due-date, tardiness, lateness, constraint logic programming, earliness, sequence dependent setup, resource, flow-time, preemptive, job-shop, activity, reactive scheduling, flow-shop, job, constraint programming, completion-time, precedence, CP, inventory, setup-time, single-machine scheduling, open-shop, order, one-machine scheduling, cmax	single machine, OSSP, Open Shop Scheduling Problem, PJSSP, HFS, RCPSP, parallel machine, Resource-constrained Project Scheduling Problem, JSSP	cumulative, circuit, disjunctive, Cardinality constraint, alternative constraint, Arithmetic constraint, Disjunctive constraint, table constraint	Prolog, C++	Choco Solver, Ilog Solver, OPL, ECLiPSe, Claire, CHIP, Ilog Scheduler, Z3	hoist		real-life, generated instance, benchmark	column generation, not-last, simulated annealing, edge-finding, genetic algorithm, not-first, Lagrangian relaxation, energetic reasoning	2973	n/a
Lombardi10 [517]	175	re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	C	Ilog Solver, OPL, Cplex	pipeline, aircraft, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, instance generator, real-life, real-world	large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation	2969	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Fahimi16 [271]	120	reactive scheduling, completion-time, flow-shop, constraint satisfaction, task, open-shop, stochastic, CSP, periodic, activity, job-shop, CP, Logic-Based Benders Decomposition, constraint logic programming, preempt, precedence, batch process, setup-time, due-date, preemptive, order, make-span, machine, job, resource, lateness, transportation, sequence dependent setup, tardiness, scheduling, constraint programming, Benders Decomposition	single machine, CuSP, parallel machine, RCPSP	Cardinality constraint, Cumulatives constraint, alldifferent, cycle, AllDiff constraint, Disjunctive constraint, cumulative, alternative constraint, disjunctive	Java, C++	Choco Solver, Ilog Scheduler, Gecode, CHIP	aircraft		benchmark, random instance, Roadef, real-world	time-tabling, energetic reasoning, sweep, not-first, not-last, edge-finding, max-flow	2958	n/a
Malapert11 [545]	194	tardiness, lateness, COP, preempt, batch process, constraint satisfaction, resource, flow-time, preemptive, job-shop, activity, no-wait, flow-shop, job, constraint programming, completion-time, precedence, CP, planned maintenance, inventory, setup-time, open-shop, order, cmax, multi-objective, transportation, CSP, scheduling, task, CLP, machine, make-span, due-date	Open Shop Scheduling Problem, single machine	diffn, cycle, alldifferent, Element constraint, bin-packing, Disjunctive constraint, cumulative, circuit, disjunctive, geost, Cumulatives constraint	C++, Java, Prolog	Mistral, Claire, ECLiPSe, SICStus, Cplex, CHIP, Ilog Scheduler, Choco Solver, Gecode, OPL	robot, semiconductor, rectangle-packing, maintenance scheduling, patient		real-world, industrial partner, generated instance, benchmark	edge-finding, genetic algorithm, not-first, ant colony, energetic reasoning, time-tabling, particle swarm, column generation, not-last, meta heuristic, sweep	2966	n/a
Dejemeppe16 [227]	274	job, activity, Pareto, explanation, constraint programming, COP, release-date, flow-shop, batch process, multi-objective, energy efficiency, preemptive, completion-time, setup-time, earliness, CP, task, stochastic, constraint satisfaction, lateness, bi-objective, precedence, sequence dependent setup, make-span, open-shop, order, continuous-process, machine, preempt, tardiness, scheduling, re-scheduling, resource, due-date, CSP, no-wait, job-shop, constraint optimization	single machine, PTC, psplib, Resource-constrained Project Scheduling Problem, RCPSP	disjunctive, Cumulatives constraint, GCC constraint, circuit, Cardinality constraint, Regular constraint, cumulative, Element constraint, Reified constraint, alldifferent, cycle, Disjunctive constraint		OPL, Gecode, OR-Tools, Ilog Solver, CHIP, CPO	supercomputer, nurse, robot, container terminal, medical, patient, physician	paper industry	benchmark, instance generator, industrial partner, real-world, bitbucket, generated instance, random instance	Lagrangian relaxation, simulated annealing, ant colony, not-last, particle swarm, sweep, large neighborhood search, not-first, meta heuristic, edge-finding, genetic algorithm	2957	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Lombardi10 [517]	175	re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	C	Ilog Solver, OPL, Cplex	pipeline, aircraft, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, instance generator, real-life, real-world	large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation	2969	n/a
Lombardi10 [517]	175	re-scheduling, job, constraint programming, CSP, precedence, Benders Decomposition, release-date, stochastic, setup-time, order, net present value, multi-objective, tardiness, constraint logic programming, scheduling, preempt, task, machine, make-span, constraint satisfaction, periodic, distributed, Logic-Based Benders Decomposition, preemptive, job-shop, due-date, activity, explanation, completion-time, CP, inventory, resource, energy efficiency	single machine, SCC, Resource-constrained Project Scheduling Problem, CTW, TCSP, RCPSP	Disjunctive constraint, AllDiff constraint, cumulative, disjunctive, span constraint, cycle, Balance constraint, table constraint, bin-packing, circuit	C	Ilog Solver, OPL, Cplex	pipeline, aircraft, semiconductor, business process, medical, automotive	semiconductor industry	generated instance, benchmark, instance generator, real-life, real-world	large neighborhood search, column generation, machine learning, not-last, simulated annealing, lazy clause generation, meta heuristic, sweep, edge-finder, edge-finding, energetic reasoning, genetic algorithm, time-tabling, not-first, Lagrangian relaxation	2969	n/a

Table 110: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
ZarandiASC20 [852]	93	tardiness, batch process, activity, multi-agent, completion-time, constraint satisfaction, due-date, scheduling, flow-shop, machine, job, re-scheduling, open-shop, make-span, energy efficiency, multi-objective, breakdown, explanation, setup-time, preempt, single-machine scheduling, order, inventory, bi-objective, distributed, lateness, no-wait, CP, resource, CSP, two-stage scheduling, net present value, one-machine scheduling, constraint logic programming, cmax, stochastic, reactive scheduling, task, constraint programming, flow-time, preemptive, Pareto, release-date, precedence, earliness, sequence dependent setup, job-shop, transportation, periodic, CLP	HFS, parallel machine, OSSP, JSSP, Resource-constrained Project Scheduling Problem, Open Shop Scheduling Problem, PMSP, RCPSP, single machine, FJS, Resource-constrained Project Scheduling Problem with Discounted Cashflow	disjunctive, cycle	Prolog	OPL	satellite, robot, surgery, medical, railway, business process, container terminal, nurse, semiconductor, evacuation, drone, crew-scheduling, train schedule, maintenance scheduling, aircraft, operating room	textile industry, gas industry	real-world, benchmark, real-life	memetic algorithm, column generation, max-flow, time-tabling, neural network, meta heuristic, ant colony, simulated annealing, genetic algorithm, reinforcement learning, particle swarm, machine learning, Lagrangian relaxation, swarm intelligence	996	n/a

G.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 111: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	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	[762]	2023	ICAPS 2023	9	0	0	748	817
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	[763]	2023	CoRR	9	0	0	1573	1597
PerezGSL23 PerezGSL23	G. Perez, G. Glorian, W. Suijlen, A. Lallouet	A Constraint Programming Model for Scheduling the Unloading of Trains in Ports	Yes	[649]	2023	ICTAI 2023	7	0	0	699	813
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	[650]	2023	CoRR	20	0	0	1574	1598
NaderiBZ22 NaderiBZ22	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[597]	2022	SSRN Electronic Journal	29	0	44	1456	n/a
NaderiBZ23 NaderiBZ23	B. Naderi, Mehmet A. Begen, G. Zhang	Integrated Order Acceptance and Resource Decisions Under Uncertainty: Robust and Stochastic Approaches	Yes	[598]	2023	SSRN Electronic Journal	32	0	46	1458	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[620]	1994	ECAI 1994	5	0	0	689	n/a
NuijtenA96 NuijtenA96	W. Nuijten, E. Aarts	A computational study of constraint satisfaction for multiple capacitated job shop scheduling	Yes	[621]	1996	European Journal of Operational Research	16	65	6	1472	n/a
HauderBRPA20 HauderBRPA20	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	Resource-constrained multi-project scheduling with activity and time flexibility	Yes	[374]	2020	Computers Industrial Engineering	14	14	46	1377	1617
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[373]	2019	CoRR	62	0	0	1568	n/a
NishikawaSTT18 NishikawaSTT18	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Fork-Join Tasks with Constraint Programming	Yes	[611]	2018	CANDAR 2018	6	2	14	687	n/a
NishikawaSTT18a NishikawaSTT18a	H. Nishikawa, K. Shimada, I. Taniguchi, H. Tomiyama	Scheduling of Malleable Tasks Based on Constraint Programming	Yes	[612]	2018	TENCON 2018	6	1	9	688	n/a
EvenSH15 EvenSH15	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-preemptive Evacuation Scheduling	Yes	[268]	2015	CP 2015	18	3	12	534	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
BehrensLM19 BehrensLM19	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[102]	2019	ICRA 2019	7	12	18	456	857
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[103]	2019	CoRR	8	0	0	1566	1628
NattafAL15 NattafAL15	M. Nattaf, C. Artigues, P. Lopez	A hybrid exact method for a scheduling problem with a continuous resource and energy constraints	Yes	[603]	2015	Constraints An Int. J.	21	14	13	1461	1640
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	[605]	2016	OR Spectrum	34	10	15	1463	n/a
MilanoW06 MilanoW06	M. Milano, Mark G. Wallace	Integrating operations research in constraint programming	Yes	[573]	2006	4OR	45	18	46	1450	n/a

Table 111: Works from bibtex (Total 40)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
MilanoW09 MilanoW09	M. Milano, Mark G. Wallace	Integrating Operations Research in Constraint Programming	Yes	[574]	2009	Annals of Operations Research	40	34	46	1451	n/a
Hooker05a Hooker05a	John N. Hooker	Planning and Scheduling to Minimize Tardiness	Yes	[403]	2005	CP 2005	14	30	10	595	n/a
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[405]	2006	Constraints An Int. J.	19	19	13	1386	1659
BaptisteP00 BaptisteP00	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[66]	2000	Constraints An Int. J.	21	46	0	1276	1662
BaptisteP97 BaptisteP97	P. Baptiste, Claude Le Pape	Constraint Propagation and Decomposition Techniques for Highly Disjunctive and Highly Cumulative Project Scheduling Problems	Yes	[65]	1997	CP 1997	15	8	10	439	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	[387]	2022	Computers Industrial Engineering	16	5	25	1380	1604
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	[388]	2023	CoRR	42	0	0	1572	1596
Rodriguez07b Rodriguez07b	J. Rodriguez	A study of the use of state resources in a constraint-based model for routing and scheduling trains	Yes	[690]	2007	ICROMA 2007	14	0	0	717	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[692]	2009	ICROMA 2009	14	0	0	718	n/a
VilimBC04 VilimBC04	P. Vilím, R. Barták, O. Cepek	Unary Resource Constraint with Optional Activities	Yes	[810]	2004	CP 2004	15	13	4	774	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	[811]	2005	Constraints An Int. J.	23	21	5	1540	1661
LetortBC12 LetortBC12	A. Letort, N. Beldiceanu, M. Carlsson	A Scalable Sweep Algorithm for the cumulative Constraint	Yes	[497]	2012	CP 2012	16	18	12	640	n/a
LetortCB13 LetortCB13	A. Letort, M. Carlsson, N. Beldiceanu	A Synchronized Sweep Algorithm for the *k-dimensional cumulative* Constraint	Yes	[498]	2013	CPAIOR 2013	16	3	10	641	885
TranAB16 TranAB16	Tony T. Tran, A. Araujo, J. Christopher Beck	Decomposition Methods for the Parallel Machine Scheduling Problem with Setups	Yes	[781]	2016	INFORMS Journal on Computing	13	72	28	1533	n/a
TranB12 TranB12	Tony T. Tran, J. Christopher Beck	Logic-based Benders Decomposition for Alternative Resource Scheduling with Sequence Dependent Setups	Yes	[782]	2012	ECAI 2012	6	0	0	758	n/a
Hooker04 Hooker04	John N. Hooker	A Hybrid Method for Planning and Scheduling	Yes	[401]	2004	CP 2004	12	39	9	594	n/a
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[407]	2007	Operations Research	29	181	19	1387	n/a
Hooker06 Hooker06	John N. Hooker	An Integrated Method for Planning and Scheduling to Minimize Tardiness	Yes	[405]	2006	Constraints An Int. J.	19	19	13	1386	1659
Hooker07 Hooker07	John N. Hooker	Planning and Scheduling by Logic-Based Benders Decomposition	Yes	[407]	2007	Operations Research	29	181	19	1387	n/a
LacknerMMWW21 LacknerMMWW21	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Minimizing Cumulative Batch Processing Time for an Industrial Oven Scheduling Problem	Yes	[486]	2021	CP 2021	18	0	0	636	844
LacknerMMWW23 LacknerMMWW23	M. Lackner, C. Mrkvicka, N. Musliu, D. Walkiewicz, F. Winter	Exact methods for the Oven Scheduling Problem	Yes	[487]	2023	Constraints An Int. J.	42	0	32	1419	1589

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
TasselGS23 [762]	9	job-shop, flow-shop, completion-time, CP, resource, flow-time, re-scheduling, job, constraint programming, precedence, order, tardiness, constraint optimization, scheduling, preempt, task, machine, make-span, periodic	JSSP	cumulative, disjunctive, noOverlap	Java	Choco Solver			industrial instance, real-world, github, benchmark, supplementary material	genetic algorithm, neural network, large neighborhood search, machine learning, simulated annealing, reinforcement learning, meta heuristic	16	817
abs-2306-05747 [763]	9	re-scheduling, scheduling, order, make-span, preempt, constraint programming, CP, flow-time, completion-time, resource, job, periodic, job-shop, precedence, constraint optimization, task, tardiness, machine, flow-shop	JSSP	noOverlap, disjunctive, cumulative	Java	Choco Solver			real-world, github, industrial instance, supplementary material, benchmark	neural network, large neighborhood search, reinforcement learning, genetic algorithm, machine learning, meta heuristic, simulated annealing	922	1597
PerezGSL23 [649]	7	inventory, order, transportation, re-scheduling, scheduling, task, machine, make-span, resource, activity, constraint programming, completion-time, CP		table constraint, cumulative		OPL	container terminal, nurse, operating room, steel mill		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	12	813
abs-2312-13682 [650]	20	activity, constraint programming, machine, inventory, re-scheduling, scheduling, order, make-span, CP, resource, transportation, task		table constraint, cumulative		OPL	container terminal, train schedule, nurse, steel mill, operating room		real-world, generated instance	large neighborhood search, mat heuristic, meta heuristic	923	1598
NaderiBZ22 [597]	29	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint		Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-life	meta heuristic, memetic algorithm	941	n/a

