Title word cross-reference

(4n – 9)/3 [YYN10]. 0 [ESAA18, Hu18]. 1 [ESAA18, Hu18, SCK15]. 2 [ABMOK10, ABMM+12, SNMSA10, SG17, SCK15, WW05]. 3 [ABN+06, CG12, EMSY12, EPR06, VPS14, WL06]. g [YHL+20]. K [LC19, BBFN10, FY20, Khe16, ZWMR20]. n [FY20, ZWMR20]. p [SO18]. st [CT08]. t [ERA07].

-adic [SO18]. -ary [FY20, ZWMR20]. -cubes [FY20, ZWMR20]. -D [WW05]. -diagnosable [ERA07]. -dimensional

[SG17]. -exclusion [BBFN10].


1 [RCSQ09].

2 [BM07]. 2008 [DS09]. 25th [Sto10].

802.11 [MBB10, SCCrL06, SK14].

Accelerating [FFHK19, FA08, MUIN13, UIN14].

acceleration [OMKN17, TNTI16].

accelerator [ESAA18, SEM14]. access [AWGW08, BB09a, CL06, EMERF15, MUIN13, YHY05]. accesses [ST11].

balancing [LG13, XCW13]. band [HBB+17]. bandit [KT17]. bandwidth [JZ11, LK08, SCcrL06]. bandwidth-efficient [LK08]. based [ADL16a, ADL16b, Aag11, AAAA16, AGM13, AXM+15, BPS+11, BBF10, BPV18, BMM12, CL06, CWT14, CG12, CTS+11, CSA14, CSAdS15, DA09, DD11, EMSY12, EN16, EG18, FVCD05, FK17, GACdM16, GR07, GBMB19, Guo06, HB14, HY16, HLZ+12, IS14, Jtzx05, KMS10, KK17, Kuz18, LS13, LMS16, LC19, MM15, MPSHH08, NGA13, PL19, RG10, SNMSA10, SH17, SCJ14, SCcrL06, Shl06, SK18b, SA19, TLO19, Tzgz16, VR12, VBA12, WCY15, WWLW18, WS13, WM09, WM13, XM18, XFC08, XYC+15, YHT18, YS09, YW11, YMI15, YHY05, ZKG17, ZSYG18, ZPW10, ZYM17, dSO17]. bias [CG12].


[Nos18]. capture [Dis09]. Carlo
HRR+14, WWLW18]. Cartesian
[QTCM20]. case [SAN+17, WvTB+07].
cases [FBC+15], cash [SRTE09], catalysis
[Wal010]. catastrophe [DHRCB10]. causal
[HRF10, OT17]. Cayley [XYZ20].
Celebration [Sto10]. Cell [DHRCB10].
Cell/BE [DHRCB10]. cells [IP08].
Cellular [CS16, CSA14, KBAO19, AS16,
AIIA05, CCC19, CVFC19, KF07, Kuzz18,
Mar17, TLO19, Wac19].
cellular-automaton-alike [KFO7].
centralised [SR12]. centre [TP11]. centric
HSSS09]. CFD [WvTB+07]. challenge
[SBC+05]. challenges [CLM+17]. change
HB14, KBAO19]. changes [ABMM+12].
channel [LZ05]. channels
[HRF10, HBB+17, Lit0a]. Chaos [MTSA10].
chaotic [HHY13, MBC18, VSPK18].
character [TNT11]. characterisation
[BPV18]. characteristics [Ben07].
charging [JWZL13, MCY13].
checkpointing [WM09, WM13, dSOK17].
checkpoints [WM09, WM13]. chemistry
[SO17]. chemotaxis [GBMB19].
chemotaxis-based [GBMB19]. Cheng
[Ano17]. chip [RNMQ12, SNMSA10,
TJKY10, VPS14, XM18].
chip-multiprocessor [RNMQ12]. Chua
[KKK+18]. CICQ [LLW06]. circuit
KKK+18, SO19, TA017]. circuits
[WFK18]. clairvoyant [SD07]. Class
[VRV12, GS11]. Class-based [VRV12].
classical [SBC+05, SBC+06]. classification
[KZS17, SSS+17]. classifier [Bu09].
climate [KBAO19]. clock [MJGA17]. cloud
[AAK16, AGK+19, AP18, ECL+14,
LZWD15, uDZD16, RMK+19, SHB17, Sin17,
XCY+15, dAGG+19]. cloud-based
[SHB17]. cloud-hosted [uDZD16]. Clouds
[TV19, ACV19]. Cluster [MPHH08,
AKE13, Fat10, Mis07, SRG+11, ZMX+13].
Cluster-based [MPHH08]. clustered
[WL06, ZW08]. clusterheads [ZW08].
clustering [BTK19, ZPW10]. CMOS
[WFK18]. CMOS/memristor [WFK18].
CNN [DD11]. CNN-based [DD11]. co
[BB09a, YWGH13]. co-design [BB09a].
co-scheduling [YWGH13]. coastal [CS16].
code [AR14, Fer06]. codes [BP09, EdM16].
Coding [ZBHOHQ19, SKP13].
Coding-theorem [ZBHOHQ19].
coevolutionary [WAL09]. coexistence
[KK17]. cognition [Luk18, Wal08].
cognitive [KT17, Wal10]. coherence
[ST11]. Cohort [KK18, SK18b, KKKK18].
collaboration [TAMM15]. collective
[HS10]. Collision [NA13].
Collision-based [NA13]. colony
[AP18, LL18, UIN14]. coloring [LL18].
combinatorial [Sto06]. combined [LLW06].
combining [SHSS09]. comfort [WvTB+07].
communication [ABMM+12, BB09b,
CR13, DA09, EFBPMMOA12, Fer06,
HRF10, HSL10, HBB+17, Lit0a, MRA+06,
Nas10, SOKM05, WCC05, dMDBS09].
communications [VPS14, MMT+15].
communities [BF06]. comparison
[Aga11, EN16, PdP18, SEM14,
YYD13, ZWWMR20]. comparison-based
[EN16]. compensators [GSSR17].
Compiler [Mar09]. complete [SZG+20].
complex [Ila12]. complexity
[CVFC19, IP08, LFL19, CDF+07].
Component [XZY20, FCL+11].
component-level [FCL+11]. components
[BB09b, CLM+17, KKKK18, PB13].
composer [AIIA05]. composition [GG11].
Comprehensive [Aba15]. compression
[AAA16, Sha06]. compression-based
[AAA16]. computation [AKL14, Ben07,
Bu16, LLC16, MUN13, NA06, NA07,
Oga17, SK14, SBC+05, SBC+06].
Computational [WvTB+07, CDF+07,
BMPV14, DCL17, DSI11, FNB11, SS13].
computations [BM07, Guo06]. computer
[IA11]. computer [JWWZ16]. computers
[HL16, CDF+07]. Computing [DS09, IP08,


