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Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA  
Tel: +1 801 581 5254  
FAX: +1 801 581 4148  
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)  
WWW URL: http://www.math.utah.edu/~beebe/

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**Title word cross-reference**

(a, b) [DJM94]. (f, g) [CDD+15]. (k, 2) [EMMM94]. (κ − κ) [KT91]. 0  
dADC18, EE05, PMV05, PM96, SM89b]. 1  
dADC18, EE05, HV09, JM14, PMV05, PM96, SM89b]. 1 − m [SJG19]. 2  
[Ano93e, BDKM94, BAES92, CHCG18, CS92, CS93b, DJDK19, HSSM07,  
HHC98, KRKS11, KLC05, LXLS12, LME95, MD01, SS94b, TSFZ14, Tur12,  
WC91, WS95, Wu02, YA11]. 2.5 [MPG17b]. 2 log N − 1 [CC14]. 2 × 2 [PD92].  
3 [AA14, AA16, BDRB14, BAL05, BC94, CW00, CCCM96, GOH+13, GW99,  
Joh89, LLFJ18, NM17, OGRV+12, PYP+10, PEC95, SLV19, WC91, Wan07,  
WS95, YA11, YB01, ZLS17, Zsa16]. 4 [KMC16, MD01]. 45 [HRF+11]. 4 × 4  
[ASST05]. 3 [ASST05]. B [YL89]. C³ [HK96]. C³I [PAJC97].  
d [DFN+94, DTK11b, LSC00, VB94]. ωW [MRRT07]. G [BFKW13, BNP98],  
GF(2ⁿ) [SKH15]. h [GS98, KLP10]. hp [PPTV+10]. K  
[ACU08, BE95, DWG03, DBCF13, HHC98, SHL95, WL11, Amm16, BVB02,  
CDDL10, DW06, DH91a, GP00, KK98a, PD05, PK04a, PRHB06, PK07,
RP98, RDA18, SSKS11, San99, SAOKM03, SGR03, SLP+98, SZ00b, SDG17, TT98, WCH+17, WS97b, YTH07, YD98, ZHT16. $k(n - k)$ [Lin03]. $K_{1,3}$ [LLFJ18]. $\kappa$ [XL95]. $L$ [ZBW+17]. $LTQ_n$ [XHZ16]. $LU$ [FHL+15, SLV19]. $M$ [YLB90, ABBD14, Kar19, SJG19, WTB+08]. $N$

[AY98, IHM05, NTA96, SHT+95, AKPT99, BVBO2, GL90, LLFJ18, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. $\nabla^2 G$ [CL85]. $nn$ [PK07]. $n \times n$ [COS+95, NS94]. $O(1)$ [Can18, GP94, Wan07]. $O(\log 2N)$ [BNP02]. $O(\log_2(\min(m,n)))$ [XL11]. $O(\log_2 n)$ [JBL02]. $O(\log m, \log N)$ [CC14]. $O(\log \log N)$ [DP98]. $O(\log N)$ [GS99]. $O(n)$ [DLV11]. $\Omega$ [MRRT07]. $P$ [BM97, PMV05, YBX+13]. $P^3E$ [HSJP87]. $P_4$ [ANP07]. $\phi$ [AK07]. $\pm 2^p$ [Nas94]. $q$ [DP00, Lat98]. $QR$ [BDH+15, FHL+15, ZLRP91]. $t$ [CRHC19].

-alliances [CDD+15]. -ary [BVBO2, DP00, Lat98, LLFJ18, PK04a, RP98, SAOKM03, SJG19, TT98, WS97b, XL95, YTH07, YD98, SHL95].

-Bandwidth [BM97]. -banyan [YL89]. -based [AK07]. -Best [BE95].

-Body [SHT+95, IHM05]. -Chain [BNP98]. -clustering [CDDL10]. -connected [DW06]. -coverage [Amm16]. -covered [CHCG18]. -Cube [RP98, PK04a]. -Cubes [XL95, BVBO2, LLFJ18, SAOKM03, WS97b, YTH07, YD98]. -D [Ano93e, BAES92, CS93b, SS94b, CW00, GW99, LXLs12, PEC95, Wu02, YB01].

-delta [YL89]. -Dimensional [AKPT99, CCCM96, DFN+94, VB94, DTK11b, KLC05, LSC00, SGR03].

-disjoint [KMC16]. -distributed [CRHC19]. -dominating [DW06].


/compute [KAS07]. /many [KSG13].

0/1 [BW18, LSS88]. 0/1-Knapsack [BW18].

1 [HV95, MF94]. 1-Knapsack [BW18]. 1-type [GA18]. 1-Writer [HV95]. 10 [LB12]. 10-Gigabit [HeC05]. 113 [KN18b]. 16S [ZFWF06]. 1D [PA04].


3 [BFG94, KMC16, MKY+97]. 3-D [BFG94, MKY+97]. 3D [AB03a, CGW+03, GS03a, MJ03, NPI+96].

4 [BAM93]. 42 [Ano97c]. 46 [Ano97g].

5 [LAD+96, PTC+93]. 53 [Ano00d]. 5G [DAPR18].

60 [Ano00b, Ano00c]. 66 [Ano93e, CS93b].

71 [LSS+11a].

80 [Ano97k]. 802.11 [BCD00, ZBR11]. 802.11e [FA07]. 802.11n [GZY14a]. 802.11s [VHH08]. 860 [DHR96].

90 [HLJ98]. 90D [BCF+94]. 90D/HPF [BCF+94].
active/active [HOE+09]. Activity [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19]. Activity-Based [AS00].

Ad [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19]. Activity-Based [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19].

Actor [ASM09, YpGyiLiC13]. actors [GE85]. ActorSpace [CA94]. actuator [KKKP12, SCN12].

Acyclic [GY92, AFM09, BP89, Zim90]. Ad [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19]. Activity-Based [AS00, CW93, CWZ+18, HES11, SZR+18, Udd19].

Actor [ASM09, YpGyiLiC13]. actors [GE85]. ActorSpace [CA94]. actuator [KKKP12, SCN12].

Acyclic [GY92, AFM09, BP89, Zim90]. Ad [Ano01e, GS01b, LC14b, RBP+11, TM10, XG03, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BDF01, BN03, Bou03, CNS03, CW05, CY06, CDCD05, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMX06, GMA07, HW03, HK07, JLWX11, KB06, Kim11, KSK15, KNS06, LAZC00, LR03a, LPX05a, LW06a, LHW14, LR03b, LHT08, LMN+14, OS05, OM10, OMSGNSG05, Pat01, SSCP12, SSM+06, SG08, SKMM04, SGS08, SKM06, SJS11, TC13, VA03, WT+08, WGS08, WBTM09, WHS+18, XHG03, XWC+08, YC04, YSS11, YWW12, ZMC06].

ad-hoc [BOP06, CY06, KSK15, LHW14, NMN+14]. Ada [Lun90].

Adaptable [Zim96, LLLC15, LFGM17]. adaptation [BK08, GBMZ07, KGN11, LS06, NZY+11, WMC+18, WWY+18, YHYY18a].

Adapting [DKRl09, We02, SW18, WRW13]. Adaptive [ASH+01, AA03, AA16, AMN00, ACPT15, AYIE98, ACFK07, BLPA05, BFVB19, BOT13, BPR99, BL90, Bou02, CS00, CMG14, CLT96, DY99, DH02, DMB97, DM99, FLS+97, ISM07, JK00, KR97, KKGS01, KG10, KLLL98, KB01, Lun94, LLL06, LK08, LC11, LME95, LEB98, ME04, MV88, MD92, MTS90, OB98, OR97, PW96, PRS97, PIB+01, RDS02, SS06, SJK97, SJ95, SB02, SS02, SLG06, SHT+95, TC04, Ten90, UBES10, VMMB10, WCE97, WA02, WL10, YIY97, ZHLQ12, ZM94a, AOSM05, AGMS04, APK18, AF17, BM17a, BCFF05, BMT12, BBS13, BEN12, CL03a, CMMN10, CKC19, CP04b, CDCD05, CAF+11, DMB+03, DLW+12, DAB+14, ESA03, GBA08, GA16, GNZ18, HNSA07, HKH15, IZ12, KK17, KKK+19, KMF+05, KKS08, LST17, LY91, LHX+16, LWW18, LA04, MCDS+06, MSA04, MP17a, MPN17, MSEM+19]. adaptive [NNKK16, OPG08, OS04, PTPT+10, SMO14, SB12, SHLN09, SMB10, SHC14, TLY12, TKHG04, TT07, WW04, ZXY11, ZLCC18, ZWRI07]. adaptively [Mit07]. Adaptivity [OH02]. ADDAP [DHR96]. Addendum [Ano92a].

Adders [NIR86]. Adding [MSZ05]. addition [OB88]. Additional [LP97, CK07].

Address [KY96, SL97, TR96, YQT12, WZ13, YGZ+10, YC12]. Addressable [Win85, KRM14]. Addresses [CGL+95].

Addressing [ZLPP01, Ho91, TY90a]. adjacent [CFJ13]. adjusted [TDBL13].

adjusting [MC91]. ADM [Pad93]. administration [LB17]. Admission [MO011, AAA+10, MCMZ14, RKK06, XYDL06, YJKD10]. ADMs [FSZ07].

Ads [BA01a]. advance [CRH11]. Advanced [BW95a, HDCM11, MCP+18, PH18, PSGS17, SD88a, TSD08, DMK19, PLL+03, SHT+08, ZXMR18].

Advancement [Lan09, LZ11, LVR90]. Advances [GA16]. advantage [CL03b]. advantages [CCLS94]. Adversarial [GBMZ07, WLK+19].

adversary [dOCS14]. advertisement [WGC09]. advertisement-based [WGC09]. advice [DP12]. Advisor [uRIL+18]. aerial [SRB+19]. AES
[ABO+17]. affected [LdPLC+19]. Affecting [DVW94]. Affine
[DR95, DRR96, Dja06, DQR+09]. Affine-by-Statement [DR95]. Affinity
[TTG95, HD10]. after [DRR96]. against [SCC+06, XCH08]. Agate
[CPZP16]. Agent
[Ser97, FCC07, GZMC08, Rao16, SS06, YZS15, YHWY18a]. agent-based
[FCC07, Rao16, SS06, YHWY18a]. agents
[AK06, CSWD03, FP17, KERUM04, MS05, SGAC14, SMO+18, BJ18].
aggregate [AMT13, Yan09]. aggregated
[Chi95, Chi95]. Aggregation [MBMC19, BCO+12, CDR09a, CDR09b,
JBA15, JBS14, JHPL13, SSKS11, XHZ+10, ZSCX18, Zsa16]. Aging
[BM17a, LC14a]. Aging-aware
[AP16, GCS06, HC11, LLW12, REK10a, REK10b]. Ahead
[PL93, mH14, SHL+13, TG04, TLL+18]. AHMW
[BMT12]. AI [ULL84]. Aid
[DBKF90, CVK+18b]. aided [SV18, ZMC06]. air
[FL86, YBM13]. Airshed
[SS00]. Algebra [CDH84, DVW94, KL01a, WM92, Eme13, FHL+15,
ICQO+12, Joli98, LKD14, RG87]. Algebraic
[PL06, Pat01, BAH04, BM08, CM03]. Algorithm
[AA01, AE95, AM97b, AMS94, Als01, AS95, Ano96, AS96,
ABC+09a, ABZ95, Bai94, BCC95, BGR96, BS97, BPST96, BOSW94, BE95,
BDDL09, Bou02, BX93, BHR95, CLZ02, CGKK97, CCM01, CB99, CSW08,
CS93b, CP92, CTZ99, CF08, CRFS94, DA97, DM90a, DMB97, DS01, DS84,
DH94, DSAUM99, DLP99, DT97, FY96, FT94, GGN93, Ger98, GRR93,
GP90, GS99, Haw97, HH01, HBJ98, HO94, HM99, Hwa97, IZ95, JP95, Jia99,
JK00, KRSZ02, Kar02, KSA95, KK98b, Kau94, KS97b, KW02, KA97,
KC99b, LP96a, LO94, LHW95, LP97, LWP02, MT97a, Mi99, MV94,
MSST99, NT96, NM02, Par98, PE93, Par96, PL94, PB95, PM96, PRS97,
PM92, RR95a, Ren11, RP95, SAOKMA02, SZ00b, SCC92, SR94, Shn95,
SM00, TU92, TZ00, WSRM97]. Algorithm
[WD94, WA02, WLD02, XWC+08, YZY96, mYyF92, ZB97, AOS+05, AT03,
AA10, ALM+16, AA14, AA16, ALLM11, AK07, ATH91, AGMS04, Ara90,
ADD81, ARDQ18, BFG+03, Bad04, BC05, BCF+05, BSG90, BCH15,
BFKW13, RDD18, BH05, BB04, Cal06, CR91, CDD10, CC14, CM03,
CV90, CK13, CLOL17, CPLY18, CS92, Che99, Cho90, CZ90, CRC+02,
COF+17, CSW+17, CDW+19, DFHH13, DK08, DK11, DNN09, DL19,
DB08, DM90b, DB86, Ebn04, EE05, ED05, FZWL12, Fe03, FSZ07,
GLW14, GPX08, GGR89, GT04, Gue86, GL12, GB06, GAHO17, HJ90a,
HES10, HSS10, HES11, HSY10, HRJ94, HLM+90, HVW16, HL07, HWY+10,
JXZ+19, Kal04, KR10b, KHW13, Kar19, KK06, Kim17, KM03, KA91, Koc91,
KIH15, LVP08, LHW19, LSS88, LAS15, LMZ04, LLCZ19, LO91, LTL12,
LU14, LW16b, LB99, LYIP19, LP88]. algorithm
[MD07, MM07a, Mar88, McD89, MMS09, MM07c, MP08, MMS90,
MSE+19, NHO+13, OS04, OT86, PDP17, PK05a, PB15, PH04, PB09,
Q05, RH05, RGD03, RT18, RBC17, RBOH+18, RDA18, RKS87, SV19,
SSTP09, SCJ+08, SMP17, SA08, SKK91, SM08b, SW+17, Tam18, TLQ12,
Tát11, Ter16, TKHG04, TYA16, TSFZ14, WLL16, WSH+03, WJV07, Wan07, 
WG08, WGC09, WCL+13, WWW17a, WJ12, gWW18, XHY07, XL11, XQ07, 
XZW14, XSYG18, Yan04, YME06, YWJ+18, YÖ11, YSS11, YZLT09, ZZ90, 
ZF06, ZQMM11, dOBC+15, CMR10, KM17, LY12. Algorithm-Based 
[GRR93, mYyF92, BDDL09, LP88]. Algorithm-system 
[CSW08]. Algorithm/implementation 
[HVV16]. Algorithmic 
[Gao89, SCB08, BBH+17, CG11, JF12, LS05]. Algorithms 
[ANT02, AaJS01, AKP95, ABM+92, BJ96, BJ99, Bah00, BPJG92, BLPV95, 
BGJDL02, BAES92, BAGS95, BBM+02, Ben15, BSDE96, BOP06, BPR99, 
BS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CD97, Cha94, 
CG0+96, CDP94, COS+95, CN93, CP91, CHR94, CWP98, CA95b, D95b, 
DP98, DH02, DP99, DM92, DSH90, DFRCU99, DBKF90, DKMV01, 
EP90, ESMG96, ENMM94, EL97, FTM+14, Fr95, Fr96b, FA95, FY97, 
FTC00, GG94, GP94, GV94, GM96, GHSJ96, GMMM00, HHM94, HQPT99, 
HCWS94, HR92a, HP97b, HTB98, HO94, IK93, IK94, Iq92b, IM00, JW94, 
JS94, KRC00, KAM94, KZ97, KG94, KA99, LHS97, LSH96, LHBB+01, 
LCC02, MB99a, MMR98, MS94, MMVR97, Man97, MT96, Mat93, MHC95, 
MK92, MS98, MS99b, N95, Nas94, PAH+98, PAJC97, Pov99, Pra93, Z94]. 