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NaderiBZ23 [598]	32	stochastic, setup-time, open-shop, order, scheduling, machine, make-span, distributed, Logic-Based Benders Decomposition, job-shop, due-date, tardiness, flow-shop, lateness, CP, resource, transportation, no-wait, job, constraint programming, completion-time, Benders Decomposition	parallel machine, single machine	disjunctive, noOverlap, Disjunctive constraint	Python	Cplex, CPO	crew-scheduling, nurse, surgery, patient, operating room, automotive		benchmark, real-world	meta heuristic, memetic algorithm	913	n/a
NuijtenA94 [620]	5	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, completion-time, CP, resource, job, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint	C++	Ilog Solver, CPO				time-tabling	395	n/a
NuijtenA96 [621]	16	scheduling, preempt, machine, make-span, constraint satisfaction, preemptive, job-shop, flow-shop, completion-time, CP, resource, job, constraint programming, CSP, precedence, CLP, order	JSSP	disjunctive, Disjunctive constraint		CPO				time-tabling	1239	n/a
HauderBRPA20 [374]	14	setup-time, order, bi-objective, no-wait, job-shop, resource, stochastic, task, constraint programming, completion-time, precedence, earliness, machine, transportation, tardiness, make-span, activity, explanation, inventory, due-date, scheduling, flow-shop, job, CP, multi-objective, breakdown, manpower	RCPSP, RCMPSP, FJS, Resource-constrained Project Scheduling Problem	cumulative, cycle		OPL, Cplex	aircraft	automobile industry, food-processing industry, steel industry, processing industry	industry partner, benchmark, real-world, supplementary material	particle swarm, genetic algorithm, meta heuristic	984	1617
abs-1902-09244 [373]	62	setup-time, activity, constraint programming, machine, flow-shop, CP, job, order, due-date, earliness, bi-objective, stochastic, explanation, completion-time, breakdown, resource, task, job-shop, tardiness, inventory, multi-objective, no-wait, precedence, transportation, scheduling, make-span, release-date	Resource-constrained Project Scheduling Problem, FJS, RCMPSP, RCPSP	cycle, cumulative, endBeforeStart		OPL, Cplex	aircraft	automobile industry, steel industry, food-processing industry, glass industry, processing industry	real-world, benchmark, industry partner	genetic algorithm, particle swarm, simulated annealing, meta heuristic	1017	n/a
NishikawaSTT18 [611]	6	precedence, scheduling, make-span, activity, distributed, constraint programming, order, CP, resource, task		alternative constraint, endBeforeStart		Cplex	robot, pipeline		real-world, benchmark	genetic algorithm	90	n/a

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
NishikawaSTT18a [612]	6	CP, make-span, scheduling, resource, task, constraint programming, distributed, re-scheduling, order, precedence, activity		endBeforeStart, alternative constraint		Cplex	robot, nurse, pipeline		benchmark, real-life, real-world	genetic algorithm	91	n/a
EvenSH15 [268]	18	transportation, CP, preempt, machine, distributed, resource, preemptive, order, scheduling, constraint programming, Benders Decomposition, completion-time, task		Disjunctive constraint, cumulative, disjunctive		OPL, Choco Solver	evacuation, emergency service		real-life, real-world	column generation, sweep, mat heuristic, ant colony	135	n/a
EvenSH15a [269]	16	distributed, constraint programming, resource, transportation, Benders Decomposition, order, preempt, scheduling, task, machine, preemptive, completion-time, CP		disjunctive, Disjunctive constraint, cumulative	Java	Choco Solver, OPL	emergency service, evacuation		real-world, real-life	ant colony, mat heuristic, meta heuristic, column generation, sweep	1066	n/a
BehrensLM19 [102]	7	resource, setup-time, task, constraint satisfaction, constraint programming, make-span, order, machine, CP, scheduling, CSP, distributed, multi-agent, constraint optimization			Python	OR-Tools, MiniZinc	robot		github, real-world		63	857
abs-1901-07914 [103]	8	constraint programming, CP, resource, CSP, constraint satisfaction, constraint optimization, task, distributed, machine, multi-agent, scheduling, order, make-span			Python	OR-Tools, MiniZinc	robot		real-world, github, benchmark		1015	1628
NattafAL15 [603]	21	release-date, scheduling, preempt, task, make-span, due-date, resource, preemptive, activity, constraint programming, CSP, CP, order	CECSP, RCPSP, Resource-constrained Project Scheduling Problem, CuSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1071	1640
NattafALR16 [605]	34	preemptive, no preempt, task, constraint programming, precedence, make-span, order, preempt, CP, scheduling, due-date, CSP, activity, explanation, resource, release-date	CECSP, CuSP, Resource-constrained Project Scheduling Problem, RCPSP	cumulative	C++	Cplex			generated instance	sweep, energetic reasoning	1057	n/a

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
MilanoW06 [573]	45	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity	single machine, parallel machine	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		CHIP, ECLiPSe, Cplex, OPL	crew-scheduling		benchmark	column generation, edge-finder, meta heuristic, time-tabling, large neighborhood search, Lagrangian relaxation	1176	n/a
MilanoW09 [574]	40	release-date, Logic-Based Benders Decomposition, distributed, one-machine scheduling, job-shop, resource, constraint logic programming, job, constraint satisfaction, preempt, setup-time, explanation, single-machine scheduling, scheduling, tardiness, task, preemptive, due-date, CP, machine, lateness, stochastic, constraint programming, transportation, Benders Decomposition, order, CSP, completion-time, activity	single machine	Cumulatives constraint, Reified constraint, Cardinality constraint, Channeling constraint, circuit, cumulative, alldifferent, GCC constraint		CHIP, SCIP, ECLiPSe, Cplex, OPL	crew-scheduling		benchmark	column generation, edge-finder, meta heuristic, lazy clause generation, time-tabling, large neighborhood search, Lagrangian relaxation	1149	n/a
Hooker05a [403]	14	CP, machine, constraint programming, resource, Benders Decomposition, order, release-date, scheduling, Logic-Based Benders Decomposition, make-span, task, constraint logic programming, job, due-date, precedence, tardiness		circuit, cumulative, disjunctive		Ilog Scheduler, OPL, Cplex				MINLP	288	n/a
Hooker06 [405]	19	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	1174	1659

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
BaptisteP00 [66]	21	preempt, CP, cmax, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order	RCPSP	cumulative, Disjunctive constraint, disjunctive	C++	Claire, CHIP, Ilog Scheduler			benchmark	energetic reasoning, edge-finding, edge-finder	1205	1662
BaptisteP97 [65]	15	preempt, CP, scheduling, re-scheduling, due-date, CSP, job, activity, resource, preemptive, job-shop, task, constraint satisfaction, constraint programming, precedence, release-date, flow-shop, make-span, order	Resource-constrained Project Scheduling Problem, RCPSP	cumulative, Disjunctive constraint, disjunctive	C++	Claire, CHIP			benchmark	edge-finding, edge-finder	366	n/a
HeinzNVH22 [387]	16	re-scheduling, bi-objective, scheduling, preempt, sequence dependent setup, task, unavailability, machine, make-span, distributed, flow-shop, completion-time, CP, resource, preemptive, activity, explanation, job, constraint programming, precedence, setup-time, order	parallel machine	cumulative, noOverlap, alternative constraint		Gurobi	high performance computing, robot, crew-scheduling		real-world, generated instance, benchmark, gitlab	meta heuristic, genetic algorithm, Lagrangian relaxation	935	1604
abs-2305-19888 [388]	42	sequence dependent setup, distributed, flow-shop, scheduling, order, make-span, preempt, setup-time, activity, constraint programming, machine, CP, job, re-scheduling, unavailability, preemptive, bi-objective, explanation, cmax, completion-time, resource, precedence, task	parallel machine	alternative constraint, noOverlap, cumulative		Gurobi	robot, high performance computing		gitlab, generated instance, real-world, benchmark	meta heuristic, Lagrangian relaxation, genetic algorithm	921	1596
Rodriguez07b [690]	14	re-scheduling, CP, blocking constraint, order, no-wait, job-shop, resource, CSP, task, constraint programming, release-date, precedence, scheduling, transportation, activity, job		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Z3, Ilog Solver	train schedule, railway	railway industry		edge-finding	265	n/a
RodriguezS09 [692]	14	blocking constraint, Benders Decomposition, order, no-wait, Logic-Based Benders Decomposition, job-shop, resource, CSP, task, constraint programming, completion-time, precedence, scheduling, transportation, activity, constraint satisfaction, job, CP		circuit, disjunctive, Blocking constraint, Disjunctive constraint		Ilog Scheduler, Ilog Solver	train schedule, railway			edge-finding	233	n/a

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
VilimBC04 [810]	15	scheduling, make-span, job, machine, precedence, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity		disjunctive, cumulative					benchmark, real-life	edge-finding, not-first, not-last	315	n/a
VilimBC05 [811]	23	setup-time, scheduling, make-span, task, job, sequence dependent setup, batch process, machine, precedence, CLP, completion-time, CP, distributed, constraint programming, job-shop, resource, open-shop, order, activity		disjunctive, cumulative, cycle					benchmark, real-life	edge-finding, not-first, not-last, sweep	1182	1661
LetortBC12 [497]	16	constraint programming, precedence, CP, order, scheduling, task, CLP, machine, make-span, resource	psplib	cumulative, geost, Cumulatives constraint, bin-packing	Java, Prolog	Choco Solver, CHIP, SICStus	datacenter		benchmark, random instance, Roadef	meta heuristic, sweep, edge-finding	188	n/a
LetortCB13 [498]	16	constraint programming, precedence, CP, order, scheduling, task, machine, make-span, resource	psplib, RCPSP	Disjunctive constraint, cumulative, disjunctive, bin-packing	Java, Prolog	Choco Solver, SICStus			benchmark, random instance, Roadef	energetic reasoning, meta heuristic, sweep, edge-finding	174	885
TranAB16 [781]	13	sequence dependent setup, due-date, order, tardiness, scheduling, completion-time, machine, job, release-date, cmax, constraint programming, Benders Decomposition, Logic-Based Benders Decomposition, stochastic, setup-time, CP, make-span, explanation, single-machine scheduling, constraint logic programming, resource, precedence	PMSP, single machine, parallel machine	cycle, circuit		SCIP, Gurobi, Cplex	aircraft		benchmark	simulated annealing, meta heuristic, ant colony, genetic algorithm, column generation	1062	n/a
TranB12 [782]	6	setup-time, constraint programming, due-date, release-date, scheduling, CP, Logic-Based Benders Decomposition, tardiness, completion-time, Benders Decomposition, resource, make-span, single-machine scheduling, sequence dependent setup, job, order, machine, distributed, precedence, cmax	PMSP, single machine, parallel machine	circuit, cycle	C++	Cplex			benchmark	column generation, meta heuristic, simulated annealing, ant colony	194	n/a

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
Hooker04 [401]	12	constraint satisfaction, machine, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, distributed, resource, precedence, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	308	n/a
Hooker07 [407]	29	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance, generated instance	MINLP, edge-finding	1168	n/a
Hooker06 [405]	19	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, CP, make-span, constraint logic programming, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance	MINLP	1174	1659
Hooker07 [407]	29	constraint satisfaction, machine, job, task, release-date, constraint programming, Logic-Based Benders Decomposition, inventory, activity, CP, make-span, constraint logic programming, distributed, resource, precedence, due-date, order, tardiness, scheduling, Benders Decomposition		disjunctive, cumulative, circuit		OPL, Ilog Scheduler, Cplex			random instance, generated instance	MINLP, edge-finding	1168	n/a
LacknerMMWW21 [486]	18	flow-shop, CP, scheduling, machine, lateness, batch process, constraint programming, release-date, job, order, tardiness, earliness, setup-time, due-date, make-span, task	single machine, parallel machine, OSP	cumulative, endBeforeStart, noOverlap, Element constraint		Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	semiconductor oven scheduling	manufacturing industry, electronics industry, steel industry	random instance, supplementary material, benchmark, instance generator, real-life, industrial partner	ant colony, GRASP, simulated annealing, large neighborhood search, particle swarm, meta heuristic, genetic algorithm	48	844

Table 112: Automatically Extracted Properties (Requires Local Copy)

Work	Pages	Concepts	Classification	Constraints	Prog Languages	CP Systems	Areas	Industries	Benchmarks	Algorithm	a	c
LacknerMMWW23 [487]	42	explanation, CP, scheduling, machine, lateness, constraint optimization, batch process, job-shop, constraint programming, release-date, job, order, tardiness, earliness, setup-time, Pareto, due-date, multi-objective, make-span, task	single machine, parallel machine, OSP	disjunctive, bin-packing, alternative constraint, cumulative, endBeforeStart, noOverlap, Element constraint		Chuffed, Cplex, Gurobi, OPL, CPO, MiniZinc, OR-Tools	semiconductor oven scheduling	manufacturing industry, electronics industry, steel industry	zenodo, random instance, benchmark, instance generator, real-life, industrial partner	ant colony, GRASP, simulated annealing, large neighborhood search, time-tabling, particle swarm, meta heuristic, genetic algorithm	909	1589