extensible [GB08].

extension [BSG+16, CTS+11, GHSR07].

Extra [HH13, LHL+20]. Extracting
[dmDBS09]. Extraction [Iha08]. eye
[EPR06].

failure [LAA13]. Fair
[EMERF15, TJKY10, VRV12]. fake
ZYM17]. fake-message [ZYM17]. families
[JWWZ16, Mar18]. Fast
[BPS+11, LZ07, DBBC19, HL16, LC15,
SA19, XCW13, dAGG+19]. Fast-Sec
[dAGG+19]. Fault [DYZ09, ER14, US16,
WW05, ZW08, ECL+14, ERA07, EN16,
EG18, JW06, KLMW10, LL08, NNRS15,
SS17, YZ13, Zha16]. Fault-tolerance
[ZW08]. Fault-tolerant
[US16, WW05, JW06]. faults
[AACL13, EDN05]. FDFM [AIN13]. FDR
[SS17]. feasibility [ZD19]. federated
[FBC+15]. feed [Sha06]. feed-forward
[Sha06]. FELIX [FBC+15]. FEM [GST07].

FeRlo [EFF+19]. FET [KK17]. file
[AGM13, AGK+19, HLZ+12, WC13, ZMX+13].

filter [SA19]. filtering [LK08, Pri17b]. Finding
[QA07, SSZC18]. fingerprint
[TZG16]. fingerprint-based [TZG16].

finite [AOKK08, BWHR07, BM07, CB10,
EFBAY18, KTD+19, VRVG11].
finite-buffered [VRVG11]. finite-element
[KTD+19]. firefly [LC19]. fitness
[Ric18, ZD19]. Flexible

[CTS+11, YHT18, XC12]. flooding [MD13].
flow [BM07, TJKY10]. fluidic [FK17].

FMSLPP [ZYM17]. folksonomy
[AXM+15]. forecast [TB16]. forecasting
XFC08]. forensic [BH17]. formal
[WL08]. formalise [SO18]. forward
[Sha06]. forwarding [CWW11, KMT18].

Foundations [SK18a]. FPGA
[AIN13, CFZ+10]. FPGA/ASIC [CFZ+10].