Algorithms 
[QOVdG01, RS96a, RR95b, Raj01, RSS96, Ram92, RDS02, RSW90, SH90, 
SS96, San95, San99, San01, SY01, Sto90, SYG92, Ten90, TVS97, 
TC96, TFV+15, ÜD96, VB94, VR95, WNA+94, WR97, WA02, WD92, WN94, 
WT92, WHT00, WHT02, YMR93, dBL95, AL04, ANE03, ASC+18, Ara13, 
ACCP12, AAC10, AF17, ARVZ14, ACF07, BC06, BK+15, BBBC12, 
BMT12, BS87, BAS06, BOS+91, BKCM17, BFG04, BRPR06, BPP05, BM08, 
CM04, CP10a, CF88, CRH11, CNS03, Che86, Che05, CRSB13, CRA+08, 
CRD17, CB06, Cuz11, Cuz13, DS04a, DH91a, DJ16, Dja04, Dja06, DCA+15, 
DKU15, DJT03, DM94, FH+15, Fen90, FBRW03, FGG08, FJSW90, FM85, 
FVCL05, GMM12, GP07, GZY14a, GM14a, Go90, GKH98, GWH06, 
GS03a, GC07, GN15, Han98, HSM07, HSW04]. algorithms 
[ICQO+12, IC05, JMS86, JST12, BJR91, KR10a, KHT+14, KJD03, KS08, 
KAP90, KSS14, KK10, KMS10, KKB+06, KS91, KMP+06, KR11, LW90, 
LML06, LW96a, LW+12, LS98, Lin91, LS91, LS03, LLW07, LA04, LVB07, 
LG08, LV88, LS+15, MM04, MP09, MCAS12, Meg91, MCT06, MRS+14, 
MM07b, MS88, MKM16, MG03, MV99, MSAZ10a, MSAZ10b, MAR87, 
NTN12, N04, OA10, PKN10, PD05, PH18, PY09c, PL03a, PH16, PPSV15, 
PA04, PS14, PRG98, PS98, QGZP19, RT0591, SM89, SS06, SM98b, ST87, 
SPH13, SAF05, SZW05, SGM08, SHRM19, SD88b, SSV10, Sto87, TY90a, 
TW87, TK08, TWQS12, TUR12, VAF19, VS16, WC91, WCWH03, WR91, 
YZG18, ZGJ+18, ZV99b, ZXM018, dVCP06]. Align [BR95c]. aligning 
[LVB07]. Alignment 
[BRR01, CG0+96, DRR96, Ml99, MJ01, SS94a, BBM08, BFWK13, BR91b, 
BMARW07, LC91a, PTZ06, SK09, SPRG+12, SRT+18]. alignments 
[BW09, ST85]. All-Output-Port [ST02, ST06]. all-pairs [KS91, DCA+15].
All-Port [RJMC95, Dim04].  all-reduce [PY09c].  All-to-All
[HP95, LHS97, LWP02, Ede91, LR03b, PW16, ZTFK16].  Alleviating
[Tze91].  alliances [CDD+15].  Allocating
[BPRG04, HAg97, SEP96, SCS+08].  Allocation
[AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97,
KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SdS97, SP96, YL98,
Zhu92, ALH+09, AKSM08, AAA+10, ADD17, ATZ07, ACCP12, AH06,
BMB+08, BG86, Bat05, BSMH08, BSS+13, BPW05, CCA18, CDS10,
CPLY18, DW12, DM90c, ER90, GNT04, GRDB05, HWY+10, HLL+19,
HB11, HGX+19, JL11, KR10a, KR10b, KHW13, KS18, LHF91, LC91b, Li05,
LL10, LL12a, LL12b, LDP+14, MCC04, MLK+16, NVK+11, PKN10, PM05,
PBS08, RLH03, SSM+16, SCNP12, SCW+18, SCMS12, SHL+13, SSM+06,
SSVC10, SSB16, SSM+07, TFMS15, YYWZ19, ZG13, ZI08].  Allocations
[BE95, CT96, SSM08].  Almost [JBP00, SS95, EB13].  almost-optimal
[EB13].  Alphabetic [LP96a].  alternate [LS03].  Alternating
[BC94, HWY+10].  Alternative
[GW99, Pad93, Can18, CBV08, GB06, Ros85].  Alternatives
[BAHP01, NBS99].  alternator [LW06b].  ALU [KF90b].  Always
[BRR01, AD10].  always-on [AD10].  ambiguities [RK18].  ambiguity
[LDSL16].  Amdahl [CN14, NZ17, SC10].  Among
[OO85, GM94b, KS03, NMS93, ST12, ZWY+15, ZCW19].  AMR
[GW06, RV13].  AMTE [HCM11].  Analyses [KY96].  Analysis
[Abr96, Ano92a, BCV94, BCF97, BN94, Blu87, BDF01, BLG01, Buc92,
CK88, CC91, CSMML10, CAB94, DLLX97, ES89, Fra92, GM94a, GSG+93,
GCC95, GC01, HLM+90, HC97, HF96, IM94, JV09, KME92, Kop97, LW89,
LDS16, MF94, MT93b, MM93, MS99a, MRR+02, MT96, MDD97, MHBW86,
NMB93, NMS98, OD95b, OS93, PD92, Piu01, PAJC97, RPS93, RKS87,
SM9a, SLP+08, SW90, SWHB17, SHC93, ST08a, VSM96, WCF14, XL92,
ABC+88, AFK14, AK18, BC0FF05, BBH+17, BFG04, BFL+13, BC11, BM08,
BF13, CK06, CSL15, CTK11, CH06b, CWL+07, CLXX19, CW18,
CPO+03, FC90, FOS91, FX06, GZG+17, GBA08, GHC+17, HRC09,
HSH10, HA91, HB11, IKS87, IC05, JF12, JT88, JBM91, KME89, KA08,
KBK+19, KK10, KKK+11b, KG04, KLL87, LMSK18, LD6+18, Li06a].
analysis
[Li06b, LpJS+18, LZC11, LH05, LP88, MM06, McD89, MA5Z13, MBO11,
MEMEMH17, NSN17, Pak89, PL06, PRB06, P90, Pfe90, PL03b, PLK+18,
RM0, RGU08, SMW18, SPPA19, TLY12, TMM06, VLIW18, WSH+03,
WF89, Wu11, XLW+18, Yn09, YH07, ZFS07, ZKZF18, ZPK+14, DFLO17].
Analytic [BS96b, BS96c, Har91, ALc19b, LW+18].  Analytical
[DG94, HW03, QY94, SAOKM03, ALH11, AP91c, Bat05, BFH09, KyLPC17].
Analytics
[AS13, AS15, CJ17, Eck18, KKKG14, PS14, PAG+18, VLG+18, YLB+15].
analyze [LZN19].  Analyzing [CDR09a, CMT92, HcF05, KG94, LMCF09,
LB12, MSH90, MBH+08, PB19, RB12, WX05].  Anatomy [ZBF05].
Anchored [KS03]. anchors [MKM16]. AND-parallelism [DeG88].
AND/OR [RP95]. Android [TY17]. Animate [MBL+92]. Animation
[RG800, JdSJC+15]. Anisotropic [PSE+01, EI07]. ANMR [BM17a].
Annealing [Bev02, BA92, HB97, RSS96, Soh96, XH91, AH96, BG98, dADC18].
Annotated [KBC+01]. Announcement [Ano93a, Ano96k, Ano01c, Ano01d,
Ano01c, Ano01a, Ano01b, Ano02a, Ano02b, GHS96, Kai92, Ano00a]. annuli
[Li14]. Anomalous [MSH90]. anomaly [AKK+19, DFP06b, IZ12, KKTZ13, MBR19, RLP14]. anomaly-based
[MBR19]. anonymous [AFM09, FKK+04, KS13, MSJ05, XLG+06]. answer
[BYG+18, OY07]. Ant [COV13, CGN+13, CLA+18, DDGK13, RL02, CCK11, Ski16]. antenna
[CCHC09]. Anti [GSASA19]. Anti-spoofing [GSASA19]. Anticipative
[WLID02]. Any [RCY97]. Apache [KKH17]. APHID [B800]. API [HLS12].
Appear [Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q,
Ano1r, Ano1s, Ano1t, Ano1u, Ano1v, Ano1w, Ano1x, Ano1y, Ano1z,
Ano1-27, Ano1-28, Ano1-30, Ano1-31, Ano1-32, Ano2q, Ano2r, Ano2s, Ano2t,
Ano2u, Ano2v, Ano2w, Ano2x, Ano2y, Ano2z]. applicability [Can18]. Application
[AS97, AYIE98, BB03, BSS97, CCK00, CCC92, DKK18, ES96, HMV07, Kop97, OGRV+12, PH00, PP92, Ser97,
SM92b, SK93, WLST16, dK+10, AHA+16, AAI+15, BM16, BCM06,
BMT12, CP05, CD95, CKMP17, DBC03, DKRI09, DWYB10, FCM+03,
FCP+15, GP91, HSS17, KME09, Kub17, LGRV19, LW16a, Li17, LAS+19,
LS06, MLZY17, MCM+11, MRJ+19, OSL05, PVP18, PL06, PG06, PSL14,
PVRS17, SFL04, SS94b, TD04, WW18b, WJ14, YO11, dGP06].
Application-aware [HMV07]. Application-based [BB03].
application-level [VD04]. application-sensitive [CP05].
Application-Specific [PP92, SK93, SS94b]. Applications
[ABDS02, Ano96i, AFT+00, BOSW94, BMRC98, CCRS92, CA95a, CDF01,
DR90, DS84, EH01a, FR98, FKB98, GCB+00, GT02, HS94b, KR97, LLS93,
MHC95, MB92, MBK+92, NB93, NSPPC02, OS96a, PGRP17, PJ18, RS92c,
SS020, SFC17, TFV+15, UZS96, VH93, WMG01, Wei02, ALM+16,
AKSM08, ARM+05, AC16, AGJM06, BBCLL04, BCD+15, BAS06, BHLT14,
BM4b, CCA18, CCC+04, CGL+14, CGM14, CC08, CSMM10, CP05,
CMB+08, CP10b, CMC+19, CMO+06, CDAN14, Dim91, ED005, ESA03,
FCML13, FPF14, FRM15, GQZ18, GLC14, GYAB11, GVBB13, GTN+06,
GST09, GJA08, GRR13, HZZ+19, HC09, HSSL04, HA91, HLO7, KJD03,
KHK03, KAS07, Koa19, KBC+10, Kri91, LWCC15, LFMG17, MMAL+06,
MA19, MLK12, NLB+18, NMS+18, NVK+11, NC13, OTKT12, Oza04,
PCMM+17, PH18, PB19, PMAL11, PA15, PCLP16, PLL+03, PF04].
applications [RCG18, RJKL11, SV08, SM89a, SCS+08, SWW+17, SR16,
SSGZ13, TP18, TPLY18, TDM05, TOR+14, TKX+13, U1184, VB08, VM03,
WIR+18, YH07, ZVL11, ZZJ+18, ZSW14, ZXRMR18, dSS11, FTM+14].
Applied [CB96, BDDL09, EE05, HSLL04, PR06]. Applying [PEC95, CCK109, EE05, HSLL04, PR06]. Applying [NZ17]. Applying [PEC95, CCK11, Kol19]. Approach [AAL95, AM93, Bev02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FKT96, FKKC97, GG94, GZ97, HC97, HLJ98, KCRB99, KSB94, LS95, LW95, LLCL98, MSSE02, RJY96, RAS96, SL95, SP96, SZ00a, TC92, WSRM97, WA02, Won99, WLD02, AP91c, Ara90, AFD11, AH06, AJG18, AS18, BM11, BAS06, BW99, BCK+13, CTS17, CvdBL+08, CHX+17, CZZ+17, CMPS18, DBC93, DKV15, dADC18, DQR+09, FZC05, FGZ03, GZ08, GDL+11, GWL94, GBA08, GXY13, ICQO+12, JLM08, Joh89, KYS13, KBC19, KSJC17, KZ11, KCFP18, KMS+06, LL19, LWX+11, LH04, LC07, LZ19, MHLZ16, MS05, LMCFH+18, MBMC19, MGRK14, NTN12, NHO+13, OP18, Ozt11, PD19, PST+19, RK18, RMM91, SW18, SU87, SCS+08, SDG17, SK11, TM06, TBZ05, TP18, TL14, TY17, TM10, VLT18, WB08, WML+18, WWY+18, WZQ+13]. Approaches [WLZ+18, XRB12, XLH18, YF09, YHWY18a, YAA10, YDZ18, YW15, ZHH15, ZSL15, ZFL89, ZTGL17]. Approaches [CHGM01, FMIF18, QM01, DBA18, KERUM04, KWZ19, KBK+19, KA05, PR06, UPA13, dGP06]. Approximate [JSS92, LHW14, LRS18, ST12, CLOL17, JHL+18, KERUM04, MM07b]. Approximating [FMM+08, PBS08]. Approximation [FV97, GM14a, AP91c, KERUM04, KBK19, KA05, PR06, Upa13, dGP06]. Approximations [Gon98, BFM06]. AQOR [XG03]. Araneola [MK08a]. arbiter [Bhu87]. arbitrarily [ZV06]. Arbitrary [ERL90, KA97, SS95, ZYY96, Ara90, BCF14, Kar19, SGE91, Wag89, FII04]. arbitration [ASD09, HRG+11, KS03]. Arc [CA05b, Ros89]. architecture [CCC+04]. Architectural [DZDZ01, GSP02, HPT+97, KC99a, MT96, MG03, TGPU16, WSS93, FZC+05, JBY+05, KWZ19, NKT17]. Architecture [AGW01, ABZ95, BBD+91, BAH01, DH95, DB18, Gao93, Ger98, GBES93, GM95, HP97a, HGCC96, IWM97, KC94, LBL95, MLW00, MS00, MAM05, MKY+07, MO97, MT85, MEMEM17, NEG85, OD95b, OY00, Pad93, PSS17, PS01, STN92, SYG97, SH98, VS99, YPCW16, ZYH94, Zim96, ACYS08, AA10, AA16, AC89, ABO+17, BJS18, BB87, BGA12, BBQC13, CCQ+06, CLMR15, CJCX08, CCE03, CDJ+89, CS17, FSP18, FSC91, GRZ+18, GHS86, JS86, JXW06, KK17, KNNH18, KH12, KRL87, KH98, LLY13, LAD+96, LHH11, LLY15, LZS06, MCM+11, MM07b, MYD+11, MBH+08, MP08, NW86, NKV14, NP14, PCMM+17, PK05b, PYP+10, PGP+12, PTK+13, SDDT04, SZR+18, SSR8a, SAB+92, SLKK12, SR91, WTWZ16, WL92, XJS03, YFBY17, ZV09a, ZMJ17, ZPK+14, KCSS18, VRS17]. architecture-based [CTCX08]. Architectures [AGW98, ABDS02, BBR94, CC92, CCM92, CT93, CS93c, CP01, C01dCD00, DSH94, DMSH00, DS02, DT01, DRSB01, DT92, EP90, EL97, FTM+14, FSP12, FY97, GGB93, KS95, KM97, KG94, LB90, LC90b, LR93, LR94, MSd+95, PP96, PA94, PD92, SH90, SS94a, TG99, ZMPE00,
ZL93, AA14, AP03, ABC+09a, ABC+09b, AG12, BKC+15, BS87, BYG+18, CCK88, Che86, CGC16, CkLCK04, CkLCK05, CJ17, CPO+03, DKRC+15, DUK15, FPS11, FTM+19, GSWW04, GS91a, GMS+13, GMSS+11, HDCM11, HSW04, JJ12, Joh87, KHT+14, KF90a, LM05, LGRV19, LS88, Lla17, LVBO7, MSGS+13, MP10, Pad91, PD19, PR06, PLD87, RTCG91, SLG06, SPPA19, SS94b, SGdSS13, TKHG04, TRS+12, VM03, WQZ+13, WJD91, vS91, TFV+15. Archive [FTK14, JKIE13]. Area [BCD00, CLR90, CDR12, KF95a, NIR86, Wei98, ABO+17, CHCG18, HZY04, HL07, JKV15, KCD08, KF90a, LM05, LGRV19, LS88, Lla17, LVB07, MSGS+13, MP10, Pad91, PD19, PR06, PLD87, RTCG91, SLG06, SPPA19, SS94b, SGdSS13, TKHG04, TRS+12, VM03, WQZ+13, WJD91, vS91, TFV+15].

Area-maximizing [CDR12]. Area-Time [NIR86, CLR90]. Ariadne [MM15]. Arithmetic [AK93, CL88, Dav17, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, Si90, SL90, Tay87]. Arithmetic/Logical [AK93]. ARM [AG12]. Arnold [Ano00d]. arrangement [Lin03, NAK04, Ten16]. Array [AW95, BCF97, BL90, CT93, CWW+95, ER97, GKH86, GE94, HQT99, HCS+00, HCZ04, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, Mi99, MJ01, MK+92, MT97b, NVK14, OM90, RSB96, Ste95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BPP05, CS10, DSO4a, GP05, Lee91, Man13, MM07b, NAK04, PLD87, SB86, ST87, SCC+06, YTH07].

Array-based [CS10]. Arrays [Ann94, BAGS95, BPST96, BP02, BR95c, CGO+96, Cor93, GP93, GW99, Gu94, IPK85, KL90, KEA95, KL84, KGB92, MM00, MD01, MT93b, MRK93, MFS93, MFS96, RFKM94, RCB93, Swa98, TBPV00, TC96, WCF94, WHT00, BBd00, Can18, CL03b, DMCFCM03, Deh90, Dja04, Dja06, EAB+19, EL91, GMH+91, JWSG14, KT89, KT91, KLL87, LB89, Lis85, OT86, RIZ90, SSM99, Sch89b, ST89, SKK91, Ume85, WAS88, WCF14, XSI1].

autonomous [CKT11, CKMP17, WZZ+17, XCH08, ZV09a, ZWW17, OY07]. autonomy [LFH+03, ML89]. Availability [HJD+01, LS01, AGMS16, DB08, Fu10, HOE+09, KVA18, LKM12, LAC18, PF08, PMMA15]. Available [NKC+97]. Average [DF95, Li06h, MDD97, NSM98, Li06a, WWW17a, XKB07]. Average-case [Li06b, Li06a]. AVL [MD98]. Avoid [DP16]. Avoidance [MJ94, BB85a, BPRS04]. Award [Ros07]. awareness [HRH18, LWZZ12, LR03b, ZXGD18]. Axiom [ABLPL17, ABLP17]. Azriel [Ano04r].
bandwidth-efficient [BHK17]. Banerjee [PKK91, Psa96]. Banerjee-Wolfe [Psa96]. bank [QGL+09]. banker [MMS90]. banyan [PL06, Kop07, WN94, Yan00, NY92, YL89]. Banyan-Hypercube [YN92]. Bareiss [HM99]. bargaining [GRDB05]. Barnes [SHT+95]. Barrier [Cha95, JLR97, OD95b, RSS99, XMM92]. barriers [HS12]. Base [DKMV01, RBD08, DDNS06]. Based [AE95, AS00, Ano99g, BCD95, BPJG92, BGJDL02, BMM97, BR02, BA92, CGK07, CC91, CRV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKKC97, GS01a, GRR93, Gup92, GS01b, HP00, HB97, HK01, HSJP87, KCRB99, KSP+92, KCDZ95, Lat95, LAZC00, LZ02, MSC96, MB93, MG98, NTA96, NB93, NM02, OM84, Pad93, PN07a, PN97b, PA97, PL95, PM96, PAJC97, RL96, RSD94, RMC97, RSBN01, SMR96, SSRV94, WLY01, WSR97, WSA+94, Won99, WLD02, XH91, mYyF92, YB01, Zia92, eW95, APRA18, ASA18, AA10, AL04, ASM09, ASKTZ13, ALLM11, AHG12, AK07, ARM+05, ABC+09b, ATZ07, AYB+15, AP16, AK18, ABLP17, ABF+14, AJG18, AS18, AWAH18, BCM06, BJPPM+08, BDM18, BB03, BNBR16, BOY10, BCMV15, BCH15, BDRB14, BFKW13, BYG+18, BK18]. based [BAT+19, BDDL09, BEN12, BM08, BYH+17, BBI11, CL03a, CWZ+18, CG12, CLMRL15, CK08, CK13, CVK+18b, CTCX08, CP10b, CS10, CHX+17, CLOL17, CQX+18, Chi95, CL09, CVJ09, CHC05, CRJ10a, CGW+03, CZZY09, CJ17, CTT16, CAF+11, CKMP17, CRD12, CDW+19, DBA+18, DKKV15, DE91, DB11, DR19, DBW18, DKC14, DRST02, DRT07, DWYB10, DQR+09, ED¨O05, ESGQ+14, ESGQ+18, EM11, ECP+18, FLL14, FCML13, FCC07, FLCB10, FGL+11, GOH+13, GMP12, GPJA10, GTGLSA12, GBA08, GL12, GSASA19, GA16, GNZ18, GRZ+18, GMXA07, GXY13, HW03, HBS17, HV09, HKR+19, HC09, HRH18, HLM+90, HWY+10, HZL18, HMY+18, HGX+19, IHI16, IHH+17, JXW06, JP09, JTC+18, JBY+05, JM14, KKV10, KKR14, KERUM04, KDZ04, KyrLPC17, KA08, KKS+12, KKLJ14, KCP19, KR06, KKTZ13, KCO18, LC15, LC14a, LHKL03, LDH+18, LSH+13, LLLY08]. based [LO07, LZE+11, LMJC11, LW16a, LLWC17, LNW+12, LS03, LU14, LHT08, LZC11, LSZZ15, LZY+18, LCJ+18, LLD15, LPLFM+12, Lop18, LAC18, LAC18, LV07, LS06, LO88, LLEF18, MS19, MCC04, McdS+06, MAGL13, MM15, MI10, MMS09, MAK13, MTV13, Mit07, MM07c, MBR19, MBO+11, MH18, MSAZ0a, MSAZ0b, MBH+08, MRR70, MRJ+19, MZZC12, MCZ14, NSKN17, NJ91, NCA+12, NTL12, NC09, NHO+13, NC13, Nic07, NAK04, No12, OM10, OJP+18, Ozt11, PRP09, PAR14, PD19, PLSM18, PDP17, PK05b, PML11, PVM06, PF04, RLP14, RAO16, RA11, RTZ11, RDA18, RSCQ17, SMW18, SSM+16, SMPMLVLS11, SSH17, SC10, SS06, SP08, SPH13, SX08, She09, SLW10, ST12, Ski16, ST85, Suk18, SK11, SLHS19, TR89, TEB+17, TFMS15, TW15, TSKKH17, TC13, TJC10, TWQS12, TT07, Ud19, UMM+18, UM17]. based [VD04, VETT18, VMMB10, VB08, VS18, WCC02, WGC09, WW12, WCL+13, WR13, WYW15, WWW17b, WML+18, WMC+18, WWY+18,
WXZ+18, WXMZ19, WIR+18, WMG13, WD18, WD13, WLWW09, WCC18, WWA+18, WHW+19, XHY07, XCLR07, XLHT13, X005, YWJ+18, YL12, YHWY18a, YHWY18b, YYW+18, YAA10, ZG13, ZGJ+18, ZCK+02, ZV09a, ZAAB17, ZFT+18, ZW13, ZPK+14, ZLL14, ZV12, ZGG+14, ZXGD18, dSAJ15, dAAD+19, dGP06, SM92a, WAS95, ZNQ93, HRF+11, HC91, KKS08, PLD87, TOR+14, ZBR11]. bases [GPT06a, SK90].

basic [BM04a, Joh87]. Basis [TR96]. Batch [LL98, CM19]. batched [CK06, HSH10]. Batcher [NT93]. Batching [DSST95]. Bayesian [DKC14, FBRW03, LWC18, NZA13, RFP19, SHK19, YWAT13]. be [BNP02, HBS17, KSSK16, STKW12, BGA12]. beacons [DWX10, TDC05]. Beamforming [BL90]. beeps [CD19]. Before [HCR12]. Behavior [Abr96, BDF92, BN02, BST01, CMT93, FJ93, LZ08, ACD18, BS92, CL14, JZK04, LWXX19, dAMFdS13, RA11]. Behavior-Based [BN02]. behaviour [CMMN10]. belief [HMY18].