H 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 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1016/j.ejor.2015.11.020 (bib)	journal-article	Analysis of a parallel machine scheduling problem with sequence dependent setup times and job availability intervals	18	9	9	38	41
10.1287/mnsc.42.6.797 (bib)	journal-article	A Fast Taboo Search Algorithm for the Job Shop Problem	15	0	15	0	633
10.1016/0004-3702(80)90051-x (bib)	journal-article	Increasing tree search efficiency for constraint satisfaction problems	15	0	15	17	638
10.1080/0740817x.2012.705452 (bib)	journal-article	Solving a stochastic facility location/fleet management problem with logic-based Benders' decomposition	15	6	9	34	20
10.1007/3-540-61310-2 29 (bib)	book-chapter	A new approach to computing optimal schedules for the job-shop scheduling problem	15	0	15	22	82
10.1007/978-3-540-24664-0 9 (bib)	book-chapter	Generating Benders Cuts for a General Class of Integer Programming Problems	14	3	11	12	33
10.1016/j.ejor.2019.10.014 (bib)	journal-article	Branch-Relax-and-Check: A tractable decomposition method for order acceptance and identical parallel machine scheduling	14	8	6	38	34
10.1016/j.compchemeng.2005.09.011 (bib)	journal-article	A decomposition framework for the scheduling of single- and multi-stage processes	14	8	6	30	82
10.1007/bf01539706 (bib)	journal-article	A branch amp; bound method for the general-shop problem with sequence dependent setup-times	13	0	13	15	73
10.1021/ie060449m (bib)	journal-article	Two New Continuous-Time Models for the Scheduling of Multistage Batch Plants with Sequence Dependent Changeovers	13	6	7	27	74
10.1016/j.apm.2009.09.002 (bib)	journal-article	Mathematical models for job-shop scheduling problems with routing and process plan flexibility	13	2	11	38	206
10.1016/j.omega.2019.03.001 (bib)	journal-article	Reformulation, linearization, and decomposition techniques for balanced distributed operating room scheduling	13	9	4	53	24
10.1016/j.compchemeng.2006.02.008 (bib)	journal-article	State-of-the-art review of optimization methods for short-term scheduling of batch processes	13	5	8	116	642
10.1002/9780470611227.biblio (bib)	other	Bibliography	13	13	0	334	0
10.1007/s10845-007-0026-8 (bib)	journal-article	Mathematical modeling and heuristic approaches to flexible job shop scheduling problems	12	0	12	16	249
10.1016/s0167-5060(08)70743-x (bib)	book-chapter	Complexity of Machine Scheduling Problems	12	0	12	51	1358
10.1016/j.omega.2015.02.001 (bib)	journal-article	Logic-based Benders decomposition for an inventory-location problem with service constraints	12	6	6	23	46
10.1016/s0377-2217(97)00442-6 (bib)	journal-article	Computing lower bounds by destructive improvement: An application to resource-constrained project scheduling	12	0	12	23	86
10.1287/opre.1060.0286 (bib)	journal-article	Combinatorial Benders' Cuts for Mixed-Integer Linear Programming	12	6	6	27	272
10.1016/j.cie.2009.02.012 (bib)	journal-article	A planning and scheduling problem for an operating theatre using an open scheduling strategy	11	0	11	40	181
10.1287/mnsc.49.3.330.12737 (bib)	journal-article	Solving Project Scheduling Problems by Minimum Cut Computations	11	2	9	55	135
10.1016/j.omega.2019.01.003 (bib)	journal-article	Decomposition algorithms for the integrated process planning and scheduling problem	11	2	9	60	41
10.1016/j.ejor.2017.01.004 (bib)	journal-article	Changeover formulations for discrete-time mixed-integer programming scheduling models	11	9	2	38	21
10.1287/mnsc.38.12.1803 (bib)	journal-article	A Branch-and-Bound Procedure for the Multiple Resource-Constrained Project Scheduling Problem	11	0	11	0	387
10.1007/s10951-005-6364-5 (bib)	journal-article	An Advanced Tabu Search Algorithm for the Job Shop Problem	11	2	9	32	214
10.1016/j.cie.2012.03.018 (bib)	journal-article	Parallel machine scheduling with flexible resources	11	3	8	20	38
10.1016/j.cor.2009.12.011 (bib)	journal-article	Event-based MILP models for resource-constrained project scheduling problems	10	3	7	40	132
10.1145/378239.379017 (bib)	proceedings-article	Chaff	10	0	10	0	1245
10.1007/s10479-010-0693-2 (bib)	journal-article	A Boolean satisfiability approach to the resource-constrained project scheduling problem	10	4	6	46	26
10.1007/s10766-007-0032-7 (bib)	journal-article	A Fast and Accurate Technique for Mapping Parallel Applications on Stream-Oriented MPSoC Platforms with Communication Awareness	10	6	4	37	27
10.1016/j.ijpe.2004.12.006 (bib)	journal-article	Operating rooms scheduling	10	0	10	22	245
10.1016/j.compchemeng.2009.06.007 (bib)	journal-article	Integration of production planning and scheduling: Overview, challenges and opportunities	10	8	2	106	273
10.1007/s00291-011-0279-7 (bib)	journal-article	An integer programming approach to elective surgery scheduling	10	0	10	32	102

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1287/opre.40.1.113 (bib)	journal-article	Job Shop Scheduling by Simulated Annealing	10	0	10	0	742
10.1287/mnsc.41.10.1693 (bib)	journal-article	Characterization and Generation of a General Class of Resource-Constrained Project Scheduling Problems	10	0	10	0	436
10.1016/s0377-2217(97)00335-4 (bib)	journal-article	A branch and bound algorithm for the resource-constrained project scheduling problem	10	0	10	25	193
10.1287/opre.8.2.219 (bib)	journal-article	On the Job-Shop Scheduling Problem	10	0	10	0	425
10.1007/978-3-540-30201-8 47 (bib)	book-chapter	A Constraint for Bin Packing	10	0	10	17	52
10.1007/s10729-010-9143-6 (bib)	journal-article	Operational research in the management of the operating theatre: a survey	10	0	10	129	347
10.1145/41625.41635 (bib)	proceedings-article	Constraint logic programming	10	0	10	0	712
10.1145/79204.79210 (bib)	journal-article	An introduction to Prolog III	10	0	10	25	292
10.1016/j.ejor.2012.09.010 (bib)	journal-article	A dual bin-packing approach to scheduling surgical cases at a publicly-funded hospital	10	0	10	19	90
10.1016/j.ejor.2006.03.059 (bib)	journal-article	Surgical case scheduling as a generalized job shop scheduling problem	10	1	9	41	236
10.1287/ijoc.1100.0396 (bib)	journal-article	Operating Room Pooling and Parallel Surgery Processing Under Uncertainty	9	0	9	45	159
10.1016/s0098-1354(01)00729-3 (bib)	journal-article	A decomposition approach for the scheduling of a steel plant production	9	1	8	23	164
10.1145/321978.321985 (bib)	journal-article	Open Shop Scheduling to Minimize Finish Time	9	0	9	7	490
10.1016/j.ejor.2009.04.011 (bib)	journal-article	Operating room planning and scheduling: A literature review	9	0	9	124	748
10.1287/opre.1090.0791 (bib)	journal-article	Optimal Allocation of Surgery Blocks to Operating Rooms Under Uncertainty	9	0	9	36	256
10.1016/j.omega.2018.08.006 (bib)	journal-article	A Logic-based Decomposition Approach for Multi-Period Network Interdiction Models	9	5	4	27	14
10.1287/ijoc.2020.1015 (bib)	journal-article	Solving the Type-2 Assembly Line Balancing with Setups Using Logic-Based Benders Decomposition	9	8	1	53	12
10.1016/s0377-2217(02)00763-4 (bib)	journal-article	On linear lower bounds for the resource constrained project scheduling problem	9	3	6	27	34
10.1007/bf02023076 (bib)	journal-article	Applying tabu search to the job-shop scheduling problem	9	0	9	19	383
10.1007/bf02023073 (bib)	journal-article	Routing and scheduling in a flexible job shop by tabu search	9	0	9	45	734
10.1111/poms.12584 (bib)	journal-article	Scheduling Methods for Efficient Stamping Operations at an Automotive Company	9	7	2	35	9
10.1145/182.358434 (bib)	journal-article	Maintaining knowledge about temporal intervals	9	0	9	18	4512
10.1287/mnsc.38.10.1495 (bib)	journal-article	New Search Spaces for Sequencing Problems with Application to Job Shop Scheduling	9	0	9	0	365
10.1108/aa-12-2018-0262 (bib)	journal-article	A constraint programming approach to type-2 assembly line balancing problem with assignment restrictions	9	4	5	68	18
10.1287/ijoc.2021.1113 (bib)	journal-article	Novel Formulations and Logic-Based Benders Decomposition for the Integrated Parallel Machine Scheduling and Location Problem	9	7	2	55	16
10.1016/j.ejor.2010.03.037 (bib)	journal-article	Project scheduling with finite or infinite number of activity processing modes – A survey	9	3	6	217	195
10.1002/nav.3800060205 (bib)	journal-article	An integer linear-programming model for machine scheduling	9	0	9	14	257
10.1007/978-3-540-30201-8 36 (bib)	book-chapter	A Regular Language Membership Constraint for Finite Sequences of Variables	9	0	9	15	132
10.1016/0098-1354(95)00219-7 (bib)	journal-article	Logic-based MINLP algorithms for the optimal synthesis of process networks	9	0	9	24	251
10.1007/978-3-642-23786-7 8 (bib)	book-chapter	Optimal Carpet Cutting	9	5	4	22	11
10.1016/j.ejor.2006.06.060 (bib)	journal-article	A survey of scheduling problems with setup times or costs	9	0	9	310	946
10.1016/j.ejor.2006.06.078 (bib)	journal-article	A branch-and-check algorithm for minimizing the weighted number of late jobs on a single machine with release dates	9	5	4	28	18
10.1007/bf01721162 (bib)	journal-article	A survey of priority rule-based scheduling	9	0	9	137	347
10.1016/j.compchemeng.2015.03.020 (bib)	journal-article	Multi-bucket optimization for integrated planning and scheduling in the perishable dairy supply chain	9	8	1	50	54
10.1016/0166-218x(94)90204-6 (bib)	journal-article	A branch and bound algorithm for the job-shop scheduling problem	9	0	9	17	296
10.1016/s0166-218x(96)00116-3 (bib)	journal-article	A branch amp; bound algorithm for the open-shop problem	9	0	9	16	103
10.1287/opre.7.5.621 (bib)	journal-article	The Schedule-Sequencing Problem	9	0	9	0	200
10.1017/9781316650998.016 (bib)	book-part	Special Topics	9	9	0	145	0
10.1016/j.dajour.2023.100248 (bib)	journal-article	A new cumulative scheduling model using effective continuous-time formulation and dominance rules for optimality	9	9	0	41	0
10.1007/s00500-019-04294-8 (bib)	journal-article	Constraint programming model for resource-constrained assembly line balancing problem	8	4	4	23	17
10.1016/0020-0255(74)90008-5 (bib)	journal-article	Networks of constraints: Fundamental properties and applications to picture processing	8	0	8	14	753
10.1007/11754602 10 (bib)	book-chapter	A Hybrid Benders' Decomposition Method for Solving Stochastic Constraint Programs with Linear Recourse	8	5	3	17	9
10.1002/net.3230130102 (bib)	journal-article	Preselective strategies for the optimization of stochastic project networks under resource constraints	8	0	8	35	107
10.1016/j.ejor.2004.04.002 (bib)	journal-article	Project scheduling under uncertainty: Survey and research potentials	8	2	6	92	631
10.1287/ijoc.1060.0181 (bib)	journal-article	Using Decomposition Techniques and Constraint Programming for Solving the Two-Dimensional Bin-Packing Problem	8	2	6	36	126

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/978-3-540-85958-1 4 (bib)	book-chapter	Search Strategies for Rectangle Packing	8	4	4	16	24
10.1016/j.compchemeng.2007.03.019 (bib)	journal-article	Improving unit-specific event based continuous-time approaches for batch processes: Integrality gap and task splitting	8	7	1	65	71
10.1007/11889205 23 (bib)	book-chapter	Stochastic Allocation and Scheduling for Conditional Task Graphs in MPSoCs	8	5	3	21	9
10.1016/j.apm.2012.03.020 (bib)	journal-article	Evaluation of mathematical models for flexible job-shop scheduling problems	8	0	8	37	136
10.1016/j.ejor.2021.03.026 (bib)	journal-article	Four decades of research on the open-shop scheduling problem to minimize the makespan	8	4	4	299	43
10.1002/nav.3800010110 (bib)	journal-article	Optimal two- and three-stage production schedules with setup times included	8	0	8	2	2229
10.1007/978-3-540-24664-0 24 (bib)	book-chapter	Problem Decomposition for Traffic Diversions	8	4	4	9	8
10.1016/0004-3702(92)90006-j (bib)	journal-article	Constraint satisfaction using constraint logic programming	8	1	7	79	97
10.1007/978-3-540-48085-3 27 (bib)	book-chapter	Tight Cooperation and Its Application in Piecewise Linear Optimization	8	2	6	24	20
10.1146/annurev-chembioeng-060713-035859 (bib)	journal-article	Advances in Mixed-Integer Programming Methods for Chemical Production Scheduling	8	7	1	121	30
10.1017/s0269888900001089 (bib)	journal-article	Bridging the gap between planning and scheduling	8	0	8	0	91
10.1007/978-3-642-04244-7 28 (bib)	book-chapter	Solving a Location-Allocation Problem with Logic-Based Benders' Decomposition	8	2	6	7	14
10.1016/0098-1354(93)e0010-7 (bib)	journal-article	Modelling and computational techniques for logic based integer programming	8	0	8	22	416
10.1002/jos.91 (bib)	journal-article	Heuristics for scheduling with inventory: dynamic focus via constraint criticality	8	6	2	31	8
10.1016/j.compchemeng.2018.03.004 (bib)	journal-article	Satisfiability modulo theories for process systems engineering	8	7	1	94	11
10.1016/j.cor.2015.06.002 (bib)	journal-article	Operating room scheduling with Generalized Disjunctive Programming	8	2	6	34	31
10.1145/1452044.1452046 (bib)	journal-article	Efficient constraint propagation engines	8	1	7	40	70
10.1016/j.dam.2003.09.009 (bib)	journal-article	Jackson's pseudo-preemptive schedule and cumulative scheduling problems	8	1	7	25	16
10.1016/s0377-2217(99)00488-9 (bib)	journal-article	Using intelligent backtracking to improve branch-and-bound methods: An application to Open-Shop problems	8	0	8	19	35
10.1287/mnsc.44.2.262 (bib)	journal-article	Guided Local Search with Shifting Bottleneck for Job Shop Scheduling	8	0	8	27	253
10.1007/s43069-022-00134-y (bib)	journal-article	Current Trends in Operating Room Scheduling 2015 to 2020: a Literature Review	8	7	1	264	4
10.1287/opre.46.3.316 (bib)	journal-article	Branch-and-Price: Column Generation for Solving Huge Integer Programs	8	0	8	44	1347
10.1016/j.sorms.2014.09.001 (bib)	journal-article	Queueing-theoretic approaches for dynamic scheduling: A survey	8	8	0	279	6
10.1007/s00170-011-3454-8 (bib)	journal-article	Solution approaches for a real-life resource-constrained parallel machine scheduling problem	8	8	0	45	30
10.1007/978-3-642-35852-4 1 (bib)	book-chapter	A Collaborative Framework between a Scheduling System and a Holonic Manufacturing Execution System	8	8	0	33	12
10.1016/j.trb.2022.06.004 (bib)	journal-article	Joint berth allocation and ship loader scheduling under the rotary loading mode in coal export terminals	8	8	0	65	5
10.1016/j.eswa.2022.117292 (bib)	journal-article	Formulation and exact algorithms for electric vehicle production routing problem	8	8	0	87	4
10.2139/ssrn.912231 (bib)	journal-article	A Branch-and-Check Algorithm for Minimizing the Sum of the Weights of the Late Jobs on a Single Machine with Release Dates	8	8	0	27	0
10.1021/ie061569x (bib)	journal-article	Constraint Programming Based Robust Sensor Network Design	8	8	0	39	14
10.1016/j.ejor.2009.09.024 (bib)	journal-article	The hybrid flow shop scheduling problem	7	0	7	225	573
10.1080/08839514.2020.1731782 (bib)	journal-article	Problem Specific Variable Selection Rules for Constraint Programming: A Type II Mixed Model Assembly Line Balancing Problem Case	7	4	3	49	12
10.1016/j.jmsy.2022.04.018 (bib)	journal-article	Workforce planning and production scheduling in a reconfigurable manufacturing system facing the COVID-19 pandemic	7	5	2	49	15
10.1016/j.cor.2017.11.011 (bib)	journal-article	Large neighborhood search with constraint programming for a vehicle routing problem with synchronization constraints	7	0	7	22	42
10.1007/978-1-4615-1043-7 1 (bib)	book-chapter	A Framework for Integrating Solution Methods	7	5	2	31	4
10.1007/s11831-020-09432-2 (bib)	journal-article	A Comprehensive Review and Analysis of Operating Room and Surgery Scheduling	7	6	1	182	35
10.1287/mnsc.42.9.1229 (bib)	journal-article	Mixed 0-1 Programming by Lift-and-Project in a Branch-and-Cut Framework	7	0	7	0	168
10.1007/3-540-58601-6 111 (bib)	book-chapter	Logic-based methods for optimization	7	0	7	12	39
10.1145/322290.322292 (bib)	journal-article	A Sufficient Condition for Backtrack-Free Search	7	0	7	16	384
10.1287/mnsc.47.8.1113.10226 (bib)	journal-article	On Maximizing the Net Present Value of a Project Under Renewable Resource Constraints	7	0	7	20	77
10.1016/j.ejor.2012.11.029 (bib)	journal-article	Personnel scheduling: A literature review	7	0	7	306	527
10.1016/j.ejor.2017.01.002 (bib)	journal-article	Models and matheuristics for the unrelated parallel machine scheduling problem with additional resources	7	2	5	34	107
10.1016/j.ejor.2021.06.012 (bib)	journal-article	A survey of scheduling with parallel batch (p-batch) processing	7	6	1	309	61
10.1016/0377-2217(87)90240-2 (bib)	journal-article	Project scheduling with resource constraints: A branch and bound approach	7	0	7	15	256