FPGAs [ET09]. fractal [Ric18]. framework
[BSG+16, BTC19, DP09, FBC+15, KTD+19,
KX05, LS19, MSM+12, TZG16].
frameworks [AM11], free [BPV18, ET09, WW05], frequencies [MJGA17], frequent [LC15], friction [Nos18], fully [WM13], function [DBD11, KKKK18, OT17, TAMM15], functions [CG12, Pan18], future [AZS17, CQS20a], GaAs [WL06], GaAs-based [KK17], GaAs-based gadgets [ZD19], Gait [SSS+17], game [AAK16, EG18, OT17, Garden [Wac19], GarQ [SCPB09], gates [Pri17b, Sch17], gateway [KMS10], gateway-based [KMS10], gaze [EP06], GCA [JEH09], GCC [Xia08], gene [MM15], general [BCL09], generalised [DY09, SR12, YYN10], Generalized [YMLC07], generated [XZY20], generation [AR14, BH11, Fer06], generations [Chi09], Generic [GWJ09, HSSS09], Genetic [Sin17, Bul09, EDN05, GKB11, SMOK06], Genetic-variable [Sin17], genomic [FNRV15], geographic [LS13, LGW13], geometric [DKN10], geothermal [SSZC18], Getting [DV08], Global [KMS10, CEW+10, JW06, MJGA17, SG17, ZYM17], Gnutella [HWS08], good [YHL+20], Google [GB08], governing [SN14], GPPUs [CS19], GPU [ADL16a, ADL16b, BCL09, EILB19, MUIN13, TNT116, UN14, YW11], GPU-based [ADL16a, ADL16b, YW11], GPU-LMDDA [ADL16a], GPU-OSDDA [ADL16b], GPUs [DD11, Nak14b], gradient [LR06, SEM14], grand [SBC+05], graph [AGM13, MM15], graph-theoretic [MM15], graphics [ABN+06, CIM+09, HRR+14], graphs [CFQS12, CHJ+14, CKOX16, QTCM20, WM20, XZY20, YYD11], Gray [AR14], grey [DBD11], grey-level [DBD11], grid [BH11, DA09, HB14, HLZ+12, MCYG13, OGD11, SCJM14, SS17, SRG+11, SCPB09, VBA12, ZPW10, COZ08, GB08, PK07, Tra11], grid-based [DA09, ZPW10], grids [BWHR07, DSI11, GKB11, KR17, LAWS14, LSB+14], Gridscape [GB08], Group [LK08, SK18b, Wac19, WCC05], Group-aware [LK08], groups [Kim16], guard [LZ05], Guest [Li10c, Xia08], guide [Bul16, HSSS09], Hadoop [WCW13], Hamiltonian [DYZ09], Hamiltonian-connectivity [DYZ09], Hamiltonicity [DYZ09], handoff [LZ05], Hardware [ESAA18, KF07, OA17, GST07], hardware-oriented [GST07], harmony [ESAA18], harvesting [ZD19], hats [ZKG17], healthy [SSS+17], heap [GACdM16], heterogeneous [Ch09, DNPT12, GACdM16, MS16, MT08, MSHH08, Nas10, SBPD05, SS12], heuristic [Li10b, Mah11], Hidden [KMK+18], Hierarchical [BWHR07, EMSY12, MS16, HLY11, Nas10], Hierarchical-based [EMSY12], hierarchy [WCC05], High [KR17, ECL+14, HL16, LHZ+10, LH10, SNMSA10, SP09, SHSS09, SS18, DS09], High-performance [KR17, SNMSA10, HSSS09], Highly [ZMX+13, DW05, SKZ12, Wal08], Hilbert [HLP07], Hilbert-order [HLP07], history [CL06], HMM [EMSY12], hoc [AAH08, BBFN10, Che07, DW05, DB08, IS14, MBB10, RG06, SCCrL06, SK14, SS18, SKZ12, YHY05, NJ19, WCW11, XM10, MB10], homogeneous [GACdM16], honeycomb [ZYLH09], hop [CTS+11], hop-count [CTS+11], Hopfield [ER14], host [DSI11], hosted [nDZD16], HPC [ECL+14, MSM+12], HPRD [LH10], hub [RS15], Human [LFL19, JWWZ16], human-computer [JWWZ16], hybrid [BWHR07, JWWZ16, LW07, SS13, SBPD05, WCL14, WFK18, XFC101, YWGH13], hydro [HBB+17], hyper [RCSQ09], hyper-exponential [RCSQ09], hyperbolic

I/O [RBU13]. IDA* [Mah11]. identical [DNPT12]. identification [MBCB18].


Implementation [KK17, AIN13, AAA16, ACV19, BCL09, GG11, Mic19, SSHM17, SO17]. implementations [Nak14a]. implemented [NGA13]. Implementing [Kar12, LAA13, YHT18]. Implications [NA12]. importance [BJ19]. Improve [PWL09, RB13, SS12, YWGH13]. improved [KMS10, SR12, TLO19]. Improvement [ATARY09, Aba19, IBCC15].


Issue [ADOKM10, Yu15, Ano06, Cho08, FNB11, Guo14, OA17, RH07, Tra11, VS18b, Xu06]. issues [FNRV15, IP08, Mi07]. Jaya [Mic19]. job [HLZ+12, PL19].

Journeys [SBC+05, SBC+06].

kernel [BMPV14]. Kinect [KPK13]. knapsack [ESAA18, Hu18, RNMQ12]. knowledge [ABF15]. KpyrRec [Urr08].


layout [WCW13]. leader [SS18]. Learning [ZCT07, Bul09, Car18, LWZ08, RSR15].
SK18b, SSS⁺¹⁷, VSB07, ZSYG18]. level [DBD11, EN16, EG18, FCL⁺¹¹, KZWS19]. libraries [BDT07], library [HSSS09].