Benchmark [PAJC97, DMS+16, GN15, GREC91, Num07, Num08, Num09, WRHR91].

Benchmarking [BBR13, KA99, YLYC11]. Benchmarks [WAS95, HZZ+19, JV06, KC17]. Bends [OS97]. Bene [CI03]. Benefit [BHK17, Wei02]. Benefits [FR92, SS99, Wei98, GK04]. Benes [DD96, Qia07]. Best [BE95, Mue13, OY11, Phi13, Rob09, SP96, Sni03, Bar05, FPP+08, MAM05, QGZP17, WAE03, Ros07]. best-effort [Bar05, MAM05, QGZP17]. Best-Fit [SP96]. better [AM06, STKW12].

between [BVB02, BJ03, CG86, DB86, FII04, KNS91, KR17, LCB16, LDCZ97, MP15, NM17, PH04, RGD03, XS11, ZXGD18].


bicriteria [BFG04, BFM06]. Bidimensional [BP02]. bidirectional [PD19]. Bids [BA01a]. BiELL [ZGG14]. Big [AS19, AS15, APK18, LWWQ18, MNR+19, SFC17, ACPT15, ECK18, FRM15, KKKG14, NTK17, PST+19, RBA+18, SMW18, WWW17b, YBX+13, ACB+15]. Bimodal [KC95, UM17].

Binary [AS94, CS95a, DS93, Efe96, HIKM94, HKMU98, HM01, HR92a, IQb92, JH94, LP96a, Li92, OOW95, SYO94, Wag93, ASC+18, BL89, Can18, CJD10, DH91a, LFZ+17, Wag89, WD18, HRJ94]. Binding [LBL95].

Binomial [DP00, WFL98]. bins [BBFN12, BBNF14]. Bio [Hua17].

Bio-Grid [Hua17]. bioinformatics [TZ06]. bioinspired [MP10, MC06, dVCP06].

biological [AFM03, BMB08, BA06, BW09, BMARW07, SK09, SMB10]. biologically [FTM+19]. biology [AB03b, TZ06]. biomedical [WZY+19]. biometric [CNLGL18, GSASA19]. Bipartite [DS84, LPS+98, DK15, SM89b].

bipartitioning [ERS90, PB15]. bis [Gen90]. bis-sequential [Gen90].

Bisection [AK17, ZGG+14]. Bisectors [BEE00]. Bit [HPT+97, MO97, MT97b, SB91, CL90, Ede91, GP08, KM88, KIH15].

[BM14, FCS91, TW15]. **Bits** [GH96, HV09]. **BitTorrent** [ARD14, CTC11, LXZ13]. **BitTorrent-like** [CTC11]. **bivalued** [Zep91].

**Black** [PSC+16, BE13, SGAC14]. **Blackboard** [CC91]. **BlackOut** [ARD14, CTC11, LXZ13]. **BitTorrent** [ARD14, CTC11, LXZ13]. **BLAS** [HWW96]. **BLITZEN** [BDHF90]. **BlobCR** [NC13].

**BlobSeer** [NAB+11]. **Block** [ADV14, CT96, FBK98, GHSJ96, PT97, WSA+94, ATDH13, BW08, DAB+14, FLCB10, GPX08, KR06, LYP19, MRJ+19, MRT18, PF13, Sch87, SPH13, SZW05, WZZ+17, XLW+18].

**block-asynchronous** [ATDH13]. **Block-Based** [WSA+94, KR06]. **Block-Level** [FLCB10]. **Block-Structured** [FBK98, DAB+14]. **Blocking** [BH+94, ASES15, CASD18, DBA+14, ESGQ+11, KR17, MPN17, QSO5].

**Blocks** [CWW96, RJKL11]. **Bloom** [SMPMLVLS11]. **Blue** [FGM+03].

**BlueCube** [CCS06]. **Bluetooth** [CCS06, SLWW05, WTS03]. **BMB** [WD18].

**BMMI** [SJG19]. **BMMI-tree** [SJG19]. **Board** [Ano18v, Ano18w, Ano18x, Ano18q, Ano02e, Ano02f, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a].

**Board** [Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18u, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18r, Ano18s, Ano18t, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r]. **Body** [HP95, SHT+95, CHCG18, IHM05, YJL16].

**Boltzmann** [KA89, WZY+19, WCO+19, ZA91]. **Bone** [AFK14]. **Boolean** [ESC15, HJJ90c, HJJ92b, OT19]. **boosting** [AC16, FGP05]. **Border** [DRST02, HR90]. **Border-based** [DRST02]. **both** [WTY+18, WAE03].

**Bottleneck** [WW98]. **bottom** [LXZ13]. **bottom-up** [LXZ13]. **Bound** [GZ97, PM96, AMM+18, CH06a, Kub17, Li19, MCC04, SCS+08, SW90, YZLT09]. **bound-consistency** [Kub17]. **Boundaries** [Wor93]. **boundary** [Lin91, RBD08, SCC+08, SMP17, TRS+12, ZQMM11]. **Bounded** [AW95, BBN93, CLT96, GP97, Pra93, SN93, BD05, BPR04, JM14, LMZ04, MRRT07, NP09, Sta17, TK07]. **Bounding** [Lun99]. **Bounds** [ADS01, BBH+98, DL98, JR95, LPS+98, LP95, Lun94, WW97, FT04, FSZ07, IIT04, KMS07, LXLS12, LYW+16, Mat06, NDP13]. **brain** [RBOH+18].

**Branch** [GZ97, MCC04, PM96, AMM+18, SCS+08, YZLT09]. **Branch-and-bound** [MCC04, SCS+08, YZLT09]. **Branches** [ERA95].

**brawny** [LNC13]. **breadth** [MB13, ZCS+18]. **breadth-first** [ZCS+18].
Breaking [FJ93]. Breakpoint [dADB96, MT97a]. breast [HES11, XTN12]. Bridge [HR00]. Bridged [EAL90, LCM+06]. bridging [BJS03, KLJ+11].
broad [LMB+17]. Broadband [XP10, XTN12]. Broadcast [DHB02, OS96a, Pel95, RS96a, RS92c, San99, VB94, AA10, BG05, CB15, FVLB09, KYS13, KG10, KG99, LDZ+14, LDZ+17, LSWC14, LSZZ15, MT14, MPS16, MRRT07, PYF08, SGS08, TR08, WWW17a, WIR+18, WL05, dAAD+19].
broadcast-based [AA10, MRRT07]. Broadcast-Efficient [OS96a]. Broadcasting [BNS00, BPvW96, BMMS01, BOS+95, CW00, CCC92, DLP99, Fra92, GP97, HIKM94, Lat98, ST02, ST06, SCD99, Wu94, dBL95, oPP00, Che05, CMS04, FMR05, HS06, Ho91, KR87, LR03b, LSWC14, OWK14, Wu03, ZA05]. Broadcasts [WD92]. Broker [HR00]. Brown [DTK11a]. Browsing [SF90]. Bruno [Haw97, IK93, RJKL11, SK93, Suk18, ZW13, CZ90, HSS10].
buffers [DW04, EKN97, HM06, WAS88, ZCF+17]. burst [WCWO17]. Bus [CKL99, DVZ96, FZVT02, FY96, GKH98, LPZ99, TVS97, VB02, dR09, BPP05, CLM90, DSO04a, JSWB92, MHBW86, TJCBI0, YB90, YGZ+10]. Bus-Based [CKL99, TJCBI0]. Bus-Connected [DVZ96]. Buses [CL96, HQPT99, IM00, KC98, LS94, NS94, TVT96, TBVP00, WHT00, ZLP001, BG16, Car90, JW89, KRL87, Mat06]. Business [MBS+12].
Caching [BS96b, BS96c, CS17, KC99a, KE93, MM93, BLPA05, CR96, FCW11, FCML13, LAK10, LVP07, MA11, OC07, TC03, TC13, ZVL11].

CAFES [MCM”11]. calculation [SL90]. calculations [HT90, KVNV17].

Calculus [PL98, SC95]. calibration [MMAL”06, SDG17]. Call [Ano95i, Ano95j, Ano96j, Ano96i, Ano97i, Ano97j, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano01c, Ano01d, Ano01e, GSC96, LGK”12, RKK06]. Calls [Ano98k].

Calipers [KSSK16, BNP02, HBS17]. cancer [XTN12].

CANE [LAS”19]. Capabilities [Fra92, MMRS98, TVO92, FEH”14, RBN11]. capabilities-aware [RBN11].

Capability [Guo94, JLWX11, SP96, YWP00, BJ15, CKC19, Ho91, HK04, dOBG”15]. capability-aware [HK04]. capable [HK04].

Capacitance [YB01].

Capacity [ACD”93, MO97, TODQ18, ACCP12, BKK”11, JHPL13]. Capacity-aware [TODQ18].

capture [BOT13, JXW06]. Capturing [ISAZ07].

cards [KME09]. Cares [BL94].

Carlo [Bro96, PAS15, ZS13].

Carried [NCT”07]. Carrier [DL01, BC11]. Carry [NIR86].

Carry-Lookahead [NIR86]. Cartesian [GOH”13, ANS97, Dim04, ISAZ10, MSAZ11]. carving [RRS”08]. Cascaded [Wil90]. Case [BA01b, GT02, HPT”97, MS99a, NSM98, PP13, SSG03, WNA”94, WLR90, AGMS16, AES11, BJ18, CCK”08, CHLL18, DJ91, FRM15, GRR”05, HD13, HA91, Li06a, Li06b, PCMM”17, RO”18, SJVRVS19, TaR18, WLZ15, WMG13, ZKZF18, ZLJ”19]. CASS [FPS11].


Cell/BE [BGA12]. cells [FTM”19, LSV90, ZPK”14]. Cellular [CS00, DL01, DFM01, Ora87, Tan84, ZR00, ANEA13, EM11, FCG04, GKS15, GMXA07, LMSK18, MAM05, PD19, PSRS12, Pet18, ZBW”17].

cellular-based [GMXA07]. center [BFH”17, CGC16, FP03, SCW”18, ZLZ”19]. centered [LWCC15]. centers [AG12, AK18, GYAB11, HTB19, MB19, MLK”16, OJP”18, RT18, TVT”17, YAK15, ZV14, ZV12]. centrality [JL11, SSKC15, WBRT13]. centric [KTP17, KSI04, LAS”19, VS18, XYW14, XCLR07]. CFD [BAMM05, KaL04, MS99a]. CFPA [MSEM”19]. CGM [KP00]. Chain [BNP98, Lun94, ASKO16, GRV08, LWL19, MVB05]. chained [BM14, CMR”18]. chained-cubic [BM14]. Chains [NH93, LBMG15]. Challenges [NKSA17, PJ18, PSC”16, SAB”92]. changes [DB08]. Channel [AM95, BNS00, BPR04, BKTA95, CS00, DSST95, GCKM97, HP00, JK00, KKS01, LM96, L WAL12, PA97, SSZ10, BGLA03, CCHC09, CLLO9, DRT07, GDL”11, GZY14a, GZY14b, KKK11a, Kim11, ZMG”16]. channel-based
[DRT07]. channels [CK06, KS03, Lee03, LSWC14]. chaos [DZC17].
chaos-oriented [DZC17]. Characteristics [DKK18, LHVW95, BCD+15,
GF89, JV06, LTD+93, LF03, RGAN18, SCK03, SWHB17, VM03].
Characteristics-Aware [DKK18]. Characterization
[BF01, KS94, RJA97, WP02, DWYB10, LJ86, SR90, WH08].
Characterizing [HRF+11, MS96, ZSW14]. Chare [SK91]. chart [LZN19].
Chasing [YZY96]. Check [MC17, LXW+11]. checking [BBBC12, CM04, CAK13, MMN+18, SSS07, SCC+06, XYZW14].
Checkpoint [LACJ18, NC13]. Checkpoint-Restart [LACJ18, NC13].
Checkpointing [ARVZ14, PKD97, WF96, AAVF04, BCC+18, LJ86, MM06, MM07a, QS05].
checkpoints [AD10]. Checksum [Par92]. CHEMAS [XYG07]. chemical
[CP10b, MMAL+06, XLHT13]. Cheng [Ano93e]. chess [WW18b].
chessboard [E˙I07]. Chief [Pra16]. Chinese [XLW+18]. Chip
[ASH+01, BJS18, MSEM+19, MT97b, BYG+18, DJDK19, DR19, DMS+16,
GJ12, HCM11, HRG+11, KK11, KH12, KKK+11b, LNA12, LLKY13, LSXX14,
LTI+12, LY13, LHM14, LWCG14, MYD+11, PMCC18, SAI13, TCHC12,
UM17, AA14, ALLM11, KK11, MEMEMH17, ORWT+18, PR13, ZCF+17].
chip-multiprocessors [LWCG14]. Chips [LK10, RGAN18]. Choice
[SB02, BL05]. Choices [FR96a, BBFN12]. Cholesky [GLW14, MVV91].
Choosing [HBCM99]. Chordal [Man97, BCH15, WT09]. chordal_planar
[PD05]. Cilk [BJK+96]. cipher [GPX08]. Circle [KSB94]. circles [Wr91].
Circuit
[CB99, CCR94, CS93c, GGN93, LK96, EB09, LC14a, LWCG14, YTH07].
circuit-level [LC14a]. Circuit-Partitioned [CB99]. Circuit-Switched
[CCR94, CS93c, GGN93, LK96, LWCG14]. Circuits [KM97, BAH04, EB13,
HBS17, LH04, LS05, LH09, MH18, OOSGVG+16, TT07]. Circular
[BP02, CDP95, JT88, RGU08]. circulation [Nes10, PV07]. Cities
[NCRK19, AKK+19, DFLO17, NML+19, SLZ+19, ZCW19]. city
[AKSZ19, HRH18, KDSL18, ZLJ+19]. clairvoyant [Li06a]. CLAP [KK17].
CLAP-NET [KK17]. Class
[BNP98, BSB+01, CAB94, CN93, HR00, LYL93, MAS+99, Nas94, TL96,
WN94, WLD00, EB13, FY86, LLS07, Pak89, SP90, Ume85]. Classes
[Par98, FP17, LLO06]. Classification
[DSAUM99, BCM06, Bod89, COV13, CK13, DH04, PDP17, TPLY18].
classifier [BOKS19, SDG17, UGG+11]. classifying [Luc18]. clean
[CXX+18]. Client [GM99, HC09, ST08a, TC04]. Client-Server
[GM99, HC09]. client-side [TC04]. Clients [ALL99, GYZ14a, Yan09].
clinical [KDO+13]. Clique [FTL92, SSTR09, WCH+17]. cliques
[CKO04, SMT15]. Clock [ASB97, PD92, PB95, PB09]. Clock-Regulated
[PD92]. Clocks [DKMV01, YH97, AKD06, TPLY18]. Cloning
[DDD98, RHR17]. Close [HJDH01]. Closed [TR96]. Closure [YMR93].
Closures [AW95]. cloth [GRR+05]. Cloud
[CDJL09, CDJL11, FEH+14, LAC18, PR13, VS18, ASKO16, ASHO19,
Cloud-based [GSASA19, WCCH18]. Cloud-centric [VS18]. Cloud-of-things [TKR19]. Cloud-oriented [GYAB11, HRM17, MXSL12]. Cloudlets [TPS18]. Clouds [ACPT15, ACB15, CKMP17, KM17, KKLJ14, LYJ19, LTWW12, LWWQ18, MBR19, NC13, NKK16, PVP18, ZG13, ZVL15]. Cluster [AFT00, BAHP01, GS01a, HS00, JMK00, JKV15, LS01, MKC01, PT01, ARM05, BMAR07, CCA18, CDS10, FW05, FLCB10, GRR13, HW03, IEWK17, JGMY17, LAK10, LML10, LÜ14, LZC11, LB17, LB18, MAR05, MSJ05, MBH08, NDP13, NVK11, OC07, PKW10, PSTR05, PVP06, RLP14, SAOKZ05a, SAOKZ05b, SBC12b, SLM13, SMH14, TC04, VM03, WLL16, ZBF05]. cluster- [SAOKZ05a, SAOKZ05b]. cluster-based [FLCB10, HW03, LÜ14, MBH08, PVP06]. Cluster-to-cluster [JKV15]. Clustered [CP99, MF94, GZY14b, HRC09, JGMY17, LAK10, LÜ14, LZC11, MBH08, NDP13, NVK11, OC07, PKW10, PSTR05, PVP06, RLP14, SAOKZ05a, SAOKZ05b, SBC12b, SLM13, SMH14, TC04, VM03, WLL16, ZBF05]. Clustering [ASM09, GY92, HJ07, TZ07, TM10, WSH03, ASK17, AS18, BM16, BM17b, BF13, CDDL10, CLC17, DBCF13, DCM10, GYP13, GWH06, KK17, LLW07, MCC04, RIZ90, SAL10, SX08, TLW18, WMW09, YBX13, YÖ11, YWW12, ZMCP11]. clustering-based [MCC04]. Clusters [AY197, B399, BP01, BDH97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, Wei02, ARP18, BCFF05, BJS03, DCA15, FMR05, Fu10, GJA08, GYY14, HV13, JM14, KKH17, KYL05, KCR14, ME04, MMVL11, PYF08, PY09c, QJ05, QS05, nRIL18, SS11, SM04, TC03, VBDRC13, WQL14, WLNO6, WH17, WLWW09, YH07, YJKD10, ZB09, ZMCP11, ZL08, ZHLQ12]. CM [BSGM90, LAD+96, PTC+93, Sab94, SI91]. CM-2 [BSGM90, SI91]. CM-5 [LAD+96, PTC+93]. CMOS [KRM14]. CMPs [AFA13, APRA18, DKI09, FABG19, FLC14, HRF11, OOSGV16]. CMV [WWGD09]. CNN [CXX18]. CNNs [CDW19]. Co [AHA+16, KN18a, KN18b, RBG17, BBH17, HVW16, HD10, NVK11, OJP18, PSB19, AST05]. co-allocation [NVK11]. Co-Design [RBG17, BBH17]. co-evolutionary [HD10]. co-execution [PSB19]. co-location [OJP18]. co-optimization [HVW16]. Co-optimizing [AHA+16]. Co-processing [KN18a, KN18b]. coalition [YAS15]. Coarse [BR96, BM04b, CDRC99, DFRCU99, HK96, NS97, NR97a, SR97b, TF01, CT94]. Coarse-Grained [BR96, CDRC99, HK96, SR97a, SR97b]. Coarsening [DR98]. Cobb [HGX19]. Code [Bec96, FK89, JH94, NS97, RNSB96, BCM87, CDW19, Gao89, LS06, MMN18, SY04]. code-based [LS06]. Codes [BVB02, Lat98, AM13, CP10a, GRR05, HR90, LWR03].
[FCZH+12, GDC18, MKC*09, SA19]. cognizant [LK13]. Cographs [LO94, LO91]. Coherence [ABP92, CKL99, DS95a, DSS95, GS96, HP97a, HF96, KS95, LY98, LY01, PL95, San95, SDS99, APRA18, CDAN14, CRD12, FGP95, GVA+08, MPG17a, SPPA19]. Coherence-Miss [SDS99]. Coherency [TJ92]. Coherent [PY96, SYYU07]. cohort [AKBD10]. coin [AAC10]. Coincident [ZLPP01]. Cointegration [THN+93]. Coir [SG96]. cold [MB19, GPSH19]. cold-spot [MB19]. collaboration [ABC07, LR14]. Collaborative [CH06b, MA11, SLHS19, WW07, CJDC10, DLBL+12, FM07, GCS06, LLWC17, NKK16, RJKL11, VLW18, Wan06, XQ04, ZLJ+19]. Collapsar [JXW06]. Collection [BS90, KSO0, RW01, Amm16, HMOV7, JLM08, ZWW17]. Collection-Oriented [BS90]. Collective [DT01, HK01, TSC01, BRP03, MBBD13, NKK16]. collectives [Zah12]. collectors [VRM02]. college [NDW17]. Collision [LDZ+17, YB95, CXQ+18, JBS14, MBMC19, SK05b]. collision-free [JBS14, MBMC19]. Collision-tolerant [LDZ+17]. collimation [AFD+11]. Colony [CGN+13, CLA+18, DDK13, RL02, Skl16, CCK11]. color [Ebn04]. Coloring [LSH96, BGM+08, DJT03, GDP08, GK10, HLM+90, KJD03]. Colorings [GPJ96, Ros89]. colouring [SS03]. column [Mat06]. COMA [CKL99]. combination [DKC14, YFBY17]. Combinations [Kap93]. Combinatorial [Ben15, Kap93, KA89, ZG13, CMTT13, CCLS94, Men18, PPSV15, WMG13]. Combine [BLPV95, Van94]. Combined [GDC18, OY00, CF88, VAS+13]. Combining [AAC10, CMTT13, LKK94, LK98, LC96, SZ00a, SR16, UBES10, WMY+17, WR95, BCC+18, GWWL94, HDJ08, TY90a]. Comments [Cha94, GRV08, Pan09]. Commercial [DZDZ01, MKC01, NKC+97]. commit [mYA91]. Committee [Ato93a, BDP16]. Commodity [PVP06, MC03, ZB09, ZXB14]. Common [MS99b, ALH*09, MS88, FI104]. common-bus [MS88]. Communicating [CD19, BFTV87, DRR13, SSM+06]. Communication [BPR99, BKT95, BCR96, CW00, CCRS92, CGL+95, CS95c, DUSH94, DS95b, ESMG96, Fah96, FM99a, FPS11, FKT96, FGKT97, FA95, FAM96, Fra92, FLM+19, GRV97, GBES93, GM94a, GKB98, GPS96, HQPT99, HH01, HP95, HS93, HA92, IM94, ITT04, Joh87, KL01b, KLS90, KS00, KS02, LHS97, LZ02, LR03a, LO96, LWP02, Mck94, MRRV98, MLK+16, MSST99, PP96, PB99, QH96, RFS+12, RWK95, RS92c, RU99, RMCG7, SCM99, SS99, SOG94, SSK96, SBAM96, SKH96, TF92, TSSH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, AFA13, ARP18, ALTV13, AM12a, BM17b, BFTV87, BCM87, BBR13, BOS+91, BRP03, CCS06, CNS03, CHC05, CHC05, DB11, DUKUC15, DAPR18, DW04, Edc91, EDH+17, FW05, GPT06a, GM13, GP05, HK05, IB04, JJ12, JZZ+17, KLYL05, KSG03, Lai86, LAK10, Lo92]. communication [Lun90, LM09, LWCG14, LLW12, dAMFDS13, MAM05, MTL+18a, MCM+11,
21