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/bf01719451 (bib)	journal-article	Tabu search for the job-shop scheduling problem with multi-purpose machines	7	0	7	24	300
10.1021/ie050730l (bib)	journal-article	New Continuous-Time MILP Model for the Short-Term Scheduling of Multistage Batch Plants	7	3	4	19	81
10.1007/s00500-021-05921-z (bib)	journal-article	New chance-constrained models for U-type stochastic assembly line balancing problem	7	6	1	42	10
10.1287/opre.2013.1221 (bib)	journal-article	Multivalued Decision Diagrams for Sequencing Problems	7	4	3	28	65
10.1007/978-3-540-30201-8 41 (bib)	book-chapter	Impact-Based Search Strategies for Constraint Programming	7	0	7	15	120
10.1007/978-3-540-48085-3 28 (bib)	book-chapter	Arc Consistency for Global Cardinality Constraints with Costs	7	1	6	12	27
10.1023/b:josh.0000046076.75950.0b (bib)	journal-article	The State of the Art of Nurse Rostering	7	0	7	0	621
10.1016/j.ejor.2013.02.042 (bib)	journal-article	Parallel machine scheduling with additional resources: Notation, classification, models and solution methods	7	2	5	64	115
10.1002/jos.73 (bib)	journal-article	Solving the open shop scheduling problem	7	1	6	29	54
10.1007/s13218-011-0161-4 (bib)	journal-article	firstCS—New Aspects on Combining Constraint Programming with Object-Orientation in Java	7	6	1	19	2
10.1007/bf02085636 (bib)	journal-article	The job-shop problem and immediate selection	7	0	7	10	35
10.1109/12.769433 (bib)	journal-article	GRASP: a search algorithm for propositional satisfiability	7	0	7	39	831
10.1016/s0377-2217(99)00485-3 (bib)	journal-article	Experimental evaluation of state-of-the-art heuristics for the resource-constrained project scheduling problem	7	0	7	39	334
10.1287/trsc.1030.0078 (bib)	journal-article	Hybrid Column Generation Approaches for Urban Transit Crew Management Problems	7	1	6	31	42
10.1007/978-3-030-19212-9 9 (bib)	book-chapter	A Constraint Programming Approach to Electric Vehicle Routing with Time Windows	7	6	1	31	8
10.1145/2838733 (bib)	journal-article	A Logic-Based Benders Decomposition Approach for Mapping Applications on Heterogeneous Multicore Platforms	7	6	1	38	15
10.1016/s0167-5060(08)70821-5 (bib)	book-chapter	Computational Complexity of Discrete Optimization Problems	7	0	7	57	197
10.1016/j.cor.2006.02.024 (bib)	journal-article	A very fast TS/SA algorithm for the job shop scheduling problem	7	2	5	33	174
10.1007/s10951-013-0354-9 (bib)	journal-article	A preemptive bound for the Resource Constrained Project Scheduling Problem	7	6	1	27	7
10.1287/mnsc.43.11.1485 (bib)	journal-article	New Benchmark Results for the Resource-Constrained Project Scheduling Problem	7	0	7	0	161
10.1016/j.cor.2018.03.008 (bib)	journal-article	Solving a selective dial-a-ride problem with logic-based Benders decomposition	7	3	4	45	23
10.1007/978-3-319-66158-2 8 (bib)	book-chapter	Arc Consistency via Linear Programming	7	6	1	26	1
10.1080/095281399146607 (bib)	journal-article	Handling contingency in temporal constraint networks: from consistency to controllabilities	7	0	7	35	105
10.1016/j.ejor.2005.10.063 (bib)	journal-article	A Benders approach for the constrained minimum break problem	7	2	5	27	62
10.1017/9781316650998.017 (bib)	book-chapter	Solution Methods: Sequential Environments	7	7	0	24	0
10.1007/978-3-319-44953-1 35 (bib)	book-chapter	Optimal Performance Tuning in Real-Time Systems Using Multi-objective Constrained Optimization	7	7	0	43	2
10.1007/978-3-540-32220-7 10 (bib)	book-chapter	Scheduling in Job Shops	7	7	0	143	0
10.1007/978-981-15-1918-5 7 (bib)	book-chapter	Genetic Algorithms for Creating Large Job Shop Dispatching Rules	7	7	0	34	1
10.1016/j.ejor.2022.05.033 (bib)	journal-article	Order assignment and scheduling under processing and distribution time uncertainty	7	7	0	54	6
10.1080/00207543.2023.2226772 (bib)	journal-article	A constraint programming approach to a real-world workforce scheduling problem for multi-manned assembly lines with sequence-dependent setup times	7	7	0	46	3
10.1002/9781118033036.refs (bib)	other	References	7	7	0	253	0
10.1007/978-3-319-05443-8 27 (bib)	book-chapter	Benders Decomposition Approach for Project Scheduling with Multi-Purpose Resources	7	7	0	32	3
10.1287/ijoc.2023.1280 (bib)	journal-article	Network Migration Problem: A Hybrid Logic-Based Benders Decomposition Approach	7	7	0	29	0
10.1007/s43069-023-00242-3 (bib)	journal-article	Computational Evaluation of Cut-Strengthening Techniques in Logic-Based Benders' Decomposition	7	7	0	23	1
10.1016/j.cor.2021.105332 (bib)	journal-article	Optimization of the integrated problem of employee timetabling and job shop scheduling	7	7	0	86	6
10.1016/j.compchemeng.2003.11.006 (bib)	journal-article	Part II. Future perspective on optimization	7	7	0	161	144
10.1007/978-3-319-93031-2 40 (bib)	book-chapter	Revisiting the Self-adaptive Large Neighborhood Search	7	7	0	34	4
10.1109/mis.2005.25 (bib)	journal-article	Constraints and AI Planning	6	4	2	68	42
10.1007/978-1-4419-8917-8 (bib)	book	Constraint and Integer Programming	6	0	6	0	27
10.1016/s0377-2217(97)00305-6 (bib)	journal-article	A branch-and-bound procedure for the resource-constrained project scheduling problem with generalized precedence relations	6	0	6	41	98
10.1007/s10479-008-0413-3 (bib)	journal-article	Solving a tactical operating room planning problem by a column-generation-based heuristic procedure with four criteria	6	0	6	19	103
10.1016/j.cie.2018.09.030 (bib)	journal-article	Uncertainty in advance scheduling problem in operating room planning	6	3	3	50	32

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/s10479-005-3968-2 (bib)	journal-article	Integer-Programming Software Systems	6	3	3	60	146
10.1016/j.ejor.2011.01.011 (bib)	journal-article	A genetic algorithm for the unrelated parallel machine scheduling problem with sequence dependent setup times	6	0	6	32	276
10.1080/00207543.2016.1177236 (bib)	journal-article	Variability modelling and balancing of stochastic assembly lines	6	3	3	52	21
10.1007/bf02430364 (bib)	journal-article	Testing heuristics: We have it all wrong	6	0	6	16	250
10.1016/j.ejor.2021.08.047 (bib)	journal-article	Exact optimization and decomposition approaches for shelf space allocation	6	3	3	57	9
10.1016/j.cor.2005.01.013 (bib)	journal-article	Sweep synchronization as a global propagation mechanism	6	1	5	11	8
10.1145/359642.359654 (bib)	journal-article	Synthesizing constraint expressions	6	0	6	24	295
10.1287/mnsc.41.1.94 (bib)	journal-article	The One-Machine Problem with Delayed Precedence Constraints and its Use in Job Shop Scheduling	6	0	6	0	109
10.1016/j.ejor.2022.02.043 (bib)	journal-article	A logic-based Benders decomposition for microscopic railway timetable planning	6	5	1	34	12
10.1007/978-3-540-24800-2 (bib)	book	Project Scheduling with Time Windows and Scarce Resources	6	0	6	0	170
10.1007/978-3-540-24662-6 12 (bib)	book-chapter	Reduce-To-The-Opt – A Specialized Search Algorithm for Contiguous Task Scheduling	6	4	2	16	3
10.1126/science.220.4598.671 (bib)	journal-article	Optimization by Simulated Annealing	6	0	6	32	29914
10.1287/mnsc.44.5.714 (bib)	journal-article	An Exact Algorithm for the Resource-Constrained Project Scheduling Problem Based on a New Mathematical Formulation	6	0	6	29	238
10.1007/s10845-020-01537-6 (bib)	journal-article	Transfer-robot task scheduling in flexible job shop	6	4	2	33	34
10.1016/s0098-1354(01)00671-8 (bib)	journal-article	An MILP continuous-time approach to short-term scheduling of resource-constrained multistage flowshop batch facilities	6	1	5	14	172
10.1016/j.ejor.2021.06.017 (bib)	journal-article	Logic-based Benders decomposition method for the seru scheduling problem with sequence-dependent setup time and DeJong's learning effect	6	5	1	70	38
10.1016/j.cor.2016.09.009 (bib)	journal-article	Logic based Benders' decomposition for orthogonal stock cutting problems	6	4	2	50	43
10.1007/978-1-4419-8917-8 1 (bib)	book-chapter	Constraint and Integer Programming	6	4	2	40	5
10.1287/opre.25.1.45 (bib)	journal-article	A Survey of Scheduling Rules	6	0	6	0	864
10.1057/jors.1990.166 (bib)	journal-article	OR-Library: Distributing Test Problems by Electronic Mail	6	0	6	0	1115
10.1287/opre.24.4.774 (bib)	journal-article	Technical Note—Finding Some Essential Characteristics of the Feasible Solutions for a Scheduling Problem	6	0	6	0	50
10.1007/s10107-004-0518-7 (bib)	journal-article	Exploring relaxation induced neighborhoods to improve MIP solutions	6	3	3	35	338
10.1177/0142331208100099 (bib)	journal-article	Incremental propagation rules for a precedence graph with optional activities and time windows	6	4	2	15	5
10.1016/j.asoc.2021.108233 (bib)	journal-article	Collaborative scheduling of operating room in hospital network: Multi-objective learning variable neighborhood search	6	5	1	49	8
10.1287/trsc.32.1.12 (bib)	journal-article	An Exact Constraint Logic Programming Algorithm for the Traveling Salesman Problem with Time Windows	6	0	6	25	96
10.1007/978-3-540-24664-0 26 (bib)	book-chapter	Dispatching and Conflict-Free Routing of Automated Guided Vehicles: A Hybrid Approach Combining Constraint Programming and Mixed Integer Programming	6	0	6	4	11
10.1002/net.21736 (bib)	journal-article	Full-load route planning for balancing bike sharing systems by logic-based benders decomposition	6	4	2	50	25
10.1287/mnsc.46.10.1365.12272 (bib)	journal-article	A Time-Oriented Branch-and-Bound Algorithm for Resource-Constrained Project Scheduling with Generalised Precedence Constraints	6	3	3	28	80
10.1111/itor.12199 (bib)	journal-article	A research survey: review of flexible job shop scheduling techniques	6	0	6	212	285
10.1007/3-540-45578-7 14 (bib)	book-chapter	Network Flow Problems in Constraint Programming	6	4	2	17	9
10.1287/mnsc.16.5.357 (bib)	journal-article	Cash Flows in Networks	6	0	6	0	155
10.1016/s0305-0548(97)00031-2 (bib)	journal-article	Variable neighborhood search	6	0	6	10	2874
10.1007/978-3-319-26580-3 (bib)	book	Scheduling	6	0	6	0	299
10.1016/j.cor.2008.11.012 (bib)	journal-article	Sequencing surgical cases in a day-care environment: An exact branch-and-price approach	6	0	6	28	117
10.1016/s0377-2217(99)00494-4 (bib)	journal-article	A new LP-based lower bound for the cumulative scheduling problem	6	2	4	16	17
10.1016/0004-3702(86)90083-4 (bib)	journal-article	Arc and path consistency revisited	6	0	6	8	348
10.1016/s0377-2217(01)00338-1 (bib)	journal-article	Job-shop scheduling with blocking and no-wait constraints	6	0	6	40	323
10.1287/opre.2013.1248 (bib)	journal-article	Combinatorial Benders' Cuts for the Strip Packing Problem	6	4	2	41	74
10.1007/978-3-642-23786-7 23 (bib)	book-chapter	Half Reification and Flattening	6	2	4	17	15
10.1016/0167-6377(93)90002-x (bib)	journal-article	The integer L-shaped method for stochastic integer programs with complete recourse	6	0	6	16	488
10.1007/978-3-540-48085-3 19 (bib)	book-chapter	A Framework for Constraint Programming Based Column Generation	6	2	4	15	37
10.1016/j.cie.2009.01.005 (bib)	journal-article	Scheduling an operating theatre under human resource constraints	6	0	6	19	107
10.1080/09537287.2010.543563 (bib)	journal-article	Advanced planning and scheduling technology	6	5	1	27	30