[GHMSR12]. minimum [Che06, XC12].
mining [AMV07, BTK19, Dje07, LC15].
mise [Car18]. missing
[FY20, WM20, ZWMR20]. mixed
[KK18, GST07]. mixed-precision [GST07].
MM* [WM20]. MMPP [RCSQ09].
MMPP/M/1 [RCSQ09]. mobile
[ABN*06, AM11, BF06, CZXC06, CL06, 
CSA14, CFK17, DB08, HDK05, IS14, KX05, 
LS13, LZ05, MDJ10, NJ19, SS18, Sin17, 
SKZ12, TZG16, WCC05, WL06, WCL14, 
Xu06]. Mobility
[WCY15, Aba19, GHMSR12, RGS06]. mobility-aware
[RGS06]. Model
[Kuz18, AGM13, Ben07, COZ08, CH14, 
DCL17, DA16, EFF*19, GS11, JEH09, 
JW06, JMA17, LLCZ16, MTW12, MAG*19, 
RW20, RMK*19, SHB17, SR12, TLO19, 
WM20, WM09, WM13, XFCH08, YYD11, 
YHL*20, ZWMR20]. model-based
[AGM13, WM09, WM13]. Modeling
[Sha06, HBB*17, Pri17b]. Modelling
[BMB*19, HHY13, Ila12, Nas10, ST11, 
VRVG11, YS09, AAK16, AOKK08, 
DHRCB10, KBAO19, PGL16, SOKM05, 
ZD19]. models [BMT19, FNB11, Iha08, 
KN15, Luk18, Nka14a, Nka14b, NKC18, 
Pan18, RGS06, Wa08]. modern [SEM14]. Modified
[VSPK18, BPS*11, ER14, GSSR17].
Modulation [SG17, SKP13]. mold [SO19].
molecular [Oga17]. molecule [Oga17].
Monetary [KA12]. monitoring
[GB08, HB14, XFCH08]. monotone
[WW05]. Monte [HRR*14, WWLW18].
motion [DV08, MM15].
most [DV08, MM15]. motion
[BPS*11, Kuz18, Vre17]. motorways
[AP12, AAAS*13]. mould
[AP12, AAAS*13, Jon16, MJGA17].
movement [KZWS19]. movie [Mon07].
MRI [EMY12]. Multi
[AP18, JTZX05, SK18b, ADL16a, AWGW08, 
BMPV14, CG12, DW05, DB08, ERA07, 
GS11, GSSR17, Jon16, JMA17, KLMW10, 
KN15, KA12, LQS*10, MTW12, Mic19, 
ST11, SO19, SHSS09, SEM14, TP11, 
WBP16, YHT18, YWC09]. multi-agent
[Jon16, JMA17, TP11]. multi-attributive
[KA12]. multi-class [GS11]. Multi-Cohort
[SK18b]. multi-core
[BMPV14, Mic19, SEM14]. multi-cores
[KN15]. multi-dimensional [KN15].
multi-layer [YHT18]. multi-layered
[SO19]. Multi-objective [AP18, MTW12].
multi-paradigmatic [SHSS09]. multi-path
[DW05, YWC09]. multi-processor
[ERA07]. multi-rate [AWGW08].
multi-routing [DB08]. multi-scale [CG12].
Multi-shared-trees [JTZX05].
multi-tenant [WB16]. multi-tree
[LQS*10]. multi-type [GSSR17].
multi-unit [ADL16a]. multi-versioned
[ST11]. multi-writer [KLMW10]. Multicast
[RGS06, HRF10, JTZX05, MDJ10, YHWZ12].
multicomputer [SOKM05].
multicomputers [ABMOK10, ABMM*12].
multicore [AR14, EMERF15, FFHK19].
multidimensional [Urr08]. multigrid
[KTD*19]. multihop [Li0a]. multilayer
[EFF*19]. Multimedia
[BDT07, Dje07, GR07]. multiphysics
[BSSG*16]. multiple [BBF11, GSSR17, 
IA11, Li0a, YW11, ZCT07].
multiplication [HL07]. multiprocessor
[RNMQ12]. multistage [GS11, VRVG11].
mutual [DB08].
name [SA19]. named [SA19]. nano
[AZS17]. nano-biointerfaces [AZS17].
nanowire [KK17]. nation [KR17].
nation-sized [KR17]. native [GST07].
native- [GST07]. natural [Ben07, SAF18].
Navigation [Mar18]. nearest [Khe16].
neighborhood [Sin17]. neighbour
[YHL*20]. neighbours [Khe16]. net
[GR07, Pan18]. net-based [GR07].
organizing [ZCT07]. Oriented 
[DS09, CCLT08, ECL+14, LLW06, XFCH08, 
GST07]. oscillator [MJGA17]. OSDDA 
[ADL16b]. Out-of-core [CIM+09]. 
overhead [HSL10, ST11]. overlay 
[LZS+10]. overlays [CFK17].

P [LLCZ16, SSS18]. P-DOT [LLCZ16]. 
P-ELM [SSS18]. p2p 
[MD13, LW07, LZS+10, Tra11]. Pachycondyla [MBCB18]. packet 
[IBCC15, SYLS07]. packets [MJGA17].
padfem [BM07]. page [CML10]. pancake 
[CHJ+14, CKOX16]. paper [AXM+15]. Papers [Xia08, MW08]. paradigm 
[YHY05]. paradigmatic [SHSS09]. Parallel 
[AR14, BTK19, BM07, Ch09, DHRCB10, 
EFBAY18, Gor06, HRR+14, Mah11, PK07, 
AAA16, BC06, BPS+11, BSG+16, BB09b, 
EMSY12, EDN05, FNB11, JEH09, KF07, 
Li05, Li10c, MTW12, RNNQ12, RH07, 
Sha06, SME14, SMS15, St06, Wa08, 
dMDS09, CDF+07, DS09, HISSSS09].
Parallel/High [DS09]. parallelisation 
[BMPV14, EdM16, FFHK19]. parallelism 
[ACY05]. parallelization [EILB19].
parameter [SN14]. parameters [MBCB18].
parking [LS14]. Partial 
[EG18, ER14, LVZM18]. partial-discharge 
[LVZM18]. partially [ET09, SD07].
participatory [KA12]. particle 
[BPS+11, KPK13, MS16, Vre17].
partitionable [Khe16]. Partitioning 
[AM11, LCG18, MTLW12].
passing [Fer06, SCK15, ZMX+13]. past 
[CQS20a]. Path 
[CL06, DW05, EdM16, YWCO9].
Path-history-based [CL06]. paths [US16]. patterns 
[KZWS19, LVZM18, LC15, 
MJGA17, PRMF17]. Pearson [SR13].
peeking [LAWS14]. Peer [OJ10, Aga11, 
CZXC06, CFK17, Fre16, LWZ08, PWL09].
Peer-to-peer [OJ10, Aga11, CZXC06, 
CFK17, Fre16, LWZ08]. penalty [KKKK18].