**Communication-Avoiding** [SLV19]. **Communication-Aware** [ZV09b]. **Communication-Computation** [QH96]. **Communication-Efficient** [HQPT99]. **Communication-Free** [HS03, FLM19]. **Communication-Induced** [LM09]. **Communication-Intensive** [MLK16]. **Communication-Minimal** [Xue97]. **Communication-Optimal** [MPG17b]. **Communications** [AMN00, BD00, CQ95, DRR96, LLJ00a, SC91a, SHC93, TSC01, WA02, YM01, ZR00, EB09, GMH+91, LHP07, MBBD13, PGP+12, TP18, TKG+17]. **Communicator** [KF90b]. **Community** [CTC10, LpJS18, Tra09, ZLL14]. **Community-Based** [ZLL14]. **Compact** [CDF01, CJ99a, CJY04, CI03, NCT09, NKV14]. **Compact-Port** [CDF01]. **Compaction** [BHR91, Kar95, SLHS19, WD94]. **Comparative** [ADD02, GS00, QM01, SJVRVVS19, HA91, KBK+19, PL03b]. **Comparing** [GGW96, YL98]. **Comparison** [BSB+01, DRSB01, Fre96, GY92, JNW96, KA90, KA99, OP98, SSOB02, SAC+98, Tay02, AFM03, AG12, FGZ03, GHC+17, JKIE13, MP10, NSK17, SMB10, S94b, ZTFK16]. **Comparisons** [YBM13]. **Compass** [AKBD10]. **Compass-Free** [AKBD10]. **Compatible** [MP08]. **Compensation** [Yan09]. **Competition** [eW95, TR89, WSLC11]. **Competition-Based** [eW95, TR89]. **Competitive** [DLLX97, GS96, Ser97, SCH14, LHHH11, VM95]. **Competitive-Update** [GS96]. **Competitiveness** [GK15]. **Compilation** [BCR96, CA96, HHKT96, PA96, MH18, PAG+18, WQZ+13]. **Compile** [Fah96, HA92, LPU97, PM96]. **Compile-Time** [Fah96, HA92, LPU97, PM96]. **Compiled** [KYL05]. **Compiler** [ABDS02, BW95a, CGSV93, HKT94, KRC00, LY98, LY01, NS12, RJY96, SDS99, SD00, Tse90, VV90, WB94, DK04, RG06, Sab94]. **Compiler-Assisted** [NS12]. **Compiler-Controlled** [SDS99]. **Compiler-Directed** [LY98, LY01, RJY96]. **Compiler-Optimized** [ABDS02]. **Compiling** [BS90, BCF+94, DRR96, GKH96, KHS96, SSHC00, SB93, DeG88, LC91a]. **Complement** [YAS98]. **Complementary** [ZPK+14]. **Complete** [BP02, Efe96, HKM98, HM01, SP96, SHL95, TT98, Wag94, ZW00, LFZ+17, MPZ09]. **Completely** [SPC+17]. **Completion** [KG03]. **Complex** [DDO+18, GPS96, HASB16, CM12, DF17, HHA14, JKD+15, RBP+11, SW12, SJS19]. **Complexity** [BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gon98, JBL02, KCP19, Tay02, AEF11, BPW05, CH06a, DUW86, FWM+10, SSS88, Sol13, THSS87, WG08, XL11]. **Complexity-Effective** [FWM+10]. **Compliance** [AM06]. **Component** [AHG12, HHM94, SR94, CT94, Hdr13, KRKS11, VLW18]. **Component-Based** [AHG12]. **Component-Oriented** [HdR13]. **Components** [B96, Kar02, BBB+06, Hoh90, LWR+03, MHP05]. **Composed** [SM92a]. **Composing** [BA96]. **Compositing** [WGCZ09].
Composition [HLJ98, Tay02, CJ17, WMY^17]. compositions [FZ14]. Comprehensive [DG94, GM14b, uRL+18, Upa13, ZAB18]. compressed [WBTM09]. Compression [SY094, CW15, CD95, JKV15, KP17, NRM^09, SR91, AHG12]. Comput [KN18b, LSS^+11a, MSAS10a, PCX^+14, REK10a, WTC08a]. Computation [SYO94, CW15, CD95, JKV15, KP17, NRM^09, SR91, AHG12]. Computing [KN18b, LSS^+11a, MSAZ10a, PCX^+14, REK10a, WTC08a]. Computation-Intensive [CA95a]. Computational [APV18, DRC90, JBL02, KRW96, KR97, Num08, Num09, AAH17, AB03b, AGMJ06, CCE^+17, CS06a, DHS06, KHT^+14, LGRV19, LB17, LV88, MP08, SV00, WB96, ZB97, ZY002, AAD05, AFM03, BD11, CG10, DMCF03, EL91, FXW03, IEWK17, Joh87, KME89, KHK03, RV13, SSKC15, SBC^+12a, ST89, SC04, SK91, SMH^+14, SS94b, TG04, WJ14]. computations/applications [KHK03]. Compute [ABM^+92, CM92, CTZ99]. Compute-Intensive [ABM^+92, KAS07]. computed [KDO^+13]. Computer [BCH95a, BS96b, BS96c, Cha94, CDP95, DB18, HHH94, IWM97, Kri91, LL93, LR94, MKY^+97, NSS97, PEC95, VV90, WF93, WHT02, BDR14, Em13, FSP18, Gai87, GE85, Gos90, GREG91, HR89, HR90, Irw88, JW89, KK86, LMB^+17, LB17, LV88, MP08, PSC^+16, SAB^+92, Vel89, WJ91, PR13]. Computers [AH97, ADM^+94, AB93, BS90, BR95c, yCM98, CCC92, Ch92, CY96, CJ99b, Fer93, KL01a, KGV94, Li01, MT96, MSC96, MYD95, Moh96, NFG97, NS92, PE93, Ree84, RW01, SR94, Shu95, Sto90, Tan84, TC92, VSM96, WL90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c, BGM^+08, BCF^+94, Car90, CT94, GSM06, JL05, KESA07, LR06, Li16, ML89, PB90, RJ04, Sab94, Sch87, WRHR91, ZLPR91]. Computing [AW95, AL99, AM97b, ANTO2, Ano97k, Ano99g, Ano01e, BAI94, Bir94, BD00, BS^+01, BD^+97, BNS99, BS09, BS11, CA94, CEF^+95, CDJL90, CDJL11, CP99, DDO^+18, Deh90, DAYA02, DBF94, DB18, Eme13, EL94, ES97, FFK07, FTM^+14, FPP^+08, FGKT97, GRS97, GS01a, HGCC96, HS00, HHC98, KSA95, KMKD97, Kri92, KRS13, KCK99, LAS^+97, LK11, LFA96, LS01, MWL00, MAS^+99, MSGS^+13, MCO93, MNK12, MBG^+17, NA06, Nee17, OYO0, PON97a, PN97b, Pat01, PT01, PR97, PBB^+17, SM94, SdS97, SLL18, SR95, SFC17, Szy95, TPS^+18, TJCB10, TPP^+19, BG90b, VR94, WR97, WSRM97, Wei98, WF96, WLID02, wXH00, YZ96, ZO97, ALM^+16, AAK^+13, AC89, AMU^+19, AZC13, AM12a, AMT13, ASC^+18, Arb89, AM06,
ACB$^+_{15}$, ABLP$^{17}$, BC$^{09}$, BW$^{09}$, BFL$^{+13}$, BDDL$^{09}$, Bou$^{03}$]. computing [BH$^{05}$, BSMH$^{08}$, BHS$^{13}$, BLZ$^{+18}$, BYH$^{+17}$, BAK$^{+03}$, CFT$^{+18}$, CMMT$^{13}$, CCS$^{06}$, CVK$^{+18b}$, CSW$^{08}$, CTKA$^{17}$, CVJ$^{09}$, CDR$^{12}$, DK$^{08}$, DDG$^{+17}$, DF$^{12}$, DÖ$^{06}$, EL$^{88}$, EFG$^{+14}$, ES$^{12}$, FP$^{14}$, FCG$^{04}$, FKR$^{+17}$, FP$^{17}$, Fu$^{10}$, FX$^{10}$, GQZ$^{18}$, GMSS$^{+11}$, GWWL$^{94}$, GAC$^{+17}$, GRZ$^{+18}$, HES$^{10}$, Han$^{89}$, HRI$^{18}$, HZL$^{18}$, HLL$^{+19}$, mH$^{11}$, IB$^{04}$, JHL$^{+18}$, Jd$^{03}$, JBC$^{19}$, KS$^{08}$, KV$^{09}$, KCR$^{14}$, KL$^{05}$, KCFP$^{18}$, KBD$^{05}$, KDSS$^{18}$, KC$^{04}$, KMS$^{+06}$, LTL$^{06}$, Lbl$^{12}$, Lbl$^{13}$, LHWJ$^{19}$, LCC$^{+05}$, Li$^{05}$, LZ$^{11}$, LLCZ$^{19}$, LBT$^{19}$, LW$^{+19}$, LX$^{+19}$, LS$^{10}$, LY$^{08}$, LML$^{+10}$, LP$^{05b}$, LB$^{18}$, LR$^{05}$, Lu$^{85}$, LL$^{07}$, MY$^{17}$, ME$^{04}$, MNR$^{+19}$, MCT$^{06}$, MZ$^{18}$, MMS$^{09}$, MMK$^{11}$, MSJ$^{05}$, MA$^{19}$, MKN$^{14}$, MC$^{03}$, NXX$^{17}$, NML$^{+19}$, NDW$^{17}$, NAK$^{04}$, NRM$^{+09}$, Oz$^{04}$, Pld$^{14}$, PH$^{18}$, PGKV$^{18}$, RBN$^{11}$, Raj$^{04}$, Ren$^{11}$, RRS$^{+08}$, SMW$^{18}$, SJ$^{12}$, SSM$^{+16}$, SZ$^{+18}$]. computing [SAOKZ$^{05a}$, SAOKZ$^{05b}$, Sch$^{14}$, SFT$^{13}$, SCS$^{08}$, SAB$^{92}$, Sie$^{16}$, SFO$^{06}$, SZL$^{10}$, Suk$^{18}$, SB$^{04}$, ST$^{08a}$, TZ$^{07}$, Tzi$^{11}$, TLL$^{10}$, TLL$^{10}$, TFM$^{15}$, TRS$^{06}$, TXL$^{14}$, UAKI$^{06}$, Udd$^{19}$, VDO$^{04}$, WZX$^{+19}$, WZH$^{+19}$, WS$^{06}$, WG$^{11}$, gWW$^{18}$, XQ$^{04}$, XLHT$^{13}$, YLL$^{17}$, YW$^{+18}$, YC$^{04}$, YTH$^{+19}$, YLZW$^{18}$, YBM$^{13}$, ZAB$^{18}$, ZKF$^{18}$, ZGW$^{+19}$, ZLL$^{14}$, ZV$^{09b}$, BZ$^{03}$, ZWF$^{06}$, ZH$^{03}$, Ano$^{99g}$, AS$^{13}$, Ano$^{97j}$, BS$^{09}$, CD$^{11}$, Cuz$^{11}$, FPS$^{11}$, GMSS$^{+11}$, Gra$^{09}$, KRS$^{13}$, KRS$^{14}$, Lan$^{09}$, Las$^{12}$, MMVL$^{11}$, TH$^{11}$]. Concentrate [LW$^{95}$]. Concentration [JL$^{05}$]. Concept [DFLO$^{17}$]. Concepts [TAS$^{+01}$, MAGL$^{13}$, NKS$^{17}$, ZZ$^{90}$]. Concerning [IPK$^{85}$].

Concurrency [Ahu$^{90}$, ADD$^{17}$, KCV$^{99}$, LZC$^{09}$, MS$^{96}$, NMS$^{93}$, RM$^{90}$, SRI$^{14}$, UBE$^{10}$]. Concurrent [Ay$^{93}$, ACHY$^{18}$, CCM$^{92}$, CMN$^{12}$, DBL$^{B+12}$, FP$^{93}$, IM$^{94}$, Joh$^{94}$, MM$^{04}$, RSD$^{94}$, RS$^{92a}$, WCF$^{94}$, WW$^{96}$, WG$^{93}$, WT$^{92}$, BE$^{13}$, CTS$^{17}$, Chi$^{95}$, CMT$^{92}$, DB$^{08}$, FJS$^{90}$, GV$^{86}$, KME$^{89}$, PVP$^{18}$, Par$^{89}$, SW$^{18}$, ST$^{05}$, TK$^{07}$, Chi$^{95}$]. Condition [S$^{96}$]. Conditional [CSS$^{11}$, CW$^{09}$, ERA$^{95}$, RLS$^{06}$]. Conditions [D$^{98}$, HM$^{96}$, MI$^{92}$, Ste$^{17}$]. Condor [HS$^{97}$]. Condors [BZ$^{06}$]. Confident [YD$^{+18}$]. confidential [ZHT$^{16}$]. configurable [ZMZJ$^{17}$]. configuration [BL$^{05}$, FVCL$^{05}$, LB$^{17}$, NP$^{09}$, VAS$^{+13}$, WZ$^{13}$, WLST$^{16}$]. Configurations [LK$^{94}$]. configured [ZV$^{06}$]. Conflict [BP$^{02}$, CH$^{92}$, DP$^{00}$, DFP$^{06a}$, HV$^{09}$]. Conflict-Free [BP$^{02}$, CH$^{92}$, DP$^{00}$, DFP$^{06a}$, HV$^{09}$]. Conformance [C$^{95}$]. conforming [LGM$^{18}$]. Congestion [BD$^{01}$, MSEM$^{+19}$, AA$^{10}$, BM$^{11}$, BFV$^{19}$, ESGQ$^{+14}$, ESGQ$^{+18}$, YJKD$^{10}$]. congestion-oblivious [BFV$^{19}$]. Conjugate [Bas$^{97}$, Mc$^{89}$, GLW$^{14}$, LR$^{14}$]. Connected [Ann$^{94}$, ADM$^{+94}$, B$^{96}$, B$^{95b}$, yCM$^{98}$, CCC$^{92}$, CWW$^{+95}$, CT$^{94}$, CY$^{96}$, CDP$^{95}$, D$^{96}$, Fer$^{93}$, HHT$^{94}$, KR$^{11}$, LH$^{92}$, MD$^{01}$, Moh$^{96}$, SR$^{94}$, Tze$^{93}$, Zhu$^{92}$, ZY$^{00}$, dBL$^{95}$, BB$^{85b}$, BB$^{90}$, BJ$^{18}$, Car$^{90}$, DW$^{06}$, GP$^{07}$, HJ$^{07}$, HSW$^{04}$, HR$^{89}$, HR$^{90}$, JT$^{88}$, JP$^{17}$, JL$^{05}$, KO$^{12}$, KT$^{91}$, KF$^{90a}$, LC$^{90a}$, LC$^{91b}$, Li$^{06b}$, LV$^{88}$, MH$^{05}$, PB$^{90}$, Raj$^{04}$, SI$^{86}$, ST$^{06}$, SSM$^{89}$, SC$^{91a}$, TR$^{08}$, YME$^{06}$, YSS$^{11}$, YWW$^{12}$, ZAA$^{17}$, HW$^{96}$]. Connecting [FT$^{94}$].
Connection [AyJ93, GHKS98, ML89, LXLS12, TT07, YSL08, CM93, CRFS94, EHS94, LAD+96, LTD+93, Sab94]. connection-based [TT07].

connection-level [YSL08]. Connectionist [MBK+92, TR89]. Connections [Goe94, TC03]. Connectivity

[Wi92, ASM09, BCMV15, DH91a, OMSGNSG05, SK89a, Ten16]. Conquer [CTZ99, Ay89, BW09, DGL+11, Sto87, TP18]. conscious [GYAB11, OC07].

consensus [AAI+15, ISM07, LHW14, MR09, WTC08a, WTC08b, WWW17a, WCYR08, XBK07, DS04b]. consequences [YBM13]. Conservation [FLS+97, SHRM19, XS11]. Conservative [LA93, BD04]. Considerations [Ger98, VWHL96, RSK19]. considering [MLMSMG12]. Consistency [Bir94, CA95b, GAG+11, HC09, KBK+19, Kub17, LC11, LHZ+18, RHH12, WDDK09, XO05]. Consistency-driven [SS08].

Consistent [KCDZ95, HK08, JLM08, LFA05]. consistent [KBDZ95, HK08, JLM08, LFA05]. consolidation [MA19, RT18, ZLCZ18]. constancy [Ebn04]. Constant [BGOS95, BPP05, BTZ98, CS+95, DS01, KBG92, RO92, TVS97].

Constant-Time [BGOS95, CS+95, DS01]. Constrained [AZ01, BSDE96, BSH15, MMVR97, RL95, BKS05, CHX+17, HP06, HJF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZV09b, ZWWX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11].