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1002/nav.20482 (bib)	journal-article	Benders' cuts guided large neighborhood search for the traveling umpire problem	6	4	2	26	14
10.1287/ijoc.1080.0307 (bib)	journal-article	A Constraint Programming Approach for Solving a Queueing Design and Control Problem	6	3	3	21	12
10.1016/s0925-5273(03)00087-2 (bib)	journal-article	Operating theatre planning	6	0	6	21	208
10.1287/opre.8.4.487 (bib)	journal-article	Algorithms for Solving Production-Scheduling Problems	6	0	6	0	510
10.1016/j.cor.2007.02.019 (bib)	journal-article	A new particle swarm optimization for the open shop scheduling problem	6	0	6	27	122
10.1109/samos.2016.7818373 (bib)	proceedings-article	A hybrid approach for mapping and scheduling on heterogeneous multicore systems	6	5	1	20	3
10.1016/j.cor.2010.08.012 (bib)	journal-article	A bilevel decomposition algorithm for simultaneous production scheduling and conflict-free routing for automated guided vehicles	6	5	1	26	89
10.1287/mnsc.20.5.822 (bib)	journal-article	Multicommodity Distribution System Design by Benders Decomposition	6	0	6	0	788
10.1016/0098-1354(93)80015-f (bib)	journal-article	A general algorithm for short-term scheduling of batch operations—I. MILP formulation	6	0	6	16	959
10.1007/11493853 20 (bib)	book-chapter	Combining Arc-Consistency and Dual Lagrangean Relaxation for Filtering CSPs	6	5	1	20	8
10.1007/11493853 17 (bib)	book-chapter	Improving the Cooperation Between the Master Problem and the Subproblem in Constraint Programming Based Column Generation	6	1	5	19	11
10.1007/11493853 12 (bib)	book-chapter	Constraint Programming Based Column Generation for Employee Timetabling	6	1	5	12	20
10.1021/ie970927g (bib)	journal-article	Effective Continuous-Time Formulation for Short-Term Scheduling. 1. Multipurpose Batch Processes	6	0	6	14	422
10.1080/0305215x.2021.1921171 (bib)	journal-article	New mathematical and constraint programming models for U-type assembly line balancing problems with assignment restrictions	6	4	2	50	6
10.1016/j.cor.2008.08.013 (bib)	journal-article	Solving an integrated employee timetabling and job-shop scheduling problem via hybrid branch-and-bound	6	3	3	30	39
10.1021/ie00048a015 (bib)	journal-article	A Continuous Time Mixed Integer Linear Programming Model for Short Term Scheduling of Multistage Batch Plants	6	0	6	0	249
10.1201/9780203489802 (bib)	book	Handbook of Scheduling	6	0	6	0	226
10.1007/3-540-45349-0 6 (bib)	book-chapter	Global Constraints as Graph Properties on a Structured Network of Elementary Constraints of the Same Type	6	3	3	17	45
10.1007/s10601-006-9003-7 (bib)	journal-article	A Cost-Regular Based Hybrid Column Generation Approach	6	0	6	27	71
10.1007/978-3-642-19754-3 23 (bib)	book-chapter	An Approximative Criterion for the Potential of Energetic Reasoning	6	2	4	8	6
10.1007/s10878-018-0322-6 (bib)	journal-article	Operating room planning and surgical case scheduling: a review of literature	6	4	2	236	119
10.1007/978-3-319-93031-2 28 (bib)	book-chapter	Objective Landscapes for Constraint Programming	6	4	2	14	2
10.1016/j.compchemeng.2005.12.014 (bib)	journal-article	An efficient MILP model for the short-term scheduling of single stage batch plants	6	4	2	26	49
10.1016/s0377-2217(02)00136-4 (bib)	journal-article	A branch-and-bound procedure for the multi-mode resource-constrained project scheduling problem with minimum and maximum time lags	6	0	6	26	85
10.1007/978-3-540-74970-7 15 (bib)	book-chapter	A Generic Geometrical Constraint Kernel in Space and Time for Handling Polymorphic k-Dimensional Objects	6	3	3	12	22
10.1016/0004-3702(87)90002-6 (bib)	journal-article	Network-based heuristics for constraint-satisfaction problems	6	0	6	38	384
10.1016/j.ejor.2015.01.032 (bib)	journal-article	An object-coding genetic algorithm for integrated process planning and scheduling	6	0	6	48	81
10.1016/j.apm.2016.01.006 (bib)	journal-article	Parallel machine scheduling with tool loading	6	4	2	30	30
10.1007/s10951-010-0222-9 (bib)	journal-article	A survey of problems, solution techniques, and future challenges in scheduling semiconductor manufacturing operations	6	0	6	120	297
10.1007/3-540-45628-7 19 (bib)	book-chapter	Constraint Logic Programming	6	6	0	84	8
10.1007/978-3-030-78230-6 3 (bib)	book-chapter	Strengthening of Feasibility Cuts in Logic-Based Benders Decomposition	6	6	0	20	2
10.1016/j.ces.2015.05.021 (bib)	journal-article	On the solution of large-scale mixed integer programming scheduling models	6	6	0	76	20
10.3390/pr5040069 (bib)	journal-article	A General State-Space Formulation for Online Scheduling	6	6	0	83	25
10.1007/978-3-319-98977-8 8 (bib)	book-chapter	The Four-Level Model of Planning and Decision Making	6	6	0	151	9
10.1007/0-387-32942-0 3 (bib)	book-chapter	Logic-Based Modeling	6	6	0	40	0
10.1016/j.cor.2022.105916 (bib)	journal-article	Logic-based Benders decomposition with a partial assignment acceleration technique for avionics scheduling	6	6	0	42	5
10.1007/978-3-642-14309-0 4 (bib)	book-chapter	Constraint Logic Programming	6	6	0	141	7
10.1002/aic.11972 (bib)	journal-article	Efficient optimization strategies with constraint programming	6	6	0	26	3
10.1109/codit.2013.6689654 (bib)	proceedings-article	Permutation flowshop problem with time lags scheduling by logic-based Benders decomposition	6	6	0	13	0
10.1007/978-1-4419-1644-0 5 (bib)	book-chapter	Hybrid Solving Techniques	6	6	0	32	0
10.1080/23302674.2023.2221072 (bib)	journal-article	Solving the flexible job shop scheduling and lot streaming problem with setup and transport resource constraints	6	6	0	66	2

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1016/j.cie.2021.107542 (bib)	journal-article	The generalized flexible job shop scheduling problem	6	6	0	59	12
10.1016/j.cie.2022.108760 (bib)	journal-article	Scheduling and batching with evolutionary algorithms in simulation–optimization of an industrial formulation plant	6	6	0	62	6
10.1016/j.procs.2022.01.366 (bib)	journal-article	Flexible job-shop scheduling with release dates, deadlines and sequence dependent setup times: a real-world case	6	6	0	34	4
10.1007/978-3-030-02538-0 5 (bib)	book-chapter	Solution Approach	6	6	0	30	0
10.1007/s11590-014-0761-7 (bib)	journal-article	Upper and lower bounds for the permutation flowshop scheduling problem with minimal time lags	6	6	0	20	11
10.1145/3332373 (bib)	journal-article	Combinatorial Register Allocation and Instruction Scheduling	6	6	0	100	13
10.1007/s10951-006-8596-4 (bib)	journal-article	A case study of mutual routing-scheduling reformulation	6	6	0	28	3
10.1007/3-540-45746-1 11 (bib)	book-chapter	Ensuring the Satisfaction of Structural Constraints	6	6	0	197	1
10.1007/s10479-011-0962-8 (bib)	journal-article	A decomposition approach for solving a broadcast domination network design problem	6	6	0	38	5
10.1109/icmet.2010.5598388 (bib)	proceedings-article	Multi-objective planning and scheduling	6	6	0	11	0
10.1145/3200920 (bib)	journal-article	Survey on Combinatorial Register Allocation and Instruction Scheduling	6	6	0	154	7
10.1007/s12008-023-01414-5 (bib)	journal-article	New formulation for scheduling flexible flow shop problems	6	6	0	67	0
10.1111/itor.13108 (bib)	journal-article	Shop scheduling in manufacturing environments: a review	6	6	0	425	8
10.1007/s10479-010-0737-7 (bib)	journal-article	Local search and constraint programming for the post enrolment-based course timetabling problem	6	6	0	28	45
10.1016/j.cor.2011.04.006 (bib)	journal-article	A cutting plane approach for integrated planning and scheduling	6	6	0	28	17
10.1016/b978-0-12-409547-2.14341-0 (bib)	book-chapter	Chemical Production Scheduling	6	6	0	104	1
10.1021/ie200841a (bib)	journal-article	Hybrid Mathematical Programming Discrete-Event Simulation Approach for Large-Scale Scheduling Problems	6	6	0	45	27
10.1007/s10951-016-0489-6 (bib)	journal-article	Scheduling operating rooms: achievements, challenges and pitfalls	5	1	4	283	143
10.1109/tits.2022.3155072 (bib)	journal-article	The Drone Scheduling Problem: A Systematic State-of-the-Art Review	5	3	2	179	47
10.1007/978-3-319-33954-2 5 (bib)	book-chapter	Logic-Based Decomposition Methods for the Travelling Purchaser Problem	5	4	1	27	3
10.1016/b978-155860890-0/50017-7 (bib)	book-chapter	Bibliography	5	4	1	303	1
10.1007/s10729-007-9019-6 (bib)	journal-article	Surgical block scheduling in a system of hospitals: an application to resource and wait list management in a British Columbia health authority	5	0	5	15	114
10.1007/s10601-008-9041-4 (bib)	journal-article	The Design of the Zinc Modelling Language	5	0	5	30	85
10.1016/s0377-2217(02)00205-9 (bib)	journal-article	A knowledge-based evolutionary strategy for scheduling problems with bottlenecks	5	4	1	26	67
10.1007/bfb0033845 (bib)	book-chapter	An open-ended finite domain constraint solver	5	2	3	29	142
10.1016/j.compchemeng.2007.06.012 (bib)	journal-article	Batch selection, assignment and sequencing in multi-stage multi-product processes	5	3	2	31	59
10.1007/978-3-319-44953-1 4 (bib)	book-chapter	Improved Linearization of Constraint Programming Models	5	2	3	28	18
10.1109/access.2022.3229709 (bib)	journal-article	A Two-Stage Genetic Artificial Bee Colony Algorithm for Solving Integrated Operating Room Planning and Scheduling Problem With Capacity Constraints of Downstream Wards	5	4	1	70	5
10.1016/j.cor.2009.06.019 (bib)	journal-article	The distributed permutation flowshop scheduling problem	5	0	5	55	390
10.1080/00207543.2010.497174 (bib)	journal-article	A study on open shop scheduling to minimise total tardiness	5	0	5	34	22
10.1007/978-3-319-23219-5 37 (bib)	book-chapter	Power Capping in High Performance Computing Systems	5	3	2	29	21
10.1007/978-3-642-85983-0 7 (bib)	book-chapter	Applying Constraints for Scheduling	5	2	3	33	16
10.1007/s12351-018-0381-6 (bib)	journal-article	Bounded dynamic programming algorithm for the job shop problem with sequence dependent setup times	5	4	1	30	5
10.1016/j.ejor.2007.10.040 (bib)	journal-article	Project selection, scheduling and resource allocation with time dependent returns	5	2	3	72	90
10.1016/0166-218x(90)90104-k (bib)	journal-article	Formulating the single machine sequencing problem with release dates as a mixed integer program	5	0	5	8	174
10.1145/258916.258933 (bib)	journal-article	Efficient formulation for optimal modulo schedulers	5	0	5	19	20
10.1016/j.ejor.2006.10.060 (bib)	journal-article	A branch-and-price approach for integrating nurse and surgery scheduling	5	1	4	50	124
10.1016/s0377-2217(99)00153-8 (bib)	journal-article	Scheduling with batching: A review	5	0	5	83	714
10.1016/0191-2615(89)90001-5 (bib)	journal-article	The crane scheduling problem	5	0	5	31	288
10.1007/s00291-003-0155-1 (bib)	journal-article	Tight LP bounds for resource constrained project scheduling	5	0	5	0	42
10.1016/j.cherd.2016.10.035 (bib)	journal-article	From rescheduling to online scheduling	5	3	2	109	78
10.1080/00207540802010781 (bib)	journal-article	A scatter search heuristic for maximising the net present value of a resource-constrained project with fixed activity cash flows	5	0	5	34	34
10.1007/s10479-010-0683-4 (bib)	journal-article	Global propagation of side constraints for solving over-constrained problems	5	4	1	29	3