pentagrid [Mar17]. people [RP07]. 
perceptron [EFF+19]. percolation 
[PGL16, RG10]. percolation-based [RG10].
PercolationNET [LZS+10]. perfect 
[CB10]. Performance
[ADOKM10, BMPV14, CFK17, DS09, 
ERA07, Li10b, L$\lambda$05, RG10, SOKM05, 
SKP13, SEM14, YW11, GST07, ABMM+12, 
BWR07, ECL+14, GS11, HL16, HLZ+12, 
HBS08, KMS10, KR17, Li10a, LMS16, LH10, 
Mah11, Mis07, PdP18, RBU13, SNMSA10, 
SHSS09, VRVG11, Zoo06].
performance-evaluation [GS11].
performances [Nas10]. periodic 
[MJGA17]. personal [FCL+11].
personalised [PRMF17]. perspective 
[Zho06]. pervasive [FCL+11]. Petri 
[GR07, Pan18]. phase [WB15]. pheromone 
[TLO19]. phonemes [SS13]. Physarum 
[JMA17, MJGA17, Pan18, SJ17, Sch17].
physical [Guo14, JWZL13, WCL14].
pipeline [YS09]. pipelined [SY07].
place [LZWD15]. planarian [DCL17].
plane [Mar18]. plants [Vol17]. platform 
[DNPT12, EdM16, FCL+11, Fre16]. play 
[SSH17]. player [SSH17]. players 
[SSH17]. PMC [YHL+20]. point 
[AWGW08, AAS+13]. policy 
[AWGW08, WBP16]. policy-customisable 
[WBP16]. pollution [MAO19].
polycephalum [JMA17, MJGA17, Sch17].
polygonal [WW05]. population [BPS+11].
population-based [BPS+11]. populations 
[JWZL13]. portal [GB08]. positioning 
[AGB10, SK15]. potential [MT08]. Power 
[CEW+10, GKST010, HB14, NJ19, 
SNMSA10, SCJM14]. power-law [GKST010].
powered [ZD19]. powerful [LX08].
precision [GST07]. preclusion 
[CHJ+14, CKOX16]. predicate [CB10].
predicting [dMDS09]. prediction 
[IBCC15, KN15, PL19, SSS18]. predictions 
[DS11]. Preface 
[CQS20b, El 19, Pri17a, Zel18].

OGD11, WBP16, XFCH08.
service-computing [OX08].
service-oriented [CCIT08, XFCH08].
Services [LSB+14, AM11, RMK+19, Zho06].
shortest [US16]. shrinking [CML10].
single [AL16b]. Oga17. SO19. TA017.
slave-slave [Mi807]. Sleep [CH14].
solution [CIM+09, Hu18]. solutions [OCV15, RNMQ12]. solve [EN16]. solver [BCL09, LR06]. solvers [KTD+19, GST07].
solving [ESAA18, Hu18, LAA13]. some [IP08]. space [BMB+19, BMPV14, ET09, LZ07].
space-time [BMPV14]. sparse [BCL09, GPZ08, HLP07]. spatial [BTK19, GBMB19, VSB07]. spatially [MAG+19]. Special [ADOK10, AN06, Cho08, FNB11, Guo14, OA17, RH07, Tra11, VS18b, Xu06, Yu15].
[BBFN10, CT08]. stable [AGB10, CD016].
stable-matching [AGB10]. stack [MRA+06, NM18]. standard [CD016].
[Guo06, WTB+07]. Steiner [RS06]. steps [Pr17b]. stigmergy [Vre17]. stimuli [JMA17, MJGA17]. stochastic
[MMS+17, NDP12, Oga17, OA17]. storage [AGK+19]. CFZ+10. MSM+12. strategies [EILB19, HBS08, RBU13, SS19]. strategy
[EFBPMOA12, KT17]. stream [LK08, YS09]. stream-based [YS09].
streaming [Ag11, MJGA17]. string [Nak14a]. strips [ET09]. Strong [CKOX16, RW20, SHM17]. structural
[GWJ09]. structure [ET09, SCBP09, Urr08]. structured [BMPV14, CFK17]. study [LL08, MD13].
Mon07. SAN+17. SN14. WTB+07. ZD19]. style [SSHM17]. subjects [SS18].
subhash [ABMOK10]. subscribe [MBCK12]. subsequence [QA07].
successive [WW17]. sum [QA07].
supercomputers [Wtb+07].
superhydrophobicity [NOS18]. Supernode [CS19]. supervised [VSB07]. support
[EN16, GWJ09, MB10, WCY15].
Supporting [BD14, AGM13, GS11, LZN+10]. surface
[NOS18, TB16]. surveillance [BS17, TLO19]. survey
swarm [EILB19, MBCK12, uDZD16, SRTE09, SS19].
swarms [NGA13, SWEEt [Kon18].
switch [AOKK08], switches [LLW06].
switching [BJ19]. symmetric
[Kim16, Oga17]. synchronising [AGK+19].
synchronization [GR07, KKK+18].
syndrome [EG18]. syndrome-based
[EG18]. syndromes [ER14]. Synergies
[SHSS09]. synthesis [KZS17]. system
[Aga11, AGM13, AP18, EN16, EG18, EFBBPMMOA12, GHSR07, HB14, HLZ+12, IS14, JWZL13, LS14, LAWS14, MBCB18, MMS+17, SY07, SN14, SMOK06, WCW13, WB15, XFCOH08, XYC+15, YHT18, ZMX+13]. system-level [EN16, EG18].
Systemic [Ben07]. systems
[ADL16a, ADL16b, ACY05, ADOKM10, BMT19, Ben07, BPV18, Bul09, CZX06, CIM+09, CFZ+10, CB10, Dis09, EDN05, ERA07, FFHK19, Fer06, GACdM16, GJB15, GSSR17, Guo14, HYJ16, HLY11, IP08, Ila12, KZWS19, Kim16, Li05, LL08, LZWD15, LMS16, MBCK12, MAO19, MDJ10, PB13, RNMQ12, SHB17, SEM14, SCK15, TP11, Vre17, WCL14, WVW11, Tra11].
tableaux [Kim16]. tag [XWC13]. Target
[Aba19]. task [FFHK19, Kim16]. tasks
[KF07, Li05, LCG18]. Tate
[SK15].
technique [CSAdS15, EMSY12, LMS16]. techniques
[OJ10, SMS15]. Technologies
[MMT+15]. technology [NM18].
temperature [TB16]. template [SMS15].
tenant [WB16]. Teraflop
[BWR07].
term [JZZ11, SSS18]. termination [BCJ06].
terms [MAO19]. ternary [WFK18].
terrorist [Ila12]. test [AAA16]. testing
[HB14, NNR15]. testing-based [HB14].
their [SHB17, SO18, YMLC07]. theorem
[Wac19, ZBH0H19]. theoretic
[AAK16, MM15, NNR15]. Theoretical
[Pr17b]. theory
[CVFC19, CSAdS15, EG18, Kon18].
theory-based [CSAdS15].
Thermodynamic [NM18].
Thermodynamic-RAM [NM18]. thread
[Sin17]. three [BM07]. three-dimensional
[BM07]. threshold [KK17, SCJM14].
threshold-based [SCJM14]. throughput
[NJ19]. tilings [Mar18]. Time
[CFQS12, SYLS07, BMB+19, BMPV14, Che07, CB10, EFBBP18, GR07, ILS10, LCG18, LZ07, PL19, PdP18, RCSQ09, NN14, Wal10, XFCH08]. Time-optimum
[SYLS07]. Time-varying [CFQS12]. timing
[FVCD05]. tissue [PGL16]. tolerance
[ECL+14, LL08, Zha16, ZW08]. tolerant
[CSW11, DKN10, JW06, KLMW10, US16, WW05, YZ13]. toolkit [SRG+11]. tools
[Mar18]. topology
[HBS08, SNMSA10, SJ17, VPS14]. tracker
[Kon18]. trackers [EPR06]. tracking
[LS14, PRMF17]. tradeoffs [RG10].
trading [AAM16]. traffic [CSAdS15, LL06, SS12, TJKY10, WKK15]. trailer
[Mon07]. trajectories [TGZ16]. trajectory
[CWT12, CWT14]. transaction
[BF06, Guo06]. transaction-based [Guo06].
transformation [CS19]. transition
[SKZ12]. Translating [Mar09].
Transmission [WLLW12, PGFA17, WW17].
Transport [OCV15, MMS+17].
transposition [XYZ02]. travelling [UIN14].
tree [Aga11, LZS+10, OT17, RG06].
tree-based [Aga11]. trees
[JTZX05, SJ06, XYZ02]. Trends [SS19].
trust [VBA12]. Tunable
[Wal10]. Twister
[Fre16]. two [Mar17, Mar18, SA19].
two-dimensional [SA19]. type [GSSR17].
types [Vre17]. typing [JWWZ16].
Ubiquitous [LDB+14, ADOKM10]. UMTS
[KMS10]. UMTS/WLAN [KMS10].
uncertain [WWLW18]. uncertainty
[NA12]. unconventional [Sch17, Sch18].
understanding [JJZ12]. unified
References