Constraints [BA96, KB06b, LTWY95, van96, AP91a, Ay89, ACU08, DUW6, FVLB09, Li06b, SZB16, SSM+07, VRL10, WM+17, WSH+18, YA11]. Construct [BW96].

Constructing [CCS06, CS06a, Hal05, HS12, HS94b, Lai15, MKW18, YWW12, BBL04, DW06, GC07, LMZ04, LH04, OMSGNSG05, WC91, WJ12, YSS11, YZLT09].

Construction [BCH95b, DM95, DFN+94, DJM94, AK19, BFG+03, CFJW13, JPD17, JM14, Lai14, Lai17, LT07, LS05, OOSVG+16, SB12, WIB12].


contemporary [VM03]. contended [AFA13]. Content [Li99, SLW10, Wns5, Bar05, DMT+19, Feo3, FM07, KTP17, KRM14, NKK16, SZ09, ST12, SCK03, SK11, WLZ+18, ZW13].

Content-Addressable [Win85]. content-based [ST12, SK11, ZW13].

Contention [BCD00, FCW11, LKK94, STK11, AEY12, FA07, HHS12, JW89, KH12, LW16a, NTSN91, Nik03, SW18, Zah12]. Contention-aware [FCW11, STK11, LW16a]. contention-free [KH12]. Contents [PSGS17].

Context [AHG12, CWZ+18, Cou93, Ano04d, BPA06, IB04, ORWT+18, YK04, Sie16]. Context-aware [CWZ+18, BPA06, ORWT+18, Sie16]. context-sensitive [Ano04d, HK04]. contexts [KHT+14]. contextual [Ana14]. continued [Ano18v, Ano18w, Ano18x]. Continuous
continuously

Contractions [BBN93, IEWK17, Ros89]. Contribution [AS19].

Control [AGW08, AGW01, BCLR96, BCD00, BDF01, DSST95, ESA03, FR96a, FT94, KSP+92, LM96, MS96, Nie94, OS93, SG96, THBF97, WLID02, AA10, Ahu90, AAA+10, BCO+12, BWP+11, BMF05, BJ18, CF88, CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOHG17, HCZ04, HMY+18, JTZZ11, KNS91, Kim11, KGN11, LL90, LZCY09, LCW05, LWLD12, LL12a, MLZY17, MG09, MBO11, MCZ14, RCG+11, RKK06, SRI14, TG04, WRW13, WJD91, WHS+18, WLX+18, XWC+08, YBM13, YJKD10, ZMZJ17, ZBW+17]. Control-Memory [BCLR96].

Control-Memory [BCLR96].

Control-Memory [BCLR96].

controls [YSL08].

convect [CEGS07].

Convergence [GCM95, ¨UD96, YBOY97, CDD+15, PH18, Tor89].

Convexity [ZHT16].

convolution [CLXX19, XLW+18].

convolutional [ZLS17].

convolver [Kep03].

cooled [LFS16].

cooling [SWHB17].

cooperation [YQTV12].

cooperating [BHK17].

Copied [FC14, SMH91].

Copied [FC14, SMH91].

Copied [FC14, SMH91].

Copied [FC14, SMH91].

Corrections [BGBC+16, BCC+18].

Core [BB96, DDO+18, PL94, AFA13, APRA18, AA16, ARI17, ABLP17, AVAH18, BBBC12, BLMB13, CMMT13, CHLL18, CKK+13, CMC+19, DBA+18, DWYB10, FTM+19, GZG+17, GS18, GKS15, Hus17, JHF+17, KSG13, KKB+06, KR11, LWC+18, LKS14, LNAL17, LSC+15, LHT08, LLS+16, MBBD13, MNR+19, MZC18, MAHKZ12, MGRK14, PCMM+17, PGP+12, PTK+13, PR13, RLA+16, RLA+17, Raj04, SNMB16, SFT+13, SCB09, Sol13, SAJ13, SHRM19, Trä09, TCHC12, WJV07, WQZ+13, WH17, ZXB14, Zha11].

Core-Based [GS01b]. cores [CVK+18a, LNC13, LTG14, TGPUC16, ZLS17]. Correct [JF95].

Correct [JF95]. Correcting [BA01b].

Correction [Lat98, LSH+13]. Correctness [BCC95, GG94, KS94].

Corrector [GGR89]. correlations [FX10, WZQ+13]. corresponding [BS03].
Corrigendum [KN18b, LSS+11a, MSAZ10a, REK10a, WTC08a].
corrupted [DP16, XSYG18]. cortical [NFHL13]. Coscheduled [KCD08].
Coscheduling [ABM+92, NBSD99]. Coset [Oru87]. cosine [AK19].
cosmology [LTL06]. Cost [AZ01, Ano92c, BC01, DJDK19, DT97, FM99a,
GPS96, HCS+00, JH92a, JLRA97, KER01, LO96, Nic07, PP96, QM01, SC95,
WC91, Wei02, AMU+19, AP91c, AM12a, AD12, BJ03, CPLY18, CL09,
DKUČ15, ESGQ+11, GJXZ05, HS12, JLWX11, KSK15, LMZ04, Li17,
MSZ09, MP15, NML+19, SSM+07, Yan09, YGZ+10, YYLC11, ZJ06].
Cost-Driven [FM99a]. Cost-Effective [BC01, AMU+19, AM12a, JLWX11,
NML+19, ZJ06]. Cost-efficient [Nic07, ESGQ+11]. Cost-Optimal [DT97,
WC91]. cost-performance [BJS03]. Costs [Fah96, WF90, PB90]. CoT
[HMY+18]. coterie [SGR03]. Coteries [WRC+02]. Count [MPS16], Counting
[AP16, KS00, SS96, WW98, WW04]. Counting-based [AP16]. coupled
[AJHeC90, BBB+06, BMF05, FPM+14, IEWK17, SMH+14, SA90].
coupled-cluster [SMH+14]. Coupling [GT02, YWD08]. course
[Bog17, Eck18, LB17, LB18, PSGS17]. courses [FSP18, Kuni17]. Cover
[Ano04e, ANP07, DDNS06, KO12]. Coverability [SP90]. Coverage
[ZCW19, Amm16, GM14a, HWC08, PSRS12, PCX+11, PCX+14,
REZ17, WMW09, YDZ+18, ZC04]. coverage-oriented [ZC04]. covered
[ZC04]. covering [KCR14, ST12]. coverings [Bod89]. Covers [ABCP96].
Covert [BKT95]. Cowichan [ASST05]. CPU
[DV13, DBA+18, GKS15, KLJ+11, LR14, LLKY13, Ren11, TRS+12, TYA16,
VW18, WLL16, WTW16, YLL17]. CPU-GPU [DV13]. CPU/GPU
[LR14]. CPUs [AVA18]. CR [LACJ18]. crash
[BG05, DDG+17, DDF10, ISM07, MFVP08, MR09, PMHM19].
crash-faults [PMHM19]. crash-prone [DDG+17, MFVP08].
crash-recovery [BG05]. crashes [GI15]. Cray [CDH84, SI91, YQT12].
Cray-2 [SI91]. CRCW [GM94b]. create [AM07, MMM+06]. Creating
[BS999, CCR94, LL07, ZWXX16]. Criterion [SS93]. Critical
[BLG01, LC14a, Scb95, GST09, TYH09]. criticality [ZZJ+18]. Cross
[IEWK17, SJS11, WXZ+18, CI03, KPR88, LST+13, WCL+13, YFYB17].
cross-architecture [YFYB17]. cross-layer [WCL+13]. Cross-scale
[IEWK17]. Cross-Site [WXZ+18]. Crossbar
[CP01, KJ84, OK01, PD92, KK17, LW89, McA89, WI90, ZPK+14]. crossed
[CW09, CFJW13]. crossing [HSSM07, JD12]. Crossstalk [Qia97]. crowd
[KDS18]. crowdsourced [VLG+18]. crypto [SA11]. cryptographic
[ABO+17]. cryptosystems [AVA18]. CSA [Ebe94]. CSD [KHT+14].
Cube [BCH95b, JH94, MS85, PP98, Tze93, AP91b, JT88, JL05, KF90a,
PK04a, ST06, LH05]. Cube-Connected
[BCH95b, Tze93, JT88, JL05, KF90a, ST06]. Cubes [HJ90c, HTHH02,
JH92b, Lat98, XL95, BVBO2, CW09, CFJW13, FLP10, LFZ+17, LLFJ18,
MKW18, SAOKM03, WSJ12, WS97b, XHZZ16, YTH07, YD98]. Cubic
cuckoo [CSW+17]. CUDA [BSH15, CBM+08, CB11, Cza13, KRKS11, KME09, LYIP19, dAMCFN12].
CUIRRE [ZSW14]. Cumulative [Ano98, Ano99h]. currency [HBF12].
Cyber [HRM17, QGB+17, CWCW18, CSW+17, DZC17, GQZ18, JWH+17, LLWC17, LMX18, MMN+18, PST+19, SLG+18, ZXMR18]. cyber-enabled [GQZ18, LMX18, ZXMR18]. Cyber-Physical [QGB+17, HRM17, CSW+17, JWH+17, LLWC17]. cyberthreat [KAA+19].
Cycle [Ano00d, KK95, LS97, Ros99, HDT+05, LLFJ18]. cycle-accurate [HDT+05]. Cycle-Stealing [Ano00d, Ros99]. cycled [LDZ+17, LDZ+14].
Cycles [BCH95b, Tze93, Wan01a, dBL95, HBAD15, JT88, JL05, JD12, KF90, LdSB+18, PK04b, ST06]. Cyclotrees [VB96]. Cyclic [OP96, PT97, SSG93, BD05, HS03, PK05a, Sch87, ST87, SPH13, LY12].
cyclic-by-rows [ST87]. Cylindrical [WN94].
data
derivatives [PK04a]. describe [JWH+17]. description [MRS+14].

Descriptor [Bal90]. descriptors [LNW+12]. Design [AFA13, AM17, AC16, Ano92c, BAHP01, BCD00, CGKK97, Car95, CCC90, CT93, CAB94, CW93, CTKA17, CKK+13, DR19, DBKF90, DVW94, ES96, EMP+96, FC90, FR96a, Fer92, GRV08, GFB+92, Ger98, GRKS97, GSP02, HP97b, JH92a, JZZ+17, LL90, Lee93, LH92, LLS93, LLKY13, MKC01, MP10, MVBO5, MG09, MML07, NBMS93, NJ91, Nie94, NspPC02, OS93, PD19, PA01, PI90, PMCC18, RCB93, RBG17, RPS93, RKK97, SDS+18, SAOKZ05a, SAOKZ05b, SRK95, Sol13, SHC93, SOG94, TTH12, WNA+94, WH97, XKN94, ZPK+14, Ada17, ABLP17, BBH+17, BZLJ04, CG11, CSJ+13, CK13, Che86, CHX+17, Chi95, CC96, DFHH13, DE91, EFG+14, FHL+15, Fer90, FCG+14, FD86, GREC91, HDT+05, HWWH08, HKC+18, KMC16, LÜ14, Lon04, LVBO7, MCM+11, Nap90, ORWT+18, OMT+17, PLD87, RGD03, RA11, SBS10]. design [TM06, TB90, VRRS17, VHJH08, VLL+14, WSG91, Wu11, ZMZJ17, ZY12, ZV09b, ZFWF06]. designed [BHS15].

Designing [BBBC12, BC01, CB06, DH91b, FSP18, GP93, GMS+13, GB03, KT89, NS92, Oru97, SRGB90, TC96, YCH+10, YFBY17, KAS07]. Designs [HCS+00, LHM95, MD01, Oru94, Bhu87, CP04b, MC17, Man13, PGRP17, Sch89b, WAS88]. Desktop [LSH+13, CCEB03, AAD10]. Detect [XCH08, UGG+11]. Detecting [CL14, CK97, NCT+07, SKK14, Tse95, YXX13]. Detection [Ano96l, BN02, BHRR95, BST01, CW93, CY95, CDP95, dADB96, GCKM97, GS96, HTB98, ISZM99, KSB94, KS94, LLLY08, MMRS98, Par92, PAH+98, Ram89, RP95, SL97, SJS11, WCF94, YHYW18b, AKK+19, AFD+11, AMK+07, BXA08, CRK+09, CV90, CH06b, CDW+19, DKKV15, DFP06b, Eri88, FM85, GCC18, Gue86, GH89b, HMY+18, IZ12, KKH03, KCFP18, Ksh12, KKTZ13, Lau86, LLLC15, LJ05, LLWC17, LHM14, MD07, MFVP08, NHO+13, PHM19, PH16, RLP14, ST12, SMI01, TRS+12, TY17, TCS+10, WL11, WML+18, WXZ+18, XL11, XTN12, XYG18, YF07, YDZ+18]. Detectors [Yen01]. detector [DMI+19, SLG06]. detectors [AAI+15, BGC+16, DGFGK05, LFA05, MFVP08]. detention [JXW06].

Determinacy [BN94]. determination [MJ03]. Determining [GRR93, LAS+97, DH91a]. Deterministic [AS91, BBBC02, OS96a, GTGLSA12, SGS08, WZZ+17, ZLWL12]. Development [BR95b, BSD04, KHT+14, PH00, AM17, DBC03]. deviation [XBK07]. Device [DM90a, PVP18, VFAD17, ALF03]. devices [Ano04d, Kim17, MXSL12, WL04, WCF14, YK04, ZV09a, ZV09b]. DEVS [PK05c]. DG1N [KMC16]. DG1N-3 [KMC16]. DHT [BJPPM+08, CTT16, HASB16, SP08, SX08, ZH07]. DHT-based [BJPPM+08, CTT16, SP08]. DHTs [GTGLSA12, SAL10].

DI-multicomputer [CC96]. Diagnosing [Qia97]. Diagnosis [BW95b, Kav93, KF95b, RFM94, Wan01b, eW95, CAF+11, FY86, FZ90, VS18, Yan04]. Diagnostics [DMG18]. diagonal [PRH06]. Diagram [RR95b]. diagrams [SZ03]. Diameter
[DF95, LP95, RS96b, WIKC97, BBD18, BBL04, CW09, SLWW05]. Diameters [Als01]. DICE [CKL99]. Dictionaries [MD98]. dictionary [GA90]. difference [CLXX19, HT90, SS11]. Differences [LDCZ97]. Different [GAG+92, PD92, Bhu87, CG17, GPT06b, LCB16, MM06, She06]. Differential [HRK+19, GGR89, WBW13]. differentiated [AM07]. differentiation [MCZ14, ZI08]. Diffracting [DLS00, HPT07]. Diffusion [DM17, SKK97, CEGS07, HES11, MMS09, RN04, ZXGD18, Zsa16]. diffusion-based [MMS09]. diffusion-drift [HES11]. diffusion-limited [Zsa16]. diffusion-type [BFH09]. Dictionaries [MD98]. dictionary [GA90]. difference [CLXX19, HT90, SS11]. Differences [LDCZ97]. Different [GAG+92, PD92, Bhu87, CG17, GPT06b, LCB16, MM06, She06]. Differential [HRK+19, GGR89, WBW13]. differentiated [AM07]. differentiation [MCZ14, ZI08]. Diffracting [DLS00, HPT07]. Diffusion [DM17, SKK97, CEGS07, HES11, MMS09, RN04, ZXGD18, Zsa16]. diffusion-based [MMS09]. diffusion-drift [HES11]. diffusion-limited [Zsa16]. diffusion-type [BFH09]. Digit [BOI91]. Digital [ZRC99, NAK04, PR06]. Digraphs [BMMS01, TZ00, BP89]. Dilated [Iqb92, Qia97]. Dilation [CCCM96, LST17]. Dilation- [CCCM96]. Dimension [CFJW13, HSW04, RS97b, WL92, XL95]. Dimension-exchange [HSW04]. Dimensional [AKPT99, CCCM96, DF95, FLS+97, Hwa97, KR98, LHS97, LP96b, LP95, NEG85, TC96, VB94, YCY+00, ANEA13, AB05, CMR99, DMCFCM03, Deh90, DTK11b, FCG04, GSSS03, GB11, HT90, HS17, KVHS07, KLC05, KKN13, KN8a, KN1b, LSC00, LC91b, LZY11, LZWZ19, LDS16, NBP98, NAK04, PTA08, PK07, SGR03, WRW13]. dimensionality [BV13]. dining [AFNT17]. DINO [RMHR17, RSW91]. Direct [FLC14, GV94, LLCC02, MRJ+19, SWHB17, TF01, ACFK07, ACU08, PPTV+10, Tam18]. Directed [GY92, LSC00, LY98, LY01, RJY96, BD05, MTM10, TDP15, WCWH03, Wu03]. Direction [CN12, BC94, Ebe94, MSAZ10a, MSAZ10b]. Direction-based [CN12, MSAZ10a, MSAZ10b]. directional [CCHC09]. directions [ACB+15, PSC+16]. Directive [MN15]. Directive-based [MM15]. Directory [GS00, JSM94, RFP09, SB15, VRS17]. disaster [SBZ16]. disasters [FP03]. Disciplines [MSd+95]. disconnected [LR03a, MCS14]. Discovering [TFV19]. Discovery [CHGM01, AOS+05, CKC19, FZ14, KOA09, KKS09, MKC+09, REZN17, RSL12, SPMML11, She09, SK11, TDC05, ZAB18, ZMG+16]. Discrete [AN02v, AB03, BNB+02, Bou02, DSN09, HIN93, LN93c, LLC08, NC97, PR93, AZC13, CVJ09, CRC+02, IHH16, HLT16, SSL7, TKBG04, ZZ90, ZCK+02]. Discrete-Event [DSN09, PR93]. Discrete-Time [BBM+02]. discretization [SWLZ17]. disease [VS18, ZXGD18]. Disjoint [BGR96, GT97, GP00, NS90, RSS99, WB01, HAB15, KMC16, LA01, Lai15, Lin03, LS03, MT14, SMP17, TDM05, WFLJ16]. Disk [CT03, Cor03, ER97, GP93, LP96b, MKC01, MRK93, MFS03, RAj01, RCB93, CL03b, JPD17, KR12, NC13, NZY+11, SRT+18, XS11]. disk-assisted [SRT+18]. Diskless [PKD97]. Disks [KR11, MT03b, MB93, MFS96, CKL04, CKL05, OC07, RWB+13, VA07]. dispatch [YHZ15]. Dispersing [Gil94]. displays [Tay05]. disruptive [SI13]. dissemination [AHZ11, DF17, LWW19, MCD+06, MSF+13, WW18a]. Distance [BBV02, CW00, CDF01, DS01, DF95, NM17, ST02, DS04a, EI07, Hsi04, MBR08, ST06, Tur12, WCWH03]. distance- [Tur12].
Distance-Hereditary [CDF01, Hsi04]. Distance-Insensitive [ST02, ST06].
DistDLB [LTL06]. distinguishability [ZCW19]. DistOpt [CLRW00].
Dist [KN18b, Lss+11a, MSAZ10a, PCX+14, REK10a, WTC08a].
DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distinguishability [ZCW19]. DistDLB [LTL06]. DistOpt [ST02, ST06].
Distributed [NTN12, NDW17, NSDZ18, NP09, OFS03, OPR18, PKN08, PKN10, PK05b, PRHB06, PGS06, PL03a, PC11, PH16, PMdO11, Pop91, PGKV18, PF04, PRN+19, RLP14, Ram89, RLH03, RAN+17, RDA18, RKS87, SSK11, SW12, SDTD04, SS88, SMP15, SU87, SB15, SC04, She09, SC5+08, SCMS12, SK90, SXZ06, SS18, SCMHI13, ST14, SKK91, SLK13, SK89b, SM04, Suk18, TLLV10, TG04, TBZB05, TZH06, TXLL14, TM10, TVT+17, TVQS12, VB08, WW07, WTC08a, WTC08b, WL11, WML+18, WW04, WMC+18, WL92, WD13, WSLC11, WZQ13, XHY07, XQ07, YLB15, YZG18, YWW18, YZG18, YWG15, ZAB18, ZLKK19, ZCK02, ZV09a, ZZJ+18, ZCMY12, ZTFK16, ZWRI07, ZBW17, ZWL03, dG91, DLL11].