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1287/opre.43.6.1058 (bib)	journal-article	A Time Window Approach to Simultaneous Scheduling of Machines and Material Handling System in an FMS	5	0	5	0	190
10.1007/s00366-020-01044-5 (bib)	journal-article	Mathematical programming approach to productivity improvement in wind turbine-blade manufacturing through a case study	5	4	1	28	2
10.1007/s00170-012-4675-1 (bib)	journal-article	Balancing and scheduling of flexible mixed model assembly lines with parallel stations	5	4	1	47	19
10.1007/pl00013356 (bib)	journal-article	Truncated branch-and-bound, schedule-construction, and schedule-improvement procedures for resource-constrained project scheduling	5	0	5	0	48
10.1287/mnsc.28.10.1197 (bib)	journal-article	Resource-Constrained Project Scheduling with Time-Resource Tradeoffs: The Nonpreemptive Case	5	0	5	0	296
10.1016/j.cor.2022.105731 (bib)	journal-article	A survey of job shop scheduling problem: The types and models	5	3	2	345	70
10.1287/mnsc.42.10.1395 (bib)	journal-article	A Branch and Bound Procedure for the Resource Constrained Project Scheduling Problem with Discounted Cash Flows	5	0	5	0	67
10.1021/ie900734x (bib)	journal-article	Optimal Short-Term Scheduling of Large-Scale Multistage Batch Plants	5	1	4	22	44
10.1080/03155986.2020.1734901 (bib)	journal-article	A simulated annealing for a daily operating room scheduling problem under constraints of uncertainty and setup	5	4	1	23	4
10.1016/j.cor.2020.105069 (bib)	journal-article	Constraint programming model for multi-manned assembly line balancing problem	5	4	1	35	14
10.1016/s0305-0548(02)00063-1 (bib)	journal-article	A symbiotic evolutionary algorithm for the integration of process planning and job shop scheduling	5	0	5	34	269
10.1007/3-540-45749-6 11 (bib)	book-chapter	SCIL — Symbolic Constraints in Integer Linear Programming	5	2	3	29	10
10.1016/j.ejor.2018.05.056 (bib)	journal-article	Algorithms for the unrelated parallel machine scheduling problem with a resource constraint	5	1	4	20	44
10.1016/j.ejor.2014.12.030 (bib)	journal-article	A follow-up survey of berth allocation and quay crane scheduling problems in container terminals	5	1	4	148	401
10.1007/s101070100263 (bib)	journal-article	Benchmarking optimization software with performance profiles	5	0	5	0	2804
10.1145/321694.321699 (bib)	journal-article	Theoretical Improvements in Algorithmic Efficiency for Network Flow Problems	5	0	5	7	1563
10.1016/j.ijpe.2007.01.005 (bib)	journal-article	Heuristics for scheduling in a no-wait open shop with movable dedicated machines	5	0	5	22	23
10.1007/s10601-006-6849-7 (bib)	journal-article	Stochastic Constraint Programming: A Scenario-Based Approach	5	0	5	25	60
10.1016/s0377-2217(02)00762-2 (bib)	journal-article	Lower bounds for resource-constrained project scheduling problems	5	1	4	27	54
10.1016/j.ejor.2020.04.050 (bib)	journal-article	An adaptive large neighbourhood search heuristic for routing and scheduling feeder vessels in multi-terminal ports	5	4	1	45	17
10.1016/0305-0548(93)e0016-m (bib)	journal-article	Evolution based learning in a job shop scheduling environment	5	0	5	66	214
10.1002/aic.14021 (bib)	journal-article	Valid Inequalities Based on Demand Propagation for Chemical Production Scheduling MIP Models	5	3	2	50	39
10.1007/11889205 42 (bib)	book-chapter	Compiling Finite Linear CSP into SAT	5	1	4	21	20
10.1016/0377-2217(90)90419-c (bib)	journal-article	An algorithm for disjunctive programs	5	0	5	15	69
10.1080/00207543.2018.1501166 (bib)	journal-article	Mathematical modelling and optimisation of energy-conscious hybrid flow shop scheduling problem with unrelated parallel machines	5	0	5	54	101
10.1016/j.ejor.2019.07.056 (bib)	journal-article	A satisfiability and workload-based exact method for the resource constrained project scheduling problem with generalized precedence constraints	5	4	1	27	8
10.1287/opre.35.2.254 (bib)	journal-article	Algorithms for the Vehicle Routing and Scheduling Problems with Time Window Constraints	5	0	5	0	2729
10.1016/j.disopt.2009.05.004 (bib)	journal-article	Cutting plane algorithms for solving a stochastic edge-partition problem	5	4	1	25	9
10.1016/j.apm.2014.04.012 (bib)	journal-article	Hybrid flexible flowshop problems: Models and solution methods	5	0	5	28	57
10.1016/j.compchemeng.2019.106517 (bib)	journal-article	On the design of online production scheduling algorithms	5	4	1	66	19
10.1007/3-540-45578-7 7 (bib)	book-chapter	Symmetry Breaking	5	0	5	10	82
10.1080/00207543.2013.827806 (bib)	journal-article	Mathematical modelling and a meta-heuristic for flexible job shop scheduling	5	0	5	38	62
10.1007/978-3-319-66158-2 37 (bib)	book-chapter	Branch-and-Check with Explanations for the Vehicle Routing Problem with Time Windows	5	4	1	31	2
10.1016/j.orl.2017.02.001 (bib)	journal-article	On the strength of time-indexed formulations for the resource-constrained project scheduling problem	5	0	5	22	38
10.1111/j.1467-8640.2005.00278.x (bib)	journal-article	APPLYING MACHINE LEARNING TO LOW-KNOWLEDGE CONTROL OF OPTIMIZATION ALGORITHMS	5	2	3	22	39
10.1007/s001860200251 (bib)	journal-article	Project scheduling with inventory constraints	5	0	5	0	72
10.1007/s10951-008-0067-7 (bib)	journal-article	Job shop scheduling with setup times, deadlines and precedence constraints	5	1	4	14	63
10.1016/j.ijpe.2014.06.011 (bib)	journal-article	Modeling and scheduling no-wait open shop problems	5	0	5	29	24

Table 113: Missing Work

DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1080/00207543.2018.1476786 (bib)	journal-article	A realistic multi-manned five-sided mixed-model assembly line balancing and scheduling problem with moving workers and limited workspace	5	2	3	54	33
10.1287/ijoc.13.2.96.10515 (bib)	journal-article	Representations of the all different Predicate of Constraint Satisfaction in Integer Programming	5	2	3	20	30
10.1145/361219.361224 (bib)	journal-article	Backtrack programming techniques	5	0	5	23	171
10.1016/j.ejor.2010.06.002 (bib)	journal-article	MIP-based decomposition strategies for large-scale scheduling problems in multiproduct multistage batch plants: A benchmark scheduling problem of the pharmaceutical industry	5	0	5	26	84
10.1007/3-540-45349-0 15 (bib)	book-chapter	Cutting Planes in Constraint Programming: An Hybrid Approach	5	1	4	23	17
10.1002/(sici)1099-1425(200001/02)3:1¡3::aid-jos32¿3.0.co;2-y (bib)	journal-article	Effective neighbourhood functions for the flexible job shop problem	5	0	5	28	299
10.1109/tsmcc.2007.900661 (bib)	journal-article	Improving Robustness of Spacecraft Downlink Schedules	5	3	2	8	10
10.1007/s10479-008-0383-5 (bib)	journal-article	On the separability of subproblems in Benders decompositions	5	4	1	18	1
10.1016/j.compchemeng.2011.02.014 (bib)	journal-article	A novel optimization method to automated wet-etch station scheduling in semiconductor manufacturing systems	5	4	1	37	18
10.1016/s1571-0653(04)00002-2 (bib)	journal-article	Solving TSP through the Integration of OR and CP Techniques	5	0	5	13	18
10.1016/j.compchemeng.2004.05.002 (bib)	journal-article	Continuous-time versus discrete-time approaches for scheduling of chemical processes: a review	5	0	5	121	526
10.1007/978-3-319-10428-7 32 (bib)	book-chapter	CIP and MIQP Models for the Load Balancing Nurse-to-Patient Assignment Problem	5	4	1	28	3
10.1016/j.ejor.2009.05.031 (bib)	journal-article	A survey of berth allocation and quay crane scheduling problems in container terminals	5	0	5	114	598
10.1016/0098-1354(93)80016-g (bib)	journal-article	A general algorithm for short-term scheduling of batch operations—II. Computational issues	5	0	5	13	289
10.1007/978-3-319-05443-8 21 (bib)	book-chapter	Overview and State of the Art	5	2	3	135	15
10.1007/978-3-642-21311-3 19 (bib)	book-chapter	Almost Square Packing	5	4	1	20	3
10.1016/s0360-8352(02)00065-7 (bib)	journal-article	Advanced scheduling problem using constraint programming techniques in SCM environment	5	0	5	19	20
10.1016/j.cie.2009.04.019 (bib)	journal-article	Operating theatre scheduling with patient recovery in both operating rooms and recovery beds	5	0	5	16	91
10.1007/978-1-4614-1900-6 (bib)	book	Integrated Methods for Optimization	5	0	5	0	45
10.1080/00207543.2014.980463 (bib)	journal-article	A new scheduling technique for the resource–constrained project scheduling problem with discounted cash flows	5	3	2	30	38
10.1145/1065887.1065889 (bib)	journal-article	When do bounds and domain propagation lead to the same search space?	5	2	3	25	18
10.1016/j.ejor.2015.04.008 (bib)	journal-article	Surgical scheduling with simultaneous employment of specialised human resources	5	0	5	35	37
10.1016/j.apm.2022.01.001 (bib)	journal-article	Mixed-integer linear programming, constraint programming and column generation approaches for operating room planning under block strategy	5	4	1	55	4
10.1023/b:anor.0000030682.25673.c0 (bib)	journal-article	Scheduling Malleable Tasks on Parallel Processors to Minimize the Makespan	5	0	5	0	53
10.1016/0377-2217(91)90304-e (bib)	journal-article	Mathematical programming formulations for machine scheduling: A survey	5	0	5	59	119
10.1016/j.ejor.2016.08.041 (bib)	journal-article	A generalized classification scheme for crane scheduling with interference	5	1	4	130	94
10.1080/00207543.2019.1579934 (bib)	journal-article	Job shop scheduling with the option of jobs outsourcing	5	4	1	40	13
10.1016/s0191-2615(02)00045-0 (bib)	journal-article	A tabu search heuristic for the static multi-vehicle dial-a-ride problem	5	0	5	30	475
10.1007/s11590-013-0692-8 (bib)	journal-article	Branch-and-price approach for the multi-skill project scheduling problem	5	3	2	34	41
10.1016/j.ejor.2005.09.034 (bib)	journal-article	Computing redundant resources for the resource constrained project scheduling problem	5	3	2	20	29
10.1007/978-3-642-33558-7 4 (bib)	book-chapter	A Generic Method for Identifying and Exploiting Dominance Relations	5	3	2	27	5
10.1016/j.cor.2022.106136 (bib)	journal-article	A branch-and-price-and-cut algorithm for operating room scheduling under human resource constraints	5	4	1	35	8
10.1287/inte.1090.0492 (bib)	journal-article	A Review of Operations Research in Mine Planning	5	0	5	110	250
10.1007/3-540-61551-2 68 (bib)	book-chapter	Speeding up constraint propagation by redundant modeling	5	2	3	22	19
10.1007/978-3-319-93031-2 30 (bib)	book-chapter	Modelling and Solving the Senior Transportation Problem	5	2	3	11	9
10.1016/j.omega.2020.102311 (bib)	journal-article	Just-in-time two-dimensional bin packing	5	3	2	46	17
10.1007/978-3-540-74970-7 48 (bib)	book-chapter	On Universal Restart Strategies for Backtracking Search	5	0	5	17	8
10.1287/ijoc.8.3.302 (bib)	journal-article	Job Shop Scheduling by Local Search	5	0	5	0	139
10.1002/9781118627372 (bib)	monograph	Integer and Combinatorial Optimization	5	0	5	0	2488
10.1287/ijoc.1040.0121 (bib)	journal-article	A Branch-and-Cut Procedure for the Multimode Resource-Constrained Project-Scheduling Problem	5	0	5	23	85

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DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1007/0-387-27744-7 1 (bib)	book-chapter	Is Scheduling a Solved Problem?	5	4	1	88	16
10.3390/pr7070438 (bib)	journal-article	Optimization-Based Scheduling for the Process Industries: From Theory to Real-Life Industrial Applications	5	4	1	131	47
10.1002/9783527631209.ch40 (bib)	other	Production Planning in Process Systems Engineering	5	5	0	75	0
10.1080/00207543.2023.2245918 (bib)	journal-article	Makespan estimation in a flexible job-shop scheduling environment using machine learning	5	5	0	48	3
10.1016/j.ejor.2023.05.017 (bib)	journal-article	The flexible job shop scheduling problem: A review	5	5	0	220	8
10.1145/2491845.2491847 (bib)	proceedings-article	The constraint of difference and total dual integrality	5	5	0	26	1
10.3390/math9151730 (bib)	journal-article	A Bender's Algorithm of Decomposition Used for the Parallel Machine Problem of Robotic Cell	5	5	0	41	3
10.1016/j.swevo.2022.101149 (bib)	journal-article	A novel BRKGA for the customer order scheduling with missing operations to minimize total tardiness	5	5	0	62	2
10.1016/j.artint.2023.103974 (bib)	journal-article	Automatic generation of dominance breaking nogoods for a class of constraint optimization problems	5	5	0	70	0
10.1007/978-3-319-05443-8 2 (bib)	book-chapter	Mixed-Integer Linear Programming Formulations	5	5	0	36	25
10.1007/978-3-662-04363-9 8 (bib)	book-chapter	Scheduling in Job Shops	5	5	0	126	0
10.1016/j.procs.2022.12.301 (bib)	journal-article	Solving large scale industrial production scheduling problems with complex constraints: an overview of the state-of-the-art	5	5	0	45	2
10.1109/ssci.2018.8628827 (bib)	proceedings-article	Dispatching Rules Revisited-A Large Scale Job Shop Scheduling Experiment	5	5	0	29	1
10.35378/gujs.681151 (bib)	journal-article	Minimization of Number of Tool Switching Instants in Automated Manufacturing Systems	5	5	0	30	0
10.1016/j.tre.2022.102949 (bib)	journal-article	An exact algorithm for scheduling tandem quay crane operations in container terminals	5	5	0	47	6
10.1287/ijoc.2020.1036 (bib)	journal-article	Logic-Based Benders Decomposition and Binary Decision Diagram Based Approaches for Stochastic Distributed Operating Room Scheduling	5	5	0	43	4
10.1016/j.compchemeng.2017.12.003 (bib)	journal-article	Combining the advantages of discrete- and continuous-time scheduling models: Part 1. Framework and mathematical formulations	5	5	0	66	39
10.1007/978-3-540-32220-7 13 (bib)	book-chapter	Constraint Programming and Disjunctive Scheduling	5	5	0	63	0
10.1007/s11590-011-0320-4 (bib)	journal-article	Polylithic modeling and solution approaches using algebraic modeling systems	5	5	0	53	28
10.1002/aic.10617 (bib)	journal-article	Enterprise-wide optimization: A new frontier in process systems engineering	5	5	0	86	412
10.1007/978-3-540-24664-0 7 (bib)	book-chapter	SAT-Based Branch amp; Bound and Optimal Control of Hybrid Dynamical Systems	5	5	0	23	3
10.1080/00207543.2022.2139002 (bib)	journal-article	Dynamic allocation of human resources: case study in the metal 4.0 manufacturing industry	5	5	0	49	2
10.1007/s10479-022-04686-4 (bib)	journal-article	Stochastic weekly operating room planning with an exponential number of scenarios	5	5	0	46	11
10.1109/access.2017.2696118 (bib)	journal-article	New efficient lower bound for the Hybrid Flow Shop Scheduling Problem with Multiprocessor Tasks	5	5	0	53	4
10.1002/9783527619856.ch15 (bib)	other	Production Scheduling	5	5	0	162	1
10.1007/s10601-017-9269-y (bib)	journal-article	Efficient filtering for the Resource-Cost AllDifferent constraint	5	5	0	33	0
10.1109/access.2021.3057366 (bib)	journal-article	An Immune Genetic Algorithm for Solving NPV-Based Resource Constrained Project Scheduling Problem	5	5	0	100	23
10.1016/s0743-1066(99)00063-1 (bib)	journal-article	Introduction to the constraint language NCL	5	5	0	42	10
10.1016/j.asoc.2021.108262 (bib)	journal-article	Novel hybrid discrete differential evolution algorithm for the multi-stage multi-purpose batch plant scheduling problem	5	5	0	52	4
10.1002/9783527631278.ch9 (bib)	other	Production Planning in Process Systems Engineering	5	5	0	75	0
10.1016/j.cor.2021.105603 (bib)	journal-article	Assembly planning by disjunctive programming and geometrical reasoning	5	5	0	42	0
10.1016/j.cor.2017.09.017 (bib)	journal-article	A guided local search with iterative ejections of bottleneck operations for the job shop scheduling problem	5	5	0	25	17
10.1007/s10107-010-0390-6 (bib)	journal-article	A polyhedral approach to the alldifferent system	5	5	0	32	9
10.1007/s40747-021-00601-9 (bib)	journal-article	Decomposition approaches for parallel machine scheduling of step-deteriorating jobs to minimize total tardiness and energy consumption	5	5	0	58	1
10.1007/s10472-016-9522-x (bib)	journal-article	Submodularity and its application to some global constraints	5	5	0	25	1
10.1007/978-0-387-74759-0 398 (bib)	book-chapter	Modeling Difficult Optimization Problems	5	5	0	39	6
10.1007/978-3-030-58475-7 44 (bib)	book-chapter	The Confidence Constraint: A Step Towards Stochastic CP Solvers	5	5	0	20	0
10.1134/s0040579514050182 (bib)	journal-article	Challenges in the application of mathematical programming in the enterprise-wide optimization of process industries	5	5	0	150	26
10.1002/9780470611050.ch9 (bib)	other	Shop Scheduling with Multiple Resources	5	5	0	113	0
10.1007/s10951-022-00750-w (bib)	journal-article	Packing-based branch-and-bound for discrete malleable task scheduling	5	5	0	40	2
10.1007/978-0-387-88617-6 1 (bib)	book-chapter	Challenges in Enterprise Wide Optimization for the Process Industries	5	5	0	237	8