Eman AlQuraishi, Eman AlDwaisan, Alaa AlSaqaa, and Imtiaz Ahmad. A CUDA-based parallel im-

[AAA16]

**Adamatzky:2013:MRS**


**Alsalih:2008:CAH**


**Alsarhan:2016:RTC**


**Abawajy:2015:CAB**


**Ababneh:2019:TLA**

Alamri:2015:TAM

[ABF15]

Ababneh:2012:ECP

[ABMM+12]

Agu:2006:MAM

[ABN+06]

Angjeli:2013:LMF

[ACL13]

Altomare:2019:DAE
Albino Altomare, Eugenio Cesario, and Andrea Vinci. Data analytics for energy-efficient clouds: design, implementation and evaluation. *International Journal of Parallel, Emergent and Distributed Sys-
REFERENCES


Kemal Akkaya, Ismail Guneysus, and Ali Bicak. Autonomous actor positioning in wireless sensor


AlAghbari:2013:EED


Akl:2014:WC


Akl:2016:NE


Asif:2011:PFM


Al-Mouhamed:2015:EAO


Adda:2007:RRM


Anonymous:2005:E

REFERENCES


Anonymous:2018:Ca


Anonymous:2018:Cb


Anonymous:2018:Cc


Anonymous:2018:EN


CODEN ???. ISSN 1744-5760 (print), 1744-5779 (electronic).