Distributed-Memory [AMN00, CB95, CJ99b, DY99, Gup92, GKHS96, GHSJ96, KRC00, KHS96, NSS97, PHB96, RGS00, Soh96, BG+08, CPO03, GL90, ITT04, LC91a, Pop91].

Distributed-Web [KCD08].

distributing [TY90a].

Distribution [BRR01, BR02, CLZ00, DHR96, KL01a, LL98, MNM98, SLW10, SSYG97, ASM09, Fei03, FM07, GRV08, GBA08, HSW04, LWE06, LT07, Li17, MV05, NM17, PV89, SS06, SFHS19, WZZ17, gWW18, YJL16, ZWL03].

distributions [BKMT14, Nic07, PCX11, PCX14].

Distributively [VR94, FPP+08].

DITVA [KCSS18].

divergence [Tor89].

Divergent [RMHR17].

diversity [SSFP11].

Divide [AY89, CTZ99, BW09, GDL+11, Sto87, TP18].

divide-and-conquer [BW09, GDL+11, Sto87].

Divisible [VB02, BD11, CG12, CVJ09, DW04, HV13, KVA18, LML+10, MLDG12, MV05, ZW06].

Division [HP00, QMCL94, ZLPP01, Dav17, EL91, HRG+11].

DMON [HP07a].

DNA [GPX08, JV09].

do [LTG14, CCC17, CCHC19, KMS10].

Do-All [KMS10].

Doan [Amo92c].

Document [ZWL03, UGG+11, XCZL03, ZMCP11].

document-similarity [UGG+11].

Documents [ALL99, Fei03].

doing [MBG+17].

dollar [SSM+07].

DOM [WXZ+18].

Domain [CZZ+17, KR913, KRS14, NPY+97, RRS14, RMG19, SK09, SS11, WMC+18].

Domain-Specific [KRS13, KR14, MRS+14, RMG19].

Domains [DR95, BM05, dGP06].

dominance [EE05].

dominated [AM12b].

Dominating [RLD95, DW06, HJ07, JPD17, WCWH03, YSS11, YWW12].

domination [GP07, GZ10].

Don’t [BL94].

DOOR [Won99].

DOOR/MM [Won99].

dOpenCL [KSG13].

Double [GVBB13, XLHT13].

Doubly [OOW95, ST08b].

Douglas [HXG+19].

down [Sch89b].

DPI [HVW16].

dragonfly [BFVB19].

DRAM [ZLE+18].

DRAM/NVM [ZL+18].

Draw [Mi93].

Drawing [CP98, DP12].

drawings [JD12].

drift [HES11].

drive [LTG14].

Driven [CB99, CP99, FM99a, JB93, The02, TVO92, VBM90, WSS93, ASES15, BH86,
Drives [GFPC14]. DSDV [BDF01]. DSL [MRJ+19]. DSL-based [MRJ+19]. DSM [BJS03, ISZBM99, NPP+02, Nik03]. DSMs [KG04]. DSP [DSEP17, QSL+08]. DSPONE48 [DSEP17]. DSS [FGP05, MKC01]. DTN [VV90]. DTNs [MPS16, Yan09]. Dual [ACCP12, LSXX14, XWC+08, ZW00, MAJJ05, WCC02, WL05]. Dual-Hamiltonian-path-based [WCC02]. Duane [BS96c]. due [BKS91]. Duplex [RS94]. Duplication [BA97, DA97, BKS05, BD05, STK11, TLLL10, WCEA10]. duplications [SCJ+08]. during [VWHL96]. duty [LDZ+17, LDZ+14]. duty-cycled [LDZ+17, LDZ+14]. DV [CSW+17]. DV-Hop [CSW+17]. DVFS [CG17, ECLV12, LSC+15, RTZ11]. DVFS-based [RTZ11]. DVS [ZHLQ12]. DVS-enabled [ZHLQ12]. Dwarf [DTK11a]. Dyn [WLNL06]. Dyn-MPI [WLNL06]. Dynamic [AGF94, ALL99, AAD10, ANEA13, Ano97j, BR95a, BJPPM+08, BP90, BR02, CJD99a, CDAN14, Cyb89, DB11, DL01, FCC07, Fer95, FMP98, GP94, GM14b, HM01, HC97, KKG501, KCSS18, KR10a, KVA18, KPC96, KC99a, KS97a, LHKL03, LPS+98, LL98, MAS+99, MD13, MB19, MS+95, MSSE02, Moh97, MNM98, NPP+02, NPY+97, OOSG+16, PH96, QML94, RDS02, Ric98, RGVBO00, RN04, San95, SHSH17, SZ00a, SLN+99, SS98, SB97, SS17, SG96, TT10, TDP15, WCE97, WJD91, WLID02, XL92, XH93, ZLP97, ZA05, ZM94b, Aksz19, BCV05, BBCQ13, BGLA03, BNPO2, BB03, BCF14, BK08, CBD+09, CSMML10, CW05, CPLY18, CG+09, CD605, CKML12, CWD11, DLW+12, EE05, Fe03, FXW03, FKLB08, GÖÖ16, GCS06, GFPC14, GBA08, IC05, JBA15, KZ11, KMS07, KMS+06, LTB02, LGZ+10, LLY08, LC91b]. dynamic [LPX05a, Li10, LLY15, LS06, LLW12, MYYY17, MC91, MK09a, MCM14, Mit07, MML07, NDB+13, NLT+18, NCT+07, NHO+13, PK08, PKN01, PM05, PSSP05, PW17, QJ05, RK18, RCG18, SNMB16, SSM+16, SS06, SSS07, SZD07, SCK03, SLG06, SSDB+10, SSB16, TSZ07, TW15, TH08, TMK+17, TT07, WW12, WXZ+18, XLC+18, YK04, YS11, ZYXO11, ZCS+18]. dynamic-warp [NHO+13]. Dynamically [JB98, KSS+07, PPP14, dSR00, SB84, GK15, Kep03, Lai86, MSV19, Mat06, ORW+18]. Dynamics [ES96, JBL02, NPY+97, PAH+98, TSA97, AMGM06, CvdBL+08, CMPS18, DAG+17, GBM07, LHWJ19, LGRV19, LYY08, PAR04, PTK+13, WYX13].

TDM05, TPJ+19, WB01, WZX+19, Ale19b, Ale19a, CL85, DJT03, GDP08, JTC+18, KCFP18, LBT19, LYJ+19, Lin03, LWWQ18, MS19, MA19, PRN+19, SS03, Udd19, WZH+19, YWJ+18, ZCS+18, ZGW+19].

Edge-Coloring [LSH96, GDP08]. Edge-Disjoint [BGR96, WB01, TDM05, Lin03]. Edge-of-things [AMU+19]. edge/cloud [Ale19b, MA19]. Edges [HHC98, BKCM17, FPP+08]. editing [RS90b]. editor [WW03, AB03b, Ano01l, Ano02g, Cas93, Che92, Cho93, Her92, Kri92, Lin93b, Pan09, Pra16, Sch90, Sto90]. Editor-in-Chief [Pra16]. Editorial [AS15, Ano94e, Ano95k, Ano96k, Ano99i, Ano02e, Ano02f, Ano18v, Ano18w, Ano18x, Ano18q, GHS94, GHS95, GHS96, GHS97, Hol17, Kauf92, SLL18, DF12, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j].

Editorial [Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18u, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r].

editors [XO05, AP93, AL99, Ano01j, Ano01k, Ano02h, Ano02i, Ano16k, BD00, DOP98, ES97, GGB93, GC95, JW94, MC93, NT90, OW01, PN97a, PN97b, PA96, SH92a, TFV+15, BG90b, TY95, WC05]. Edu [PGKV18]. Edu-2016 [PGKV18]. educating [LMB+17]. education [APV18, BLZ+18, CVK+18b, Hua17, MBG+17, Neel17, NKSA17, NSDK18].

Effect [ACD+93, IS06, BL05, JZ05]. Effective [Ano97k, BC01, GM96, HH97, KO11, LT96, MAR05, QM01, TC92, VH93, WLID02, YZS96, AMU+19, AM12a, BV13, BCK+13, Cza13, DJDK19, DK04, FZWL12, FWM+10, FHH04, JLWX11, KHW13, LJQ+19, NML+19, NAK04, SNC12, WMY+17, YCH+10, ZJ06]. Effectiveness [GM00, HKT+91, KS97a, LKK94, NRS95, MA11, TC03]. Effects [AMB95, DZDZ01, KB96b, ÜD96, CK88, HLS03, KG04, SPBR91]. Efficiency [EH01a, GG01, LDJ+18, AH12, AG12, BC11, BYH+17, ESCV15, FRM15, FCP+15, GSWW04, HRM17, HJLR12, LB12, LZSL06, PB19, Ren11, SI86, SWHB17, SHC14, VETT18, YF09]. Efficient [AOSM04, AP94, AZC13, AKP95, AG86, AMK+07, BCO+12, BM16, BGD+03, BAGS95, BAH04, BRP03, BJK+96, BDH+97, BMIM07, CM04, CRK+09, CKK00, CCC92, CPW12, CN93, CS95c, DDN106, EP90, EL97, FGG08,
Efficient

Efficiently

Effort

EFS

Egress

Embedded-TM

Embedded
[ANS97, Amn94, AM93, BL89, CCCM96, CS95a, Efe91, Efe96, HKMU98, HJ90c, LSC00, LPS+98, Lin03, NPI+96, PW16, PM92, QM01, RWY93, SHL95, SLP+98, TT98, TLW94, TL96, Var91, Wag89, Wag93, Wag94, Wan01a, Wu85, WFL98, BG90a, CRHC19, FLPJ07, FT04, LFZ+17, PW17, YLZW18].

**Embeddings** [GH93, HM01, HOS94, KC98, MT93a, OS97, OD95a, CL91a, GNW03, LLFJ18, YTH07].

**emergency** [HPB+10].

**Emerging** [Ano02v, BKC+15, KHT+14].

**Emitter** [FPM+14].

**Emitter-coupled** [FPM+14].

**Empirical** [FTC00, LR93, LGK+12, NXTK17, XZS96].

**Employing** [AGMJ06, PKW+10].

**empty** [Deh90].

**Emulating** [KMS10].

**Emulation** [JH94, PRW94, LST17].

**Emulations** [RGD03].

**Enabled** [MWL00, CSL15, CCN06, GQZ18, GRJ+15, HTB19, KTF03, LMXJ18, NML+19, SLZ+19, TODQ18, ZXR18, ZHLQ12].

**Enabling** [ETS14, FCG+14, JKIE13, SP08, SA19, TT10, ZPI06, ZCF+17, DKKV15, HRH18].

**Encoded** [JH94, CLV95].

**encoders** [TLL+18].

**Encoding** [AAL95, CP10a, WLCZ15, ZWQ+16].

**encrypted** [LZWZ19, SWW+17, ZHT16].

**encryption** [WXMZ19, WCCH18, ZAAB17].

**End** [Ano08, Ano09, Ano10a, Ano10b, Ano11], Ano11k, Ano12m, Ano12n, Ano14f, Ano14g, Ano15k, ZLCJ12, CXQ+18, FGP05, GBMZ07, HPSM91, ORWT+18, WG11, XLL15].

**end-systems** [GBMZ07].

**End-to-end** [ZLCJ12, WG11, XLL15].

**enDebug** [CV16].

**endpoint** [Hsi04].

**endurance** [WCWO17].

**Energy** [ACA+19, AKSZ19, ALF03, BOY10, BYH+17, DKM10, DKY01, FWM+10, GQZ18, GYP13, KR13, LK13, LBMRG15, LL10, LW16a, Li16, LNAL17, LSC+15, LR03b, LY13, MGSG12, MTL+18a, NMS+18, PLR07, QSL+08, RM11, SP13, SSGZ13, WHC+18, WH17, XHZ+10, ZZJ+18, AHG12, AK18, CV16, ECL12, FRM15, FCJG+18, FCP+15, FKL08, GHIY10, GDC18, GTN+06, GL12, GPSH19, HRK+19, HP06, HRM17, JZZ+17, JZF+15, KR10a, KSI04, KyLPC17, KCR14, KSSK16, LR14, LCW05, LL12b, LLCZ19, Li19, LZC11, LLDL15, LCB16, MNR+19, MKK+11, NS12, OMT+17, PCMM+17, PB19, RBW+13, RLA+16, RLA+17, RFS+12, RT18, RTZ11, TLY12, UM1+18, VRGS17, WMV09, WLST16, gWW18, XS11, XLPL19, YL12, YZ15, YAK15, ZW11, ZWY+15, ZWX16, ZLCZ18, ZHLQ12, MSK+16].

**Energy-aware** [GQZ18, LBMRG15, LNAL17, LY13, FCJG+18, LR14, LLCCZ19, MMK+11].

**energy-constrained** [JZZ+17, KSI04].

**Energy-efficient** [DKM10, GYP13, LR13, LW16a, LSC+15, MGSG12, NMS+18, WHC+18, WH17, XHZ+10, GDC18, KCJPC17, KSSK16, LLDL15, MNR+19, TLY12, VRGS17, WMV09, WLST16, ZHLQ12].

**Energy-Friendly** [MSK+16].

**energy-performance** [ECL12], **energy/power** [OMT+17].

**energy/power-aware** [OMT+17].

**ENF** [CK97].

**Enforcing** [KMF+05, Kub17].

**Engine** [KSL85, Ram92, HVW16, XTN12, SD88b, XP10].

**engineer** [GS18].

**Engineering** [LWR+03, BCD+15, CCE+17, Gai87, Nee17, PRHB06].

**Engines** [SD00].

**Enhance** [WLID02, DZC17].

**Enhanced**
[BOSW94, MD13, OPG08, OS96b, OSZ98, RK18, LLDL15, dOBG+15].
EnhancedBit [ARD14]. Enhancement
[KJ84, TC92, DK04, KS18, NGQM12, RH05, RM90, TBG+17].
enhancements [ESGQ+18, LÜ14]. Enhancing
[AYIE98, CGN+13, CRA+08, GRR13, dAMFdS13, MH18, OM10, 
QGZP17, VETT18, CCHC09, JBY+05, VA03, WXZ05]. ensemble
[KBC19, SV18]. Ensuring [JF95]. entangled [EAB+19]. enterprise
[BJPPM+08, CCEB03, GSASA19, LSH+13]. entities [Ahu90]. entity
[MPN17]. Entropia [CCEB03]. Entropy
[TVO92, V089, DFHH13, WMW09]. Entropy-Driven [TVO92].
enumeration [SSTP09, SR90, WCH+17]. envelope [GC07]. Envelopes
[BMRC98]. Environment [AT94, AD95, ALL99, AA95, BB93, CP97, 
CLZ02, CSMML10, CCRS92, CHR94, CB96, DKY01, DRSB01, 
GYAB11, KZ96, K99b, LC90b, LAS+97, Li99, MFH93, RS92b, 
RSD94, SG93, SRG90, SS00, WH97, ZL93, AOS+05, AKSZ19, 
BLZ+18, CK88, CCS06, JLLX11, KVHS07, KSS+07, KK10, 
LLL08, LL18, MYY17, MAR05, MLK12, MML07, 
PST+19, SSK11, SSM+06, VD18, WD13]. Environment-conscious
[GYAB11]. Environments
[CTD99, CLRW00, CP99, KRW96, KR97, KER01, LTH97, PRS97, 
PRG88, SSK96, WSRM97, WSA+94, ATZ07, BAL05, BPA06, 
BH05, BSMH08, CTKA17, CLL09, DBC03, DWXI0, ECP+18, 
ECLV12, FRM15, FCJG+18, FMIF18, JS86, KV10, KAS07, 
KLJ+11, KCFP18, Ksh12, LY91, LSH+13, LW1+03, LML+10, 
LSWC14, MK08a, NP09, PP06, SJB12, SZB16, SZL10, 
SJS11, TZ11, TG03, WMES12, WGI11, YT05, YCC05, YWG15, 
ZLWZ18]. Ephemeral [AGMS16]. epidemic [AHZ11, LpJS+18, MSF+13].
epidemiological [Rao16]. epistatic [HLS03]. EPLS [CLC+17]. epochs
[PB08]. EPPOD [WH97]. EPSILON [GH90]. EPSILON-2 [GH90].
equal [ST85]. Equation [DM90a, RW01, Gao86, JGMY17, LYL08, 
WJ14]. Equations [IK94, MV94, PSE+01, QOvdG01, TH02, CM03, 
GGR89, GS91b, SPH13, Ter16]. Equivalence [OO85, CM04, 
SM92b]. equivalencing [ES12]. era [MBG+17, SC10]. Ercegovac
[Ano92a]. EREW [DL98, HS94a, ZK94]. Erlang [CLG+16]. Erratum
[Ano92c, Ano93e, Ano96l, Ano00d, BS96c]. Error
[Lat98, Par92, WCF94, BGBC+16, DFIHH13, OWK14, PKN08, 
RIZ90]. Error-Correction [Lat98]. error-prone [OWK14]. error-resilient
establishing [GPJA10]. establishment [SZMK13]. estimate [BKK+11]. 
estimates [TDBL13]. Estimating [CCK88, LGL13, MK92]. Estimation
[CP92, Fah06, KC17, PKN08, SPVvH03, gWW18, ZRN+14, DLL11]. estimator
[SY14]. Ethernet [HcF05, KLY05, PYF08]. Euclidean
[DS01, DS04a]. Eulerian [Kal04]. EUROGRID [LBE03]. European
[LBE03]. evaluate [dOCS14]. Evaluating
[AFNT17, Ale19b, BL96, BC01, CLRW00, FW05, HCS+00, HKT94, 
LR94, MMN+18, RS92b, SS99, TGT95, ZYH94]. Evaluation
[ATM01, BPJG92, BS92, BCD00, BM95, CT93, CEF+95, CP01, CP04b,
CP91, CP92, DT01, FR96a, FTC00, GGD93, GS96, GS00, HJ90b, HN91, yHY97, JB93, KCDZ95, LHS93, LLY93, LP96b, MT95, MS85, MKC01, MB92, MJ01, NBP98, PE9C95, PTC+93, RCB93, RNSB96, RKK97, SM92a, SDS99, SOG94, THBF97, TH02, VBM90, ASHO19, AB13, Bat05, CTKA17, ClLCK04, ClLCK05, CC96, CB11, dADC18, DR19, DMS+16, DM88, GRV08, GE85, GS91a, HW03, HBS17, HTB19, LL90, LZY11, LN+W+12, MS88, MVB05, MGRRK14, PMCC18, Sch89b, SWP90, SA11, Sol13, SE15, WL90, WLZ+18, XQ07, XWC+08, YL12.

evaluator [MS87, MP88].
evasion [YpGyLlC13].
Even [NT93].
Event [Ano02v, AB93, Bou02, CK97, DMSH90, ECP+18, Lin93b, Lin93c, Pra93, AZC13, BM17b, BXA08, CK08, CM12, FX10, JKD+15, LVR90, SW12, Tsy05, WZQ+13, ZZ90, ZCK+02].
Event-based [ECP+18].
Events [Yen01].
Eventually [LFA05].
everybody [KSSK16].
everything [CCM+06].
everything-shared [CCM+06].
EvoDeep [MLCFH+18].
Evolution [JM00, RBB17, HWY+10, Li10, Ngo06, SV18, WRW13].
Evolutionary [Ano99g, MSSE02, SdS97, SS97, YLZW18, ZQ97, AC89, BH05, COF+17, GB06, HD10, MLCFH+18, SCS+08].
evolvable [KKKP12].
Evolving [GR96, OH02].
Exact [RS96b, GA18, OFS03, PB15, Psa96, XQ10].
Examination [FL86, SMH91].
Examples [FK89].
exascale [APV18].
Exchange [VB94, WS97b, XL92, XL95, CMR+18, Dim04, ECP+18, HSW04, NKK16, PW16].
Exchanging [GPT06b].
Exclusion [AE95, Cha94, Cha96, FTC00, GBG93, KY02, KUFM02, NTA96, NM02, Sin93, ZY96, AK07, Ara13, BAS06, CW05, CH06a, CB06, DGFGK05, Gos90, LASS15, MM07c, NTN12, RDA18].
exclusive [DMI+19, WW18a].
executed [SP90].
executing [AKSM08, CDJ+89, QJ05, Sol13].
Execution [CCC90, Cou93, DD95, Gup92, GHS96, HS86, LAS+97, LTIK05, Mah95, MM93, Mer96, Mir91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSBN01, SCMB90, SA93, Sm02, WB96, ARM+05, Bic90, CC87, CWCV18, DC99, DKRI09, ESCV15, FCC07, GYY+14, GK04, LFS16, LR14, LPK+10, Li19, MSM09, MTL+18b, PP13, PSB+19, uRIL+18, RG06, S066, WLST16, dKG+10].
Executions [LMCF90, FCP+15, KVNV17, RV13].
exercises [Suk18].
expandable [SSB91].
Expanding [Zia92, RM10].
Expansion [LY12, SL9].
Expectation [YZG18].
Expected [Ros99, CLL09, SS88, SC91a].
expected-time [CLL09].
Experience [FTK14, SH92b, Chi95, LBT19, NGQM12].
Experiences [ARM+05, CDH84, GRJ+15].
experiment [PF04].
Experimental [BJ96, BFG04, CKTI11, FCS91, LQ97, HBJ98, MJ01, PTC+93, YMR93, ZYH94, Bad04, CT94, dADC18, GHC+17].
Experimenting [AD95].
Experiments [RS924, CF88, LYW+16].
Expert [DSW94].
Explicit [CP90, DSO2, Fre96, RCG+11, Rao16].
exploit [YCH+10, ZPI06].
exploitation [PVWG06, VFAD17].
Exploiting [CB15, CKK00, DL99, FTM+19, FKLBO8, FY97, HT90, JBY+05, KLS14, MNB95, NMS93, RGAN18, SH92b, VBF13, WYTX13, ZLWL12, CDAN14, GJXZ05].
exploits [GBMZ07].
Exploration
[SDS+18, BKC+15, CKK+13, LLKY13, OT19, TKKH17, TD07]. Exploring [ARP18, LR93, NXTK17, PCMM+17, ROB+18]. express [APRA18].

expression [CLXX19, GSB1a, WSH+03]. Expressions [GKHS96, Mer96, DeG88, DM90b, JK89, LGK+12, MP88]. expressiveness [HdR13].