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DOI	Type	Title	Nr Links	Nr References	Nr Citations	Crossref References	Crossref Citations
10.1109/tac.2006.876949 (bib)	journal-article	Logic-Based Solution Methods for Optimal Control of Hybrid Systems	5	5	0	49	47
10.1051/ro:2007004 (bib)	journal-article	Des explications pour reconnaître et exploiter les structures cachées d'un problème combinatoire	5	5	0	26	0
10.1007/978-3-642-27660-6 49 (bib)	book-chapter	MAK€– A System for Modelling, Optimising, and Analyzing Production in Small and Medium Enterprises	5	5	0	20	1
10.1007/s12351-021-00663-0 (bib)	journal-article	Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints	5	5	0	53	1
10.1016/j.cie.2022.108201 (bib)	journal-article	A comparative study of modeling and solution approaches for the multi-mode resource-constrained discrete time–cost trade-off problem: Case study of an ERP implementation project	5	5	0	80	4
10.1080/0951192x.2012.688141 (bib)	journal-article	Multi-site scheduling under production and transportation constraints	5	5	0	49	13
10.1007/978-3-642-00675-3 3 (bib)	book-chapter	Efficient Edge-Finding on Unary Resources with Optional Activities	5	5	0	8	0
10.1007/s10601-006-9002-8 (bib)	journal-article	Identifying and Exploiting Problem Structures Using Explanation-based Constraint Programming	5	5	0	26	9
10.1155/2016/5102616 (bib)	journal-article	A Hybrid Programming Framework for Modeling and Solving Constraint Satisfaction and Optimization Problems	5	5	0	15	39
10.36306/konjes.589835 (bib)	journal-article	KISIT PROGRAMLAMA VE HEDEF PROGRAMLAMA ENTEGRASYONU İLE VARDİYA ÇİZELGELEMESİ: HİDROELEKTRİK SANTRAL UYGULAMASI	5	5	0	48	2
10.1016/s1574-6526(06)80029-5 (bib)	book-chapter	Constraint Applications in Networks	5	5	0	72	12
10.3390/app10248887 (bib)	journal-article	Two-Stage Optimization Model for Life Cycle Maintenance Scheduling of Bridge Infrastructure	5	5	0	60	3

I 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 114: Works from bibtex (Total 116)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
AbdennadherS99 AbdennadherS99	S. Abdennadher, H. Schlenker	Nurse Scheduling using Constraint Logic Programming	Yes	[2]	1999	AAAI 1999	6	0	0	413	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	[34]	2019	Toulouse 3	null	0	0	No	n/a
Astrand21 Astrand21	M. Åstrand	Short-term Underground Mine Scheduling: An Industrial Application of Constraint Programming	Yes	[48]	2021	Royal Institute of Technology, Stockholm, Sweden	142	0	0	2976	n/a
Baptiste02 Baptiste02	P. Baptiste	Résultats de complexité et programmation par contraintes pour l'ordonnancement	Yes	[60]	2002	Université de Technologie de Compiègne	237	0	0	2977	n/a
BarbulescuWH04 BarbulescuWH04	L. Barbulescu, L. Darrell Whitley, Adele E. Howe	Leap Before You Look: An Effective Strategy in an Oversubscribed Scheduling Problem	Yes	[69]	2004	AAAI 2004	6	0	0	440	n/a
Bartak14 Bartak14	R. Barták	Planning and Scheduling	No	[73]	2014	Computing Handbook, Third Edition: Computer Science and Software Engineering	null	0	0	No	n/a
Beck06 Beck06	J. Christopher Beck	An Empirical Study of Multi-Point Constructive Search for Constraint-Based Scheduling	Yes	[83]	2006	ICAPS 2006	10	0	0	447	n/a
Beck99 Beck99	J. Christopher Beck	Texture measurements as a basis for heuristic commitment techniques in constraint-directed scheduling	Yes	[82]	1999	University of Toronto, Canada	418	0	0	2978	n/a
BeckDSF97 BeckDSF97	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Beyond Contention: Extending Texture-Based Scheduling Heuristics	Yes	[88]	1997	AAAI 1997	8	0	0	450	n/a
BeckDSF97a BeckDSF97a	J. Christopher Beck, Andrew J. Davenport, Edward M. Sitarski, Mark S. Fox	Texture-Based Heuristics for Scheduling Revisited	Yes	[89]	1997	AAAI 1997	8	0	0	451	n/a
BeckF99 BeckF99	J. Christopher Beck, Mark S. Fox	Scheduling Alternative Activities	Yes	[92]	1999	AAAI 1999	8	0	0	452	n/a
BeckPS03 BeckPS03	J. Christopher Beck, P. Prosser, E. Selensky	Vehicle Routing and Job Shop Scheduling: What's the Difference?	Yes	[95]	2003	ICAPS 2003	10	0	0	453	n/a
BeckW04 BeckW04	J. Christopher Beck, N. Wilson	Job Shop Scheduling with Probabilistic Durations	Yes	[97]	2004	ECAI 2004	5	0	0	454	n/a
BeckW05 BeckW05	J. Christopher Beck, N. Wilson	Proactive Algorithms for Scheduling with Probabilistic Durations	Yes	[98]	2005	IJCAI 2005	6	0	0	455	n/a
BonfiettiM12 BonfiettiM12	A. Bonfietti, M. Milano	A Constraint-based Approach to Cyclic Resource-Constrained Scheduling Problem	Yes	[144]	2012	DC SIAAI 2012	3	0	0	480	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	[151]	1997	PACT 1997	18	0	0	No	n/a
BreitingerL95 BreitingerL95	S. Breitinger, Hendrik C. R. Lock	Using Constraint Logic Programming for Industrial Scheduling Problems	No	[156]	1995	Logic Programming: Formal Methods and Practical Applications, Studies in Computer Science and Artificial Intelligence	27	0	0	No	n/a

Table 114: Works from bibtex (Total 116)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
Caballero19 Caballero19	Jordi Coll Caballero	Scheduling Through Logic-Based Tools	Yes	[166]	2019	Universitat de Girona, Spain	194	0	0	2979	n/a
CatusseCBL16 CatusseCBL16	N. Catusse, H. Cambazard, N. Brauner, P. Lemaire, B. Penz, A. Lagrange, P. Rubini	A Branch-and-Price Algorithm for Scheduling Observations on a Telescope	Yes	[183]	2016	IJCAI 2016	7	0	0	495	n/a
CestaOS00 CestaOS00	A. Cesta, A. Oddi, Stephen F. Smith	Iterative Flattening: A Scalable Method for Solving Multi-Capacity Scheduling Problems	Yes	[190]	2000	AAAI 2000	6	0	0	498	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	[193]	2013	IJCAI 2013	7	0	0	501	n/a
ChunCTY99 ChunCTY99	Andy Hon Wai Chun, Steve Ho Chuen Chan, Francis Ming Fai Tsang, Dennis Wai Ming Yeung	HKIA SAS: A Constraint-Based Airport Stand Allocation System Developed with Software Components	Yes	[195]	1999	AAAI 1999	8	0	0	503	n/a
Clercq12 Clercq12	Alexis De Clercq	Ordonnancement cumulatif avec dépassements de capacité : Contrainte globale et décompositions	Yes	[224]	2012	Ecole des Mines de Nantes	196	0	0	2980	n/a
CrawfordB94 CrawfordB94	James M. Crawford, Andrew B. Baker	Experimental Results on the Application of Satisfiability Algorithms to Scheduling Problems	Yes	[210]	1994	AAAI 1994	6	0	0	511	n/a
Dejemeppe16 Dejemeppe16	C. Dejemeppe	Constraint programming algorithms and models for scheduling applications	Yes	[227]	2016	Catholic University of Louvain, Louvain-la-Neuve, Belgium	274	0	0	2981	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	[230]	2003	University of Avignon, France	148	0	0	2982	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	[233]	2015	École des mines de Nantes, France	113	0	0	2983	n/a
DilkinaH04 DilkinaH04	Bistra N. Dilkina, William S. Havens	The U.S. National Football League Scheduling Problem	Yes	[238]	2004	AAAI 2004	6	0	0	521	n/a
DincbasHSAGB88 DincbasHSAGB88	M. Dincbas, Pascal Van Hentenryck, H. Simonis, A. Aggoun, T. Graf, F. Berthier	The Constraint Logic Programming Language CHIP	Yes	[239]	1988	FGCS 1988	10	0	0	No	n/a
DincbasS91 DincbasS91	M. Dincbas, H. Simonis	Apache-a constraint based, automated stand allocation system	Yes	[240]	1991	ASTAIR 1991	13	0	0	522	n/a
DoRZ08 DoRZ08	Minh Binh Do, W. Ruml, R. Zhou	On-line Planning and Scheduling: An Application to Controlling Modular Printers	Yes	[242]	2008	AAAI 2008	5	0	0	523	n/a
ElhouraniDM07 ElhouraniDM07	T. Elhourani, N. Denny, Michael M. Marefat	A Distributed Constraint Optimization Solution to the P2P Video Streaming Problem	Yes	[256]	2007	AAAI 2007	6	0	0	528	n/a
Elkhyari03 Elkhyari03	A. Elkhyari	Outils d'aide à la décision pour des problèmes d'ordonnancement dynamiques	Yes	[257]	2003	Université de Nantes	333	0	0	2984	n/a
EskeyZ90 EskeyZ90	M. Eskey, M. Zweben	Learning Search Control for Constraint-Based Scheduling	Yes	[265]	1990	AAAI 1990	8	0	0	533	n/a
EvenSH15a EvenSH15a	C. Even, A. Schutt, Pascal Van Hentenryck	A Constraint Programming Approach for Non-Preemptive Evacuation Scheduling	Yes	[269]	2015	CoRR	16	0	0	1339	n/a
Fahimi16 Fahimi16	H. Fahimi	Efficient algorithms to solve scheduling problems with a variety of optimization criteria	Yes	[271]	2016	Université Laval, Quebec, Canada	120	0	0	2985	n/a
FocacciLN00 FocacciLN00	F. Focacci, P. Laborie, W. Nuijten	Solving Scheduling Problems with Setup Times and Alternative Resources	Yes	[283]	2000	AIPS 2000	10	0	0	536	n/a
FoxAS82 FoxAS82	Mark S. Fox, Bradley P. Allen, G. Strohm	Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning	Yes	[288]	1982	AAAI 1982	4	0	0	539	n/a
FoxS90 FoxS90	Mark S. Fox, Norman M. Sadeh	Why is Scheduling Difficult? A CSP Perspective	Yes	[289]	1990	ECAI 1990	14	0	0	540	n/a

Table 114: Works from bibtex (Total 116)