Anonymous:2018:ME


Ashraf:2018:MOD


Ali:2014:PBR


Alonso-Sanz:2016:QPD


Alonso-Sanz:2018:BM


Adamatzky:2007:E


Amrouche:2009:ISR


Abusubaih:2008:NAP

Murad Abusubaih, Sven


REFERENCES

Baker:2006:EPT


Buatois:2009:CNC


Badia:2014:SQQ


Bertini:2007:MEO


Bentley:2007:SCM


Brayner:2006:MTP

Angelo Brayner and Jos De Aguiar Moraes Filho. On mobile transaction processing in dynamically configurable mobile database


**Buono:2014:PAS**


**Belcastro:2019:PMS**


**Barsi:2009:ECP**


**Bakwad:2011:FME**


**Bianchi:2018:ABC**

Burnap:2015:CTI


Bontzorlos:2017:BAA


Bauer:2016:PEM


Bendechache:2019:PDC


Bull:2009:DGP


Bull:2016:EBN

Bergen:2007:HHG


Caravelli:2018:MSM


Chu:2010:EPP


Carvalho:2019:ICA


Carvalho:2016:ESE


Cao:2010:PSE


Chowdhury:2017:PAS


Casteigts:2012:TVG


Chen:2010:IFA

Che:2012:WAM


Chen:2014:SWS


Chelius:2006:LUB


Chen:2007:DRA


Chi:2009:PQN


Cheng:2014:MPC


**Chou:2008:SIA**


**Castillo:2009:CSL**


**Cheng:2016:SMP**


**Cao:2006:PHB**


**Christophe:2017:BWS**


**Cao:2010:SMW**

Jiuxin Cao, Bo Mao, and Junzhou Luo. A seg-


REFERENCES

ISSN 1744-5760 (print), 1744-5779 (electronic).

Chen:2019:STG

Choudhury:2014:CAB

Cuadra-Sanchez:2015:PNI

Chatterjee:2011:WAA

Chen:2011:EDF

Chaudhuri:2008:SSA
Chen:2011:FAR

Chliamovitch:2019:ACC

Chang:2012:WDC

Chang:2014:ICT

Chliamovitch:2019:ACC

Cao:2006:CCC

Dang:2009:RAA
Minh Quan Dang and Jörn Altmann. Resource allocation algorithm for light communication grid-based workflows within an SLA context. *International Journal of Parallel, Emer-
REFERENCES

Dhanalakshmi:2016:EEC


Dey:2019:OSR


De:2011:EGL

De:2017:CMP


Dolan:2011:CBL


Dehne:2010:PCM


Distefano:2009:HCD


Djeraba:2007:DMM


Du:2010:GRP


deMello:2009:EPC

Rodrigo Fernandes de Mello,


El-Fakih:2018:PAR

Esquivel-Flores:2012:BCB

ElYacoubi:2019:MPM

Elhadef:2018:PSB

Essaid:2019:GPS
ElYacoubi:2019:P


El-Moursy:2015:FMA


El-Moursy:2012:HBP


Elhadef:2016:USV


Essig:2006:NNG


Elhadef:2014:FDU


Elhadef:2007:PAE

[ERA07] M. Elhadef, L. B. Romdhane, and B. Ayeb. Perform-

**El-Shafei:2018:HAS**


**Elbidweih:2009:MSD**


**Fatoohi:2010:ANA**


**Fernandez:2015:ROC**

Carolina Fernandez, Carlos Bermudo, Gino Carrozzo, Roberto Monno, Bartosz Belter, Kostas Pentikousis, Umar Toseef, Tomohiro Kudoh, Atsuko Takefusa, Jason Haga, Bart Puype, and Jin Tanaka. A recursive orchestration and control framework for large-scale, federated SDN experiments: the FELIX architecture and use cases. *International Journal of Par-

Feng:2011:CLS


Ferner:2006:RCC


Fazlali:2019:ADM


Fratto:2017:UFI


Fujiwara:2011:SIA

REFERENCES


[GB08] Hussein Gibbins and Rajkumar Buyya. Gridscape II: An extensible Grid monitoring portal architecture and its integration with


REFERENCES


[John Garofalakis and Eleftherios Stergiou. Analyti-


He:2014:NHT


Huang:2017:SMH


Huang:2008:ITU


Hwang:2005:EEO


Hermosillo-Gomez:2019:RET


Hong:2013:EEC

REFERENCES

???

ISSN 1744-5760 (print), 1744-5779 (electronic).

Hong:2013:MCB


He:2016:FDA


Hu:2011:HAI


Haase:2007:HOM


Hu:2012:OEP


Hernandez:2010:ECO

Saul Eduardo Pomares Hernandez, Luis Alberto Morales Rosales, and Jean Fanchon.

**Hailat:2014:PMC**


**Hu:2018:PSD**


**Hoefer:2010:AMO**


**Heinzl:2009:GPL**


Oscar H. Ibarra and Andrei Pâun. Computing with cells: membrane systems —

**Indirani:2014:SBE**


**Jendrsczok:2009:SCA**


**Jedda:2012:TBU**


**Jia:2005:MST**

REFERENCES


Bill Karakostas. Implementing robust workflow management in Erlang. *International Journal of Par-
Kassougue:2019:CAA


Komann:2007:REI


Kaled:2016:DAC


Kim:2016:RTA


Kuroda:2017:INC


Kale:2018:CIA

Ishaan R. Kale and Anand J. Kulkarni. Cohort intelligence algorithm for discrete and mixed variable engi-


Khasymski:2015:SBB


Konkoli:2018:DTR


Kuckuk:2013:IPD


Kuschel:2017:HPS


Kohno:2017:CSS


Kohl:2019:HFE


Kuznetsov:2018:MMA

Alexander V. Kuznetsov. Model of the motion of

**Kona:2005:IMA**


**Kojec:2017:ESA**


**Kengyel:2019:TSL**


**Larrea:2013:IWF**


**Li:2014:NPP**


**Lin:2015:DAN**

Wei-Tee Lin and Chih-Ping Chu. Determining the appropriate number of nodes for fast mining of frequent patterns in distributed computing

**Liu:2019:MBF**

[LFL19]


**Lin:2018:AAP**

[LGW13]


**Lopes:2014:OMI**

[LH10]