Extended [BLG01, LWOG02, Reo84, El07, LWWQ18, YWW12]. Extending [BBCLL04, CMR10]. Extensibility [MB96b, LFH+03].

Extensible [FLCB10, HGFF10, ZWL03]. extensions [DPSD08, Oza04, JM00]. external [DO89, JZK04].

extracting [BCH15]. Extraction [YB01, CLC+17, HP06, LLS+16, MM15, Pia08, Rjo08, WJV07, WZY+19, dAT17]. Extrapolated [DM17]. Extrema [AFS96, RKS87]. extremal [FSV14].


factorization [CASD18, FHL+15, MVV91, OT19, SLV19, She06, ZLRP91].


Failure [AA1+15, FCF00, Fu10, JAB12, BKMT14, DGFGK05, FX10, HK05, JKIE13, KV10, LGZ+10, LFA05, MFV08, PCLP16, YF07, YHYW18, JKIE13].

Failure-aware [Fu10, JAB12]. Failures [ADS01, DT02, VR94, VR95, DGF10, GPT06a, HRC09, LY10, MR09, RLH03, SCMS12]. Fair [ALH+09, BHTL14, KY02, KHH18, Tan16, AS19, GNT04, KS03, QD08, LASS15, SPC+17, SCG10, XWC+08, ZLL14, ZQMM11].

Fair-share [KHH18]. fairness [Ara13, SHC14, ZLCJ12]. False [HF96, KG04, LLWC17]. families [FSV17]. family [NS90, ZDC06]. farm [TBZB05].

farms [JTZZ11, MCP+18]. Fast [ABCP96, BC06, BV13, BF97, CK06, CXX+18, Cor93, DMK19, DP00, DS04a, DPRW85, EM89, FZC+05, FR96b, GM94b, GHP96, GZ97, GJXZ05, HZA+15, HN91, IK94, JN96, KK06, KSSG14, Lat98, LH90, LYI19, PH91, PA04, PT97, RHH06, SS03, San98, SR94, SHT+95, SGS08, SA08, SDG08, ST05, TPLY18, TF01, YZ96, YD98, YB01, ZLZ+19, AGMS16, BC05, BBBC12, BFKW13, BKH17, Cal06, Can18, Kep03, KA91, KP05, LLS07, PH16, ST85, TS91, WWW17a, WZY+19, WJ12, XLH18, Yan04, CVK+18a, LLCL98].

Faster [BMM97, GSO3a, LS05, CM03]. Fat [Zah12, CI03, CS06b, ESGQ+11, ESQ+14, SK05b, YMLP14]. fat-stack [CS06b].

Fat-tree [Zah12, SK05b]. fat-trees [ESQ+11, ESGQ+14, YMLP14].

Fattened [GMVRGS16]. Fault [AE95, AM07a, AM95, ABBD14, BX0A8, BSS97, BMM97, BW95b, BKMT14, BPA06, BCH95b, CLMLR15, CRV94, C193, CKN07, CY95, CC94, CD09b, CF98, DBCF13, FY86, FM90b, GNS09, GRR93, HGCC96, HTTH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LGG08, LC96, MD01, MMRS98, MPG17b, Pak89, PB95, Ph01, PKD07, PM92, RLS96, SCC92, SS95, U94, VR95, WI9C97, WW97, Wu94, XCS06, XHZZ16, mYYF92, YBO97, mYA91, ZYO02, AA14, AA16, ANEA13, AOSM05, ARVZ14, BB87, BX15, BDDL09,
BPP05, CL91a, CW09, CWL+07, CDR09a, CMT92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLPJ07, FZ90, FABG+19, JBS14, KG10, LCC+05, LHLM14, LH05, LFGM17, LAC18, LP88, MSEM+19, PD19, PR06, PL06, PAS15, TCHC12, ZV09b, ZJ06. Fault-Detection [CY95]. Fault-Induced [WKC97]. Fault-Sensitive [VR95]. Fault-Tolerance [BJ15].

Fault-Tolerant
[AE95, AM97a, AM95, BW95b, BCh95b, CRV94, CL93, CC94, FM99b, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, WIKC97, Wu94, YBOY97, ZY002, ABBD14, BMKT14, BPA06, CKN07, GNS09, JBA15, LFZ+17, XCS06, XHZ16, mYA91, AA14, AA16, ANEA13, AOSM05, CL91a, CMT92, CMS04, DTK11a, DH91b, FLPJ07, FABG+19, JBS14, KG10, PR06, PL06, TCHC12, ZV09b, ZJ06]. Faults [LT96, WFL98, CP17, ISM07, LLFJ18, PMHM19]. Faulty [GP97, HIKM94, NSLK99, Pel95, RS96a, Tse95, TL96, Wan01a, Wu02, YTR94, oPP00, Che05, DD96, PK04b, SKK91, YTH07]. FCFS [Ara13]. FDM [ORR03]. FDM/FEM [ORR03]. FDTD [SS11]. feasibility [MAKWZ13, RB12]. Feasible [ESGQ+18]. feature [CLC+17, DKC14, LLS+16, PLSM18, PFJ04]. features [CGC16, LMXJ18, dAT17]. federate [CTCX08]. federated [SJB12, TODQ18]. Federated-IoT-enabled [TODQ18]. federation [CTC10]. Feedback [MTM10, HWL18]. Feedback-directed [MTM10]. FEM [ORR03]. fetch [AK07]. fetch-and- [AK07]. few [Sch14]. FFT [BH93]. Fibonacci [Alu97]. Field [BA92, EAB+19]. fields [CDR90, EL07, LdPLC+19]. FIFO [BCLR96]. File [FPD93, GL92, HWLR14, KE93, MS96, WDDK09, WMG01, ZLH+18, CTC11, DT11, DLW+12, HOE+09, KYS13, KUA07, LHZ+18, LCM+06, MXSL12, No12, SC04, SZ09, SX14, Wan06, WZZ+17, ZJ06]. file-sharing [KUA07]. Files [BNS00, JSM94, Lin93a, WRC+02, ARDQ18, BCK+09, Che89, WJ12]. Filling [BFG94, ST12]. Filter [IWOG02, VRG17, SPMMLVS11]. filter-based [SMPMLVS11]. filtered [LKB+15]. Filtering [BTG02, BW18, CH06b, Kep03, PPG09, ZCK+02, ZLJ+19]. financial [PVRS17]. find [Hoh90]. Finding [AFS96, BS97, BE95, CCC92, DH94, DWHL87, FSV14, FTL92, HHC98, KRSZ02, Kar02, MT97a, MHP05, OMSNSG05, PGS06, SH92b, RKS87, WCH03]. Fine [CLZ00, FR92, IBP08, LFA96, Man13, MPV12, NS97, PY96, SA93, WD94, CHLL18, FW05, FSD04, GVA+08, IKSS7, PL03b, TKHG04, ZCF+17, LQ90]. Fine-Grain [FR92, LFA96, FW05, PL03b, TKHG04]. Fine-Grained [PY96, WD94, IBP08, Man13, CHLL18, FSD04, GVA+08, IKSS7, ZCF+17]. Finite [BCV94, CSSY94, HB97, HNM02, WLD00, CDR90, FC14, HM06, HT90, KME09, LWCC15, SS11, SI90, PPTV+10]. finite-difference [SS11]. finite-element [KME09]. Finite-State [HNM02]. FIR [GLD06]. FireGrid [HPB+10]. Firehose [KM97]. Firing [KM91, Nie94]. first [DAG+17, Lai86].
first-order [MP87]. first-principles [DAG+17]. fission [GOÖ16]. Fit [SP96, HLS03].
fitness [XYW+18]. Fitting [CY96, MRRV98, LZY+18]. Fixed
[GHK98, HCWS94, KP17, ACU08, BCM06, GREC91, Hsi04, MT14, ZDC06].
Fixed-Connection [GHK98]. fixed-time [GREC91]. flabellate
[LSS+11a, LSS+11b]. flags [TdaR18]. FLAME [ICQO+12]. flash [No12].
Flexible [CCR94, ESMG96, HGCC96, JWSG14, RS92c, VB96, CS17, HCM11, LL12a, MM07b, PR06, SDS10]. Flexibly [SA90]. flip [LDS16].
Floating [CNLRL18, MRK93, Can18, Dav17, Gro85, MP08].
Floating-point [CNLRL18, Gro85, MP08]. flock [BZH06]. Flocking
[TWQ12]. Flooding [BCF14, XCH08]. Flow
[AS95, BJ91, ESMG96, JBA15, LLS93, LM96, MK92, BG90b, BAMM05, Boz09, CF88, CWP12, Gao89, GE85, JTZZ11, KM17, LHF91, MG09, NPE+19, Oza04, SPPA19, TR89, TBZB05, TY90b, ZCW19]. flow-level
[NPE+19]. flow-time [TBZB05]. flows [SM89b, VBDRC13]. flowshop
[CB11]. flowtime [LZ05]. fluid [AGMJ06, CVK+18a, LGRV19]. fluids
[JdSJC+15]. flush [CK06]. FluteDB [LLB+18]. Flux [U84]. FM [LC97].
FMM [PLFMC+12]. focus [DSEP17]. focusing [FS18]. Fog
[NML+19, JHL+18, WML+18, SZR+18]. fog-based [WML+18]. Folded
[Wan01a, Lai14, Lai17, SGR03]. folding [LYL08]. food [CXX+18]. footprint
[MSV19]. foraged [PST+19]. FORALL [ALS91]. forces
[LHWJ19, Num08, Num09]. Forecast [RHH96]. forecasting [TL+18].
forest [BC06]. form [NCB+17]. Formal [AS00, LSCA93, Eri88, SHS17].
formalism [MBO11, PK05c, PSPR05]. Formalization [BFL+13]. format
[ZGG+14]. Formation [Wu02, KSK15, YZS15]. Forms [TR96, WNA+94].
Formulation [JBO2]. Forthcoming [Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t].
FORTTRAN [FC95, AH94, BCF+94, HHTK96, HKT94, HL98, Sab94].
Forward [Lia17, NS95, dOBG+15]. Forwarding [AD10, GS01b, Ana14, HDCM11, KHK18, LW18, STMZ18, WTB+08, XYG07]. foundation
[DHS06]. Foundations [BFL+13]. four [FZ90]. Fourier
[CVK+18a, LLCL98, DPRW85, HN91, TS91]. FP [WB94]. FPGA
[CNLRL18, CS17, HBS17, IHH+17, MH18, NSKN17, PD19, Pet18, SA11, TYA16, TOR+14, WLCZ15, WIR+18]. FPGA-based
[HS17, IHH+17, NSKN17, WIR+18]. FPGA
[AD12, LdSB+18, MC17, MSSE02, NMS+18, WD18]. FR [GS01b]. Fractal
[ASKTZ13, LS06]. Fraction [GP97]. fractions [CR91]. fragment [CZZY09].
frame [SCG10]. Frames [LNA12]. Framework
[AGG98, CLR00, EMP+96, GHSJ96, KZ96, KK95, LAZZ00, Sin95, ZM94b, AAY+15, AMU+19, Annm16, AM12a, AC16, AK06, BK13, BA06, BCFF05, BMT12, BGM+08, BJ18, CCA18, CCC+04, CV16, CHX+17, CPM18, DV13, DMB+03, FGM+03, GRDB05, GM13, GFPC14, HSH10, HDT+05, HRM17,
HRH18, KTP17, KKS+12, KL05, KBC+10, LV15, LS06, MCM+11, MJ03, Men18, MBR19, NLB+18, NFE+19, PMAL11, PAG+18, RBN11, RGD03, RW02, ROB+18, SAL10, SMH+14, SGdSS13, TZH+06, TLW18, VS18, WTWZ16, WHW+17, WXZ+18, WMG13, YT05, YLB+15, ZGW+19, dAT17].

Frameworks [KRS13, KRS14, DAB+14, uRIL+18, UMM+18, ZKZF18].
Fraud [BST01]. Free [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, ACH18, CB06, DFP06a, Dav17, FKKR16, FLM+19, HV09, HSY10, HA06, JBS14, KHI2, LAS15, LW18, MYM10, MBMC19, MKM16, Pen11, SD91, SSdIB+10, ST05, ST08b, TT07, VBDRC13, Zah12, dOBG+15]. Free-Space [KM97, RP98, SH98]. Free-surface [VBDRC13]. FREP [KR12].


Function-Composition [HLJ98]. Functional [ABB4, Ma95, SC95, QSL+08, WMY+17, WD18, YJ91]. Functions [TG97, VR94, AMT13, CMR+18, MM15, RMU14, SJVRVS19, WD18]. Fundamental [GL92]. Funnels [SZ00a]. Further [PMV06]. Fusing [TVT96]. Fusion [AMB95, STN92, ECP+18, QSL+08]. Future [AE88, KS95, MNK12, PJ18, ACB+15, ECLV12, LY13, MKN14, PSC+16]. Fuzzy [BCF97, DFL017, TZ11, KKTZ13, KC04, NC09, SMO14, ESCV15]. fuzzy-based [NC09]. fuzzy-decision [KC04].

G [GDL+11, GA18]. G-PaMeLA [GDL+11]. G/M/1 [GA18].

G/M/1-type [GA18]. G2 [KTF03]. Galactica [WL02]. Gallop [Wei98]. Game [AaJS01, BS00, KK10, PC11, JTC+18, Sch89a, YpGyLC13, Zep91].

Game-Theoretic [AaJS01, PC11]. Game-Tree [BS00, Sch89a]. Games [DKY01], gamma [KMC16, VR86]. Gang [FR92, FR96a], gap [BJS03, KLJ+11, KR17]. GAPP [KA91]. Garbage [KS00]. gas [OGRV+12, KZ96]. Gate [OM90, EAB+19, NKV14, WCF14]. Gate-Array [OM90]. gateway [KKKP12]. gather [BM04b]. Gathering [Lat98, PMHM19, JLY12, LLW07]. gating [CZPP16, ZCF+17]. Gauss [Dav17, HO94].

Gaussian [BPST96, BMM97, Cap87, DPRW85, HAC17, KA91, Vel89, WL11]. GbE [LB12]. GCD [Psa96]. GCHAR [CWZ+18]. GCSPNs [BUC92]. GEL [LTIK05]. GEMM [JM15]. gene [WSH+03, WCEA10, FGM+03]. Genehunter [CPO+03]. General [Ane96l, BHR95, CG02, GBF+92, KL08b, Seb95, VA07, AZW13, BCFF05, CBM+08, CYZ06, CW15, FK89, GFPC14].
LB09, LV15, LCB16, MSAZ10a, MSAZ10b, OFS03, PK05a, Pel90, RGD03.

General-Purpose [GFB+92, KLO8b, CBM+08, LCB16, RGD03].

Generalization [GCM95]. Generalizations [Oru94].

Generalized [AKPT99, Bai94, BETD94, BR91b, DMCFCM03, Fer93, FAM96, JH92b, Lee94, PE93, SS91, WIK97, XL92, XL95, YN92, ZLPP01, FK89, HSH10, KMP+06, Luk85, Nic88, TDM05, WRW13, YCC05, ZLMC14].

generals [CBV08].

generated [MTM10]. Generating [AAK+13, AMS94, Bec96, CGL+95, CJ07, GHSJ96, SS96, SCMH13, SOG94, TH02, WRW13].

Generation [ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a, NC97, RGS00, RNSB96, SSCH00, ABC+09a, ABC+09b, AFM09, Arb89, BCK+13, FK89, FLM+19, Gao89, GNZ18, GMXA07, HPB+10, HZZ+19, LK13, LC92, Meg91, NAB+11, ORWT06, SB04, Trä09, Zsa16].

generator [KCP19, Pet18, WSG91].

Generators [Alu97, Bro96, PK89].

Generic [PA01, AK07, GM13]. Genetic [ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02, WLI02, AL04, ALM+16, ANEA13, AB13, BCF05, DK11, HSSM07, KM03, LA04, PKN10].

Genetic-Algorithm [WA02]. Genetic-Algorithm-Based [WSRM97].

Genomes [KESA07, SPRG+12]. Genomic [HL03].

genre [WIR+18].

geocast [CL03a].

Geographic [AD10, LAGK07, SJS11]. Geographical [PFJ04].

geographically [ZWL03].

Geometric [Abr96, BMRC99, CDRC99, GM96, KV88, WPKK94, AG86, CMN12, KK06, LWZ19, MRS+14, TSF14].

Geometric-Decaying [GM96].

Geomulticast [AP03].

Globally [CWP12, NZA13, LNA12]. globally-aware [CWP12].

Gluless [RFPA08].

GMA [ZFS07].

GMAC [GZMC08].

Gnutella [BAL05].

GPGPU [DFST13, KWZ19, OGRV+12, SJVRV19, WMG13, YPCW16].

GPS [AKBD10, LWW18].

GPS-free [AKBD10, LWW18].

GPU [YL16, AR18, BCMV15, BDRB14, BFKW13, BHS13, CSL15, CMM13, CRHC19, CMR19, CW15, DV13, DBA+18, DFHH13, DCA+15, Em13, FSV14, FSV17, GMMP12, GLW14, GKS15, GMS+13, HVW16, IHH16, JGM17, JdSJC+15, KP17, KKN13, KCP19, KC17, LR14, LKY13, LST+13, LPLFM+12, MB13, MRT18, NFHL13, PDP17, PDB13, RV13, RS19, Ren11, RMU14, ROB+18, RRS+08, Sch13, SS11, SCMH13, SDG17, SA08, Ski16, SDG08, TH11, TSD08, TRS+12, TYA16, VBDRC13, V LW18, WLL16, WD13].
WH17, XLH18, YLL17, ZMCP11, ZHH15, ZWQ+16, dSAJ15, dMS18.