Key Source	Authors	Title	LC	Cite	Year	Conference /Journal /School	Pages	Nr Cites	Nr Refs	b	c
FrankK03 FrankK03	J. Frank, E. Kürklü	SOFIA's Choice: Scheduling Observations for an Airborne Observatory	Yes	[291]	2003	ICAPS 2003	10	0	0	542	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	[295]	2016	Université d'Angers	181	0	0	2986	n/a
FukunagaHFAMN02 FukunagaHFAMN02	Alex S. Fukunaga, E. Hamilton, J. Fama, D. Andre, O. Matan, Illah R. Nourbakhsh	Staff Scheduling for Inbound Call Centers and Customer Contact Centers	Yes	[298]	2002	AAAI 2002	8	0	0	547	n/a
German18 German18	G. German	Constraint programming for lot-sizing problems	Yes	[317]	2018	Université Grenoble Alpes	112	0	0	2987	n/a
GetoorOFC97 GetoorOFC97	L. Getoor, G. Ottosson, Markus P. J. Fromherz, B. Carlson	Effective Redundant Constraints for Online Scheduling	Yes	[319]	1997	AAAI 1997	6	0	0	560	n/a
GingrasQ16 GingrasQ16	V. Gingras, C. Quimper	Generalizing the Edge-Finder Rule for the Cumulative Constraint	Yes	[322]	2016	IJCAI 2016	7	0	0	562	n/a
GlobusCLP04 GlobusCLP04	A. Globus, J. Crawford, Jason D. Lohn, A. Pryor	A Comparison of Techniques for Scheduling Earth Observing Satellites	Yes	[323]	2004	AAAI 2004	8	0	0	563	n/a
GodardLN05 GodardLN05	D. Godard, P. Laborie, W. Nuijten	Randomized Large Neighborhood Search for Cumulative Scheduling	Yes	[324]	2005	ICAPS 2005	9	0	0	564	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	[325]	2021	IMT Atlantique Bretagne Pays de la Loire, Brest, France	168	0	0	2988	n/a
GomesHS06 GomesHS06	Carla P. Gomes, Willem-Jan van Hoeve, B. Selman	Constraint Programming for Distributed Planning and Scheduling	Yes	[335]	2006	AAAI 2006	2	0	0	569	n/a
Groleaz21 Groleaz21	L. Groleaz	The Group Cumulative Scheduling Problem	Yes	[344]	2021	Université de Lyon	153	0	0	2989	n/a
Hamscher91 Hamscher91	W. Hamscher	ACP: Reason Maintenance and Inference Control for Constraint Propagation Over Intervals	Yes	[366]	1991	AAAI 1991	6	0	0	579	n/a
HoeveGSL07 HoeveGSL07	Willem-Jan van Hoeve, Carla P. Gomes, B. Selman, M. Lombardi	Optimal Multi-Agent Scheduling with Constraint Programming	Yes	[800]	2007	AAAI 2007	6	0	0	593	n/a
JoLLH99 JoLLH99	G. Jo, K. Lee, H. Lee, S. Hyun	Ramp Activity Expert System for Scheduling and Co-ordination at an Airport	Yes	[428]	1999	AAAI 1999	6	0	0	603	n/a
Johnston05 Johnston05	Bradley J. Clement, Mark D. Johnston	The Deep Space Network Scheduling Problem	Yes	[201]	2005	AAAI 2005	7	0	0	604	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	[429]	1994	ILPS 1994	1	0	0	No	n/a
Junker00 Junker00	U. Junker	Preference-Based Search for Scheduling	Yes	[431]	2000	AAAI 2000	6	0	0	606	n/a
Kameugne14 Kameugne14	R. Kameugne	Techniques de Propagation de la Contrainte de Ressource en Ordonnancement Cumulatif	Yes	[438]	2014	University of Yaounde I, Cameroon	139	0	0	2990	n/a
KletzanderM20 KletzanderM20	L. Kletzander, N. Musliu	Solving Large Real-Life Bus Driver Scheduling Problems with Complex Break Constraints	Yes	[456]	2020	ICAPS 2020	10	0	0	620	n/a
Layfield02 Layfield02	Colin J. Layfield	A constraint programming pre-processor for duty scheduling	Yes	[493]	2002	University of Leeds, UK	230	0	0	2991	n/a
LeeKLKKYHP97 LeeKLKKYHP97	Kyoung Jun Lee, Hyun Woo Kim, Jae Kyu Lee, Tae Hwan Kim, Chang Gon Kim, Myoung Kyun Yoon, Eui Jun Hwang, Hyun Jeong Park	Case and Constraint-Based Apartment Construction Project Planning System: FASTrak-APT	Yes	[494]	1997	AAAI 1997	6	0	0	639	n/a
Lemos21 Lemos21	Alexandre Duarte de Almeida Lemos	Solving scheduling problems under disruptions	Yes	[495]	2021	UNIVERSIDADE DE LISBOA INSTITUTO SUPERIOR TÉCNICO	188	0	0	2992	n/a
Letort13 Letort13	A. Letort	Passage à l'échelle pour les contraintes d'ordonnancement multi-ressources	Yes	[496]	2013	Ecole des Mines de Nantes	132	0	0	2993	n/a
LimAHO02a LimAHO02a	A. Lim, Juay Chin Ang, W. Ho, W. Oon	UTTSExam: A University Examination Timetable Scheduler	Yes	[504]	2002	AAAI 2002	2	0	0	644	n/a

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Lombardi10 Lombardi10	M. Lombardi	Hybrid Methods for Resource Allocation and Scheduling Problems in Deterministic and Stochastic Environments	Yes	[517]	2010	University of Bologna, Italy	175	0	0	2994	n/a
Lunardi20 Lunardi20	Willian Tessaro Lunardi	A Real-World Flexible Job Shop Scheduling Problem With Sequencing Flexibility: Mathematical Programming, Constraint Programming, and Metaheuristics	Yes	[537]	2020	University of Luxembourg, Luxembourg City, Luxembourg	181	0	0	2995	n/a
LuoVLBM16 LuoVLBM16	R. Luo, Richard Anthony Valenzano, Y. Li, J. Christopher Beck, Sheila A. McIlraith	Using Metric Temporal Logic to Specify Scheduling Problems	Yes	[538]	2016	KR 2016	4	0	0	662	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	[545]	2011	École des mines de Nantes, France	194	0	0	2996	n/a
Malik08 Malik08	Abid M. Malik	Constraint Programming Techniques for Optimal Instruction Scheduling	Yes	[550]	2008	University of Waterloo, Ontario, Canada	151	0	0	2997	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	[561]	2011	University of Nantes, France	148	0	0	2998	n/a
MeskensDHG11 MeskensDHG11	N. Meskens, D. Duvivier, A. Hanset, D. Gossart	Multi-objective Constraint programming for Scheduling Operating Theatres	No	[570]	2011	unknown 2011	10	0	0	No	n/a
MintonJPL90 MintonJPL90	S. Minton, Mark D. Johnston, Andrew B. Philips, P. Laird	Solving Large-Scale Constraint-Satisfaction and Scheduling Problems Using a Heuristic Repair Method	Yes	[575]	1990	AAAI 1990	8	0	0	672	n/a
MoffittPP05 MoffittPP05	Michael D. Moffitt, B. Peintner, Martha E. Pollack	Augmenting Disjunctive Temporal Problems with Finite-Domain Constraints	Yes	[577]	2005	AAAI 2005	6	0	0	673	n/a
MorgadoM97 MorgadoM97	Ernesto M. Morgado, João P. Martins	CREWS NS: Scheduling Train Crew in The Netherlands	Yes	[583]	1997	AAAI 1997	10	0	0	676	n/a
MurphyRFSS97 MurphyRFSS97	K. Murphy, E. Ralston, D. Friedlander, R. Swab, P. Steege	The Scheduling of Rail at Union Pacific Railroad	Yes	[589]	1997	AAAI 1997	10	0	0	682	n/a
MurthyRAW97 MurthyRAW97	Seshashayee S. Murthy, J. Rachlin, R. Akkiraju, Frederick Y. Wu	Agent-Based Cooperative Scheduling	No	[591]	1997	AAAI 1997	6	0	0	No	n/a
Muscettola94 Muscettola94	N. Muscettola	On the Utility of Bottleneck Reasoning for Scheduling	Yes	[592]	1994	AAAI 1994	6	0	0	684	n/a
Nattaf16 Nattaf16	M. Nattaf	Ordonnancement sous contraintes d'énergie	Yes	[602]	2016	UPS Toulouse - Université Toulouse 3 Paul Sabatier	199	0	0	2999	n/a
NuijtenA94 NuijtenA94	W. Nuijten, E. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	Yes	[620]	1994	ECAI 1994	5	0	0	689	n/a
NuijtenA94a NuijtenA94a	W. P. M. Nuijten, Emile H. L. Aarts	Constraint Satisfaction for Multiple Capacitated Job Shop Scheduling	No	[619]	1994	ECAI 1994	5	0	0	No	n/a
OddiS97 OddiS97	A. Oddi, Stephen F. Smith	Stochastic Procedures for Generating Feasible Schedules	Yes	[627]	1997	AAAI 1997	7	0	0	692	n/a
PapeB96 PapeB96	Claude Le Pape, P. Baptiste	Constraint Propagation Techniques for Disjunctive Scheduling: The Preemptive Case	No	[642]	1996	ECAI 1996	5	0	0	No	n/a
PapeB97 PapeB97	Claude Le Pape, P. Baptiste	A Constraint Programming Library for Preemptive and Non-Preemptive Scheduling	No	[643]	1997	PACT 1997	20	0	0	No	n/a
PoderB08 PoderB08	E. Poder, N. Beldiceanu	Filtering for a Continuous Multi-Resources cumulative Constraint with Resource Consumption and Production	Yes	[658]	2008	ICAPS 2008	8	0	0	702	n/a
PolicellaWSO05 PolicellaWSO05	N. Policella, X. Wang, Stephen F. Smith, A. Oddi	Exploiting Temporal Flexibility to Obtain High Quality Schedules	Yes	[661]	2005	AAAI 2005	6	0	0	703	n/a
Rit86 Rit86	J. Rit	Propagating Temporal Constraints for Scheduling	Yes	[685]	1986	AAAI 1986	6	0	0	715	n/a

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Rodosek94 Rodosek94	R. Rodosek	Combining Constraint Network and Causal Theory to Solve Scheduling Problems from a CSP Perspective	No	[686]	1994	ECAI 1994	5	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	[690]	2007	ICROMA 2007	14	0	0	717	n/a
RodriguezDG02 RodriguezDG02	J. Rodriguez, X. Delorme, X. Gandibleux	Railway infrastructure saturation using constraint programming approach	Yes	[691]	2002	Computers in Railways VIII	10	0	0	1498	n/a
RodriguezS09 RodriguezS09	J. Rodriguez, S. Sobieraj	A study of an incremental texture-based heuristic for the train routing and scheduling problem	Yes	[692]	2009	ICROMA 2009	14	0	0	718	n/a
RoweJCA96 RoweJCA96	J. Rowe, K. Jewers, A. Codd, A. Alcock	Intelligent Retail Logistics Scheduling	Yes	[699]	1996	AAAI 1996	9	0	0	720	n/a
SakkoutRW98 SakkoutRW98	Hani El Sakkout, T. Richards, M. Wallace	Minimal Perturbance in Dynamic Scheduling	No	[705]	1998	ECAI 1998	5	0	0	No	n/a
Schaerf96 Schaerf96	A. Schaerf	Scheduling Sport Tournaments using Constraint Logic Programming	No	[707]	1996	ECAI 1996	5	0	0	No	n/a
SchausD08 SchausD08	P. Schaus, Y. Deville	A Global Constraint for Bin-Packing with Precedences: Application to the Assembly Line Balancing Problem	Yes	[708]	2008	AAAI 2008	6	0	0	722	n/a
Schutt11 Schutt11	A. Schutt	Improving Scheduling by Learning	Yes	[713]	2011	University of Melbourne, Australia	209	0	0	3000	n/a
SenderovichBB19 SenderovichBB19	A. Senderovich, Kyle E. C. Booth, J. Christopher Beck	Learning Scheduling Models from Event Data	Yes	[725]	2019	ICAPS 2019	9	0	0	730	863
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	[732]	2015	INSA Toulouse, France	199	0	0	3001	n/a
SmithC93 SmithC93	Stephen F. Smith, C. Cheng	Slack-Based Heuristics for Constraint Satisfaction Scheduling	Yes	[744]	1993	AAAI 1993	6	0	0	739	n/a
StidsenKM96 StidsenKM96	Thomas R. Stidsen, L. V. Kragelund, O. Mateescu	Jobshop Scheduling in a Shipyard	No	[747]	1996	ECAI 1996	8	0	0	No	n/a
Tay92 Tay92	David B. H. Tay	COPS: A Constraint Programming Approach to Resource-Limited Project Scheduling	No	[764]	1992	Comput. J.	null	0	0	No	n/a
TranWDRFOVB16 TranWDRFOVB16	Tony T. Tran, Z. Wang, M. Do, Eleanor Gilbert Rieffel, J. Frank, B. O'Gorman, D. Venturelli, J. Christopher Beck	Explorations of Quantum-Classical Approaches to Scheduling a Mars Lander Activity Problem	Yes	[788]	2016	AAAI 2016	9	0	0	762	n/a
TsurutaS00 TsurutaS00	T. Tsuruta, T. Shintani	Scheduling Meetings Using Distributed Valued Constraint Satisfaction Algorithm	No	[791]	2000	ECAI 2000	5	0	0	No	n/a
Valdes87 Valdes87	Raúl E. Valdés-Pérez	The Satisfiability of Temporal Constraint Networks	Yes	[795]	1987	AAAI 1987	5	0	0	763	n/a
VillaverdeP04 VillaverdeP04	K. Villaverde, E. Pontelli	An Investigation of Scheduling in Distributed Constraint Logic Programming	No	[813]	2004	ISCA 2004	6	0	0	No	n/a
Wallace94 Wallace94	Mark G. Wallace	Applying Constraints for Scheduling	No	[815]	1994	Constraint Programming 1994	19	0	0	No	n/a
WallaceF00 WallaceF00	Richard J. Wallace, Eugene C. Freuder	Dispatchability Conditions for Schedules with Consumable Resources	No	[819]	2000	ECAI 2000	7	0	0	No	n/a
WatsonBHW99 WatsonBHW99	J. Watson, L. Barbulescu, Adele E. Howe, L. Darrell Whitley	Algorithm Performance and Problem Structure for Flow-shop Scheduling	Yes	[824]	1999	AAAI 1999	8	0	0	780	n/a
YeGMH94 YeGMH94	P. Ye, D. Glass, Michael F. McTear, John G. Hughes	Job Cost and Constraint Relaxation for Scheduling Problem Solving in the CLP Paradigm	No	[840]	1994	ECAI 1994	5	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	[841]	1994	AAAI 1994	6	0	0	791	n/a

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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	[849]	2021	Université de Tours - LIFAT	185	0	0	3002	n/a
abs-0907-0939 abs-0907-0939	T. Petit, E. Poder	The Soft Cumulative Constraint	Yes	[655]	2009	CoRR	12	0	0	1564	n/a
abs-1009-0347 abs-1009-0347	A. Schutt, T. Feydy, Peter J. Stuckey, Mark G. Wallace	Solving the Resource Constrained Project Scheduling Problem with Generalized Precedences by Lazy Clause Generation	Yes	[718]	2010	CoRR	37	0	0	1565	n/a
abs-1901-07914 abs-1901-07914	Jan Kristof Behrens, R. Lange, M. Mansouri	A Constraint Programming Approach to Simultaneous Task Allocation and Motion Scheduling for Industrial Dual-Arm Manipulation Tasks	Yes	[103]	2019	CoRR	8	0	0	1566	1628
abs-1902-01193 abs-1902-01193	O. M. Alade, A. O. Amusat	Solving Nurse Scheduling Problem Using Constraint Programming Technique	Yes	[19]	2019	CoRR	9	0	0	1567	n/a
abs-1902-09244 abs-1902-09244	Viktoria A. Hauder, A. Beham, S. Raggl, Sophie N. Parragh, M. Affenzeller	On constraint programming for a new flexible project scheduling problem with resource constraints	Yes	[373]	2019	CoRR	62	0	0	1568	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	[311]	2019	CoRR	16	0	0	1569	1629
abs-2102-08778 abs-2102-08778	Giacomo Da Col, E. Teppan	Large-Scale Benchmarks for the Job Shop Scheduling Problem	Yes	[206]	2021	CoRR	10	0	0	1570	n/a