**Levene:2019:HDL**


**Li:2013:DLB**

[LGW13]


**Liu:2010:HHP**


REFERENCES


**Marowka:2009:BCT**


**Margenstern:2017:WUC**


**Margenstern:2018:NTC**


**Migas:2010:AHR**


**Mian:2010:REE**


**Maamri:2018:PAM**

F. Maamri, S. Bououden, M. Chadli, and I. Boulkaibet. The *Pachycondyla Apicalis* metaheuristic algorithm for parameters identification of chaotic electrical system. *International Journal of Parallel, Emergent and Dis-
Mayer:2012:RPS

Mal:2013:EVS

Margariti:2013:SRF

Micsic:2007:DPI
REFERENCES


Mamatas:2008:EES


Munakata:2010:CCU


Ma:2012:MOH


Man:2013:ACE


Misic:2008:BPW


Nagy:2006:QCQ

REFERENCES


Yuta Nishiyama, Yukio-Pegio Gunji, and Andrew Adamatzky. Collision-


[Takahide Oya and Tetsuya Asai. *Special issue of*]

Oulmahdi:2015:TPL


Ogawa:2017:NSS


Othman:2011:ASG


Ogston:2010:PPA


ONeill:2017:MAM


Oyo:2017:ECV

Kuratomo Oyo and Tatsuki Takahashi. Efficacy of a causal value function in game tree search. *International Journal of Par-

Pancerz:2018:PNM


Pokahr:2013:ACA


Pereira:2018:NRT


ISSN 1744-5760 (print), 1744-5779 (electronic).

Prati:2017:NAT


Privman:2016:LPA


Praxmarer:2007:PCG

Peter Praxmarer and Dieter Kranzlmüller. Parallel computing and the Grid—experiences and applications. International Journal of Parallel, Emergent and Distributed Sys-
REFERENCES


Qiu:2007:FMS


Qin:2020:CV


Rago:2013:UES


Rashid:2019:LAR


Romano:2009:AVE


Raman:2010:PTA

REFERENCES

ISSN 1744-5760 (print), 1744-5779 (electronic).


REFERENCES

Rayati:2015:OOC

SA19

Safonov:2018:CNE

Sanghera:2017:IBD

Rayati:2015:OOC

SA19

Safonov:2018:CNE

Sanghera:2017:IBD
Stepney:2005:JNC


Stepney:2006:JNC


Sarr:2006:NBA


Schumann:2017:CUR

REFERENCES

ISSN 1744-5760 (print), 1744-5779 (electronic).

Samanthula:2014:STB


Singh:2015:CDS


Sulistio:2009:GES


Subramani:2007:EAA


Sibai:2014:PEC


Sakiyama:2017:MEG

REFERENCES

ISSN 1744-5760 (print), 1744-5779 (electronic).


REFERENCES

ISSN 1744-5760 (print), 1744-5779 (electronic).


Stella:2013:ODW

Somasundaram:2011:VTV

Simplot-Ryl:2009:DAE

Singh:2017:FFD
Sharma:2018:EAE


Souravlas:2019:TDR


Sato:2017:APS


Shirakawa:2017:GAM


Syed:2018:STS


Smaglichenko:2018:SAC

Tatyana A. Smaglichenko, Alexander V. Smaglichenko, Ivan Zelinka, and Boris Chigarev. Seismic attrac-
tor can assist in finding of

[Saso2011MCO]

[ST11]

[Suz05]

[Suz07]
REFERENCES

Sem:2007:RDL

Song:2007:TOP

Sun:2020:REC

Tofigh:2015:NAB

Takano:2017:DES

Tarakanov:2016:SST
Alexander O. Tarakanov

**Tiab:2018:NQA**


**Talebi:2010:PFF**


**Tinoco:2019:IMS**


**Takeuchi:2016:CA**


**Traskas:2011:MAS**

DEN 1744-5760 (print), 1744-5779 (electronic).


Umrao:2016:FTR


Vijayakumar:2012:EAB


Volkov:2017:BMA


Viswanathan:2014:OTC


Vreeswijk:2017:EDM


Vasiliadis:2012:CBW

Vasiliadis:2011:MPE


Vourkas:2018:ME


Vourkas:2018:SIA


Vatsavai:2007:ESS


Viktorin:2018:MPR


Wacker:2019:GET

Wallace:2008:TFM


Wallace:2009:PCM


Wallace:2010:TEC


Wang:2016:DAP


Wang:2005:NGC


Xiaoyan Wang, Jie Li, Kui Wu, and Huaibei Liu. Transmission rate enhancement via adaptive relaying in wireless networks. *In-


Xu:2020:CCC


Yu:2020:GNC


Yakopcic:2018:FMB


Yang:2012:REO


You:2005:PCQ


Ying:2015:PLP

Yuan:2009:SSM

Yang:2007:GMN

Yuen:2009:SSM

Yu:2015:SIN

Yamagiwa:2011:PIR

Yamagiwa:2009:MPS

YWC09
Yu:2013:OSI


Yang:2011:CDD


Yang:2010:DAG


Yang:2013:CFT


Zenil:2019:CTL


Zheng:2007:LML

REFERENCES

Zareei:2019:EHM


Zelinka:2018:P


Zhao:2016:OBF


Zhang:2018:ECA


Zhou:2006:ISA


Zhang:2017:DHN


Zhou:2013:HRM


Zhuang:2010:EOG


Zhao:2018:DCD


Zhao:2018:ABB


Zurawski:2008:FTS


Zhou:2020:DEA


Zhang:2009:RAH

REFERENCES