**GPU-accelerated** [DCA+15, Eme13]. **GPU-based** [BCM15, BDRB14, BFKW13, DBA+18, GMMP12, KCP19, PDP17, Ski16].

**GPU-Investigations** [Sch13]. **GPU-sorting** [SA08]. **GPUDirect** [ARP18].

**GPUs** [ASES15, AVAH18, BBBC12, BBR13, BCK+13, DBA+18, GMMP12, KCP19, PDP17, Ski16, SW91, ZMCP11, Eme13]. **Graceful** [AA14].

**Gracefully** [BBR94, CGA98, LH92, RCB93]. **Gradient** [ADDP19]. **Graduate** [APV18].

**GrADSolve** [VD04]. **Gradual** [ADDP19]. **graduate** [APV18]. **Gradual** [ADDP19].

**Graph** [AY93, CGM01, CHGM01, GPJ96, HJ90c, Kar95, KK98b, KP98, KA99, Lat95, MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TV97, TLW94, WCE97, ZW00, AK19, BKC+15, BDCQ86, BCK+13, BO08, CM03, CSJ+13, DeG88, DCA+15, FML+19, GHC+17, HLM+90, KSSG14, LK15, MPZ09, MMS09, NTTX1K, PK07, PS14, RGAN18, Ros89, SSSC15, SW91, SGR03, SMIT15, WCC02, WCH+17, YFBY17, ZCS+18, ZGQ93].

**Graph-Based** [CHGM01]. **graph-partitioning** [GHC+17, SW91]. **graphene** [KRM14].

**graphene-CMOS** [KRM14]. **graphic** [SKH15]. **Graphical** [CMT93].

**Graphics** [BHS13, DDGK13, ATDH13, BK13, CLA+18, CBM+08, KL08b, KME09, PYP+10, SCB08, SIY14, ZMCP11, Eme13, GLGLBG12, YL12, YJL16].

**Graphs** [ANS97, AKPT99, AS96, AKP95, BS97, BP98, CP98, CA95a, CDF01, DDD98, DS84, DH94, EMM94, FA95, GY92, GS98, GSG+93, GS99, HOS94, IZ95, JR95, JSS92, KK98a, KW02, KA97, OS97, PRW94, Par98, RDL95, TL96, VB96, WIK97, WLD00, AAK+13, ANP07, BC06, BKS05, BD05, BCF14, BKC+17, CP04a, CDDL10, CDS10, DM17, FTO4, GK10, Hsi04, HS03, JPD17, Lin03, Lo92, LKB+15, MHPR05, MSZ05, NCA+12, Nk04, PD05, PK04b, SS03, STMZ18, SP90, TBG+17, Ten16, TSFZ14, WW17a].

**Grasping** [KR17]. **Gray** [BVB02, HMM94, HRJ94, JH94]. **Gray-Scale** [HMM94]. **Gray-to-binary** [HRJ94]. **Great** [KF90b]. **Greater** [Ebe94].

**Greedy** [KN06, BGM+08, HDJ08, KHW13, LLS07, STMZ18, Cho90, dOBG+15].

**Green** [DAPR18, AG12, BFH+17, WCL+13]. **Greex** [BK13]. **Grey** [FGL+11]. **Grid** [AKPT99, BR02, BAK+03, Hua17, MD13, SDG08, TF01, AAI17, CP10b, CCEB03, CGW+03, EF07, FGZ03, JdsJ+15, KRK11, KV10, LBE03, LFH+03, LL12a, LWC17, LB09, MC03, PF04, SMI01, SZL10, TLQ12, VD04, WH17, ZVO9b, dKG+10, AOS+05, ABCM07, BAS06, BSR93].
grid-aware [FGZ03]. Grid-Based [BR02, CP10b, VD04, KKS08, GA08, LLL08]. Grid-computing [BAK+03, SAOKZ05a, SAOKZ05b]. Grid-enabled [KTF03]. GridBench [TD07]. gridding [GOH+13]. gridding-accelerated [GOH+13]. Grids [CCM96, Hkm98, HOS94, ACFK07, ARDQ18, BMT12, DJH11, GVBB13, GRDB05, GM14b, JV09, LKS14, LL10, Mit07, PHS04, SMO14, YZS15, AAD10, ABM07, GTN+06, GA08, Ngu06, SNCP12, TZ06, VB08, WW03, WLL08]. grooming [FMM+08, WG08, WC13]. Grostl [ABO+17]. ground [BFKP04]. Group [CWZ+18, KKL14, LC14b, LI07, dAM0d13, MM07c, TC13, X005]. Group-based [CWZ+18, KKL14, TC13]. group-shared [LHT08]. Grouping [CWP98]. Groups [Oru87, WLD00, ARDQ18, CHC05, GCS06, LKM12, MS05, Ros89, WLZ+18]. Growing [CRFS94, WLR90, IZ12, MGG03, OGRV+12]. growth [WCKD06]. GSM [TM06]. GSPN [Ccm92, Ccm01, SM92b]. guarantee [JM14, MZC12]. guaranteed [HWW08, LNA12, LNL17, NGQ12, PY09a, WCW017]. Guaranteeing [Sch91]. Guarantees [MS00, OY00, ESCV15]. Guessing [DKY01]. Guest [WW03, AP93, AL99, AN02, AN02, AN02, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95, Her92, JW94, Kr94, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, P96, Sch90, SH2a, Sto90, TFV+15, BG90b, TY95, WC05]. Guidelines [Ano00d, Ros99].

h [CP04a]. HA0304 [Ano04t]. Hadoop [FRM15, GYY+14, HWL18, HWL14, MNR+19, YLB+15]. Half [RS94]. Half-Duplex [RS94]. Hamiltonian [DP98, Hsi04, HBAD15, LSC00, LLFJ18, Nik04, Wan01a, WCC02, YTH07]. Hamiltonicity [HTHH02, Ste17]. handheld [WL04]. handle [RK18]. Handling [BW09, CV09, SYG92, KVA18, KV10, LNW+12]. Handoff [SK05a, FCZ+12, ZBR11]. Happened [HCR12]. Happened-Before [HCR12]. happy [KSSK16]. Hard [DJ98, GFPC14, BR01]. Hardware [BK18, CRB19, DGNW13, GS00, MD01, MCAS12, RPS93, SCC+06, SHA17, TF92, The02, TH08, VH93, Zsa16, ABC+09a, AF06, ABO+17, BDM18, BJS03, CV16, CGC16, CP17, CM12, EAB+19, FWM+10, GKS15, GVA+08, HD10, Hua17, JJ12, KDO+13, KC17, LMSK18, MTM10, Nik03, NAK04, PAG09, PAG+18, QGZ17, QGZ19, SV18]. Hardware-accelerated [DGNW13, Zsa16]. Hardware-Efficient [MD01]. hardware-entangled [EAB+19]. hardware-generated [MTM10]. Hardware-Only [GS00]. hardware-software [Cv16]. Hardware/software [SCC+06]. hardwares
Hardwired [DM88]. Harmony [ES12]. HARNESS [MSS00]. Harnessing [MTL+18b, VPHML06]. HARP [SSB98]. Harvest [WS06]. harvesting [RB12]. Hash [LACJ18, SX08, TT10, ABO+17, HKW05, SRT+18, TC04]. Hash-based [SX08]. hashed [HSM91]. Hashing [WPKK94, YB95, BMLLC+19, HDCM11]. Haste [JJXZ+19], having [BSMH08]. Hawkeye [ZFS07]. Hazards [AGG98]. HBS [CK13]. HCL [Pfe90]. HD [GB11]. HDL [DSEP17]. Head [ESGQ+11]. Head-of-Line [ESGQ+11]. Health [ZHA17]. Healthcare [AMU+19, SMW18, UDD19, VS18]. Heap [DP98, ZK94]. Heat [LGG08]. Height [LP96a]. Height-Limited [LP96a]. Helary [Ano96l]. Help [IR12]. Helper [DKR109]. Helping [ACH18]. Herd [KS18]. Hereditary [CDF01, HS04]. Heterogeneity [Ls12, Ls13, XLL15, BKS05, CL03b, KWZ19, LpJ+18, XQ07]. Heterogeneity-driven [XLL15]. Heterogeneous [ANT02, Ano97k, BSS97, BPR99, BSB+01, CP97, CA94, CEF+95, DAY02, DBP94, EKS17, HS94b, HC97, KL0a, KRM14, LAS+97, LHHB+01, MAS+99, MSd+95, MP96, NRS95, NDZ99, PP92, SC91b, WR97, WSRM97, WMC+18, Won99, YZS96, ALM+16, AAD10, Amm16, ALF03, BKC+15, BD05, BCFF05, BR08, BRP03, BKCM17, BEN12, BH05, BSMH08, BSS+13, CSW08, CCK+08, CCK11, CDR09b, CGW+03, CI17, DK08, DK11, DÖ06, FMR05, GQZ18, GNT04, GZY14a, GWL94, GMXA07, GAOGH17, HLL+19, Hus17, JST12, KH117, KUA07, KylPC17, KSG13, KSS+07, KAS07, KN18a, KN18b, KMS+06, LK13, LWC+18, LR06, LLL06, LLK13, LGRV19, LMR05, LL12b, LDP+14, LLY15, LNL17, LLLC19, LPX05b, LV15, LFGM17, LLS07, LXZ13, MGSG12, MBV05, MTS90, NDP13, NFHL13, ND12, NP09, OPR18, OJP+18, PKN08, PKN10, PP13, PSH+19]. heterogeneous [PTA08, Pla08, QJ05, QGL+09, REK10a, REK10b, RGAN18, RN04, SSF11, SSM+16, SLV19, SS11, SX08, SCS+08, SCMS12, SZMK13, SHL+13, SSM+06, SPPA19, TLL10, TLM10, TFMS15, TG03, UAK106, VIW18, VBF13, WQL14, WTW16, WSG91, WJ12, WGI11, WYTX13, WJ14, XLHT13, XLPL19, YLL17, YH07, ZMG+16, ZTFK16, ZLW18, ZGW+19, ZSCX18, ZHLQ12, VAF19, VBF13, VFA17]. HeteroMPI [LR06]. Heuristic [BA92, DDD98, EHMM95, KL297, XH93, DK11, HS06, KJD03, KKS+12, PKN10, PM05, SWP90, VB08, YFBY17]. heuristic-genetic [DK11]. Heuristics [BSB+01, GY92, GJP96, IAS+02, KUA07, TSC01, AKSM08, JST12, KA08, LLS07, ZHO03]. heuristics-based [KA08]. HEVC [LL17]. Hexagonal [GSSS03]. HHN [YP96]. HiCOO [YQTV12]. Hidden [HB11]. Hiding [HF02, WL92]. Hierarchical [AGF94, Buc92, BM95, CAB94, FR96a, HR92b, HR92a, yHY97, KZ96, LLJ00a, MS00, MD13, OM90, SHT+95, TM06, TJ92, Tan84, TW89, TTH12, VSI91, WHT00, YQT12, YP96, AAH17, AGMS04, BJS18, BMT12, BAS06, CK004, DE91, DR19, DM04, EDH+17, GHY10, IZ12, LK13, LTL06, RH05, RR05, SS05, TLQS12, WCWO17, WLL08, ZZ90, dSS11].
Hierarchical-Memory [VSIR91]. Hierarchies [VN93, BW89, DTK11b].
hierarchy [Ale19b, Pad91, WYTX13]. High
[ABDS02, BJ99, BBH +97, BYG +18, BNSP99, CLA +18, CY99, CD98, DS02, DYL +12, DB18, FGKT07, FC14, FM99b, GP93, HES10, JSCB95, JLRA97, KMKD97, KS95, KRS13, KRS14, KRS01, LC97, LS01, MR94b, MBC +17, Nec17, NKC +97, NTC03, PF08, PIVG09, PBB +17, SWHB17, TF92, TMM06, TPJ +19, VFAD17, XMDMD17, AM13, ARI17, AB03b, AGWY11, BSW07, BAT +19, BDDL09, CCC +04, CBP02, CVK +18b, CTCX08, Cuz11, Cuz13, DK08, DB08, DKK +18, DF12, DAB +14, DMS +16, FHL +15, FGP05, Fu10, GOH +13, GTN +06, GMSS +11, HOE +09, HRG +11, HCZ04, HTO90, HVW16, ICQO +12, JBY +05, KV17, KSB11, KME09, LWC +18, LMSK18, LWR +03, LSXX14, LJZ +19, LB18, LV07, MSGS +13, MZC18, MG09, MLK2, Nap90, No12, NRM +09, PK07, PGKV18, SPRG +12, SD91, SC04, SAB +92, SA11, SR91, SGDSS13, TYD +19]. high
[VAS +13, WRW13, ZW13, ZWQ +16, dAT17, MMVL11]. High-Availability
[LS01, Fu10]. high-dimensional
[HT90, PK07, WRW13]. high-end
[FGP05]. High-Level
[BBH +97, KRS13, KRS14, BYG +18, CCC +04, DMS +16, SGDSS13]. high-order [KME09]. High-Performance
[BNSP99, CY99, FGKT97, JLRA97, KMKD97, KRS13, KRS14, KRS01, PBB +17, TPJ +19, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL +15, GMSS +11, HRG +11, HCZ04, ICQO +12, JBY +05, LWR +03, LSXX14, LJZ +19, LB18, LV07, MSGS +13, NRM +09, PGKV18, SD91, SC04, ZW13, ZWQ +16]. High-Priority [TF92]. high-radix [MG09, VAS +13]. high-resolution
[GOH +13]. High-Speed
[BBH +97, SR91]. High-Temperature [SWHB17]. High-Throughput [FM99b, CLA +18, BSW07, HVW16]. Higher
[GSSS03, HS17, AM06]. Highly
[BDHF90, CAB94, DF17, Joh94, KHT +14, MD01, NKC +97, VH93, WIKC97, AFA13, ATH91, GVS6, SM08b, SMT15, Ter16]. Hint [CK13]. Hint-based
[Ano01c, BDF01, GS01b, LAZC00, Pat01, RBP +11, TM10, AP03, AH11, AH12, ALF03, BFG +03, BM11, BGLA03, BOP06, BN03, Bot03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB +03, DB08, EBE08, FCW11, FVCL05, FGL +11, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, JLWX11, KK06, Kim11, KSK15, KNS06, LR03a, LPX05a, LW06a, LHW14, LC14b, LR03b, LHT08, NMN +14, OSL05, OM10, OMSGNS05, SNC12, SSM +06, SGS08, SKMM04, SJ11, TC13, VA03, WTB +08, WGS08, WBTM09, WHS +18, XHG03, XWC +08, XG03, YC04, YSS11, YYW12, ZMC06]. HOG
[RBG17]. hole [LZC11, PSC +16, SGAC14, YDZ +18, dOBG +15]. holistic
[WL10, ZHH15]. home [HRM17]. Homogeneous
[LS97, BM17a, CRJ10a, GHS86, OOSVG +16, SCJ +08]. homology
[DKKV15]. homonymous [AAI+15]. honeycomb [BPRS04]. honeyfarm [JXW06]. Honeyypot [KMMZ06]. hop
[BSW07, FCW11, FCZ+12, JLWX11, JM14, KHK18, MAM05, MPV12, NC09, RFS+12, RB12, YMG01, ZMG+16, CSW+17]. Horizons [BP95]. host
[BA95, CP91, Fer93, GZ97, JS94, SSL04]. Householder [BDG+15]. HPC
[APV18, CVK+18b, ECLV12, GYAB11, NKSA17, NC13, PCLP16, uRL+18, RBA+18, RMRH17, RÖE+18, SCB09, W MES12, YFS+15]. HPF
[BCF+94, CA96, HLJ01, KHS96, SS00]. HTM [PB91]. Hull [DFRCU99]. hulls [GS03a]. human [CWZ+18, WDS+18]. Hungarian [LYP19]. hunt
[MP15]. Hut [SHT+95]. HW [RBG17]. HW/SW [RBG17]. Hybrid
[BJL18, DBA+18, Dah99, DR18, FA07, Gao93, LWCG14, NBM93, OS93, PA15, VD18, YS11, ZLH+18, ALM+16, AC89, BAMM05, CCQ+06, CB15, CJ17, DK11, FX06, GLC14, HZL18, HGX+19, JAB12, KS18, KSJC17, LY13, LH+18, MBS+12, No12, PARB14, SCS+08, SLN09, SSL04, SA08, TY17, WLL16, WHW+17, YLF17, ZFT+18, MML+17]. Hydrodynamic [HC97]. Hydrodynamics [PAH+98, VBDR13]. Hyperbolic [SSK96, SHRM19]. hyperconcentrator [CL90]. hypercontexts [LM05]. Hypercube [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH90, DRC90, DFN+94, FAM96, FPD93, GGD93, GT97, GB93, HGCC96, IK93, IK94, JR92, JB98, KB96b, KM91, Lan94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, MYD95, NSL99, NT93, Nas94, OM90, RS94, Raj96, SY94, SCC92, SY01, Sto90, TLM94, TL96, TC92, WIK97, Wag93, Wag94, XMN92, YP96, Zia92, Cap87, CCS08, CS10, DE91, Efe91, EAL90, ERS90, Joh87, KAP90, LEN90, LSS88, LS91, MVM04, MAR87, RS90a, RS90b, RIZ90, SW90, TMK+17, TS91, Wag89, Yan04, ZLRP91, YN92]. Hypercube-Based [Zia92, DE91]. Hypercube-Connected [LH92]. Hypercubes
[AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, Fag92, FM96, Fra92, GP00, GH93, HM01, HOS94, Kar93, KF95b, Li92, LBT94, LW95, LT96, Moh97, OD95a, OP96, Pe95, PM92, RS96a, RJMC95, SLL95, SR95, TT98, WW97, Wun01a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS+91, BL89, CL91a, CL91b, Che05, Ede91, FT04, GT04, GNW03, HNSA07, Ho91, HRJ94, LW90, Lai14, Lai17, SS89, Var91, WIB12, Wu85, Wun03, XCS06]. Hypergraph [DKU+15, ACU08, CBD+09, DHK04, KJD03, TK08]. hypergraphs [STA12]. Hypermeshes [OK01, Szy95]. Hyperoctrees
[DFN+94]. Hyperplane [HS93]. Hyperreconfigurable [LM05]. hyperspectral [PVPM06, Pla08]. Hypersphere [AM93]. Hyperspherical [RLP14]. Hyperstar [AAD98]. hypertree [LTD+93]. I-Caching [MM93]. I/O [AW95, CKLCK04, CkLCK05, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, EH01a, GGD93, GFPC14, HZZ+19, JSCB95,
I/O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ+19]. IaaS [LQM+12, NC13, NKK16]. IBM [ASH+01, BAHP01, BR95b]. IC [CMR10]. IC-scheduling [CMR10]. IceCube [AAA+15]. IceProd [AAA+15]. ICS [HMY+18]. ICT [CTS17]. Id [HCAA93]. ideas [Sch14]. Identification [CS95b, EBE08, FCC07, GSASA19, MMN+18, SRB+19, ZAAB17].
SAL10, SK11, YF09, MMCL+17. **IMSuite** [GN15]. **In-Memory**
[SLL18, LLB+18, LHZ+18, VETT18, ZKZF18]. **in-network** [BCO+12, JF12].
**in-order** [KMF+05]. **incentive** [CG12, YAA10, ZCMY12]. **incentive-based**
[CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete**
[OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. **Incompletely** [BGSM90].
**inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WTY+18].
**in-order** [KMF+05]. **incentive** [CG12, YAA10]. **incentive-based**
[CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete**
[OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. **Incompletely** [BGSM90].
**inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WTY+18].
**in-order** [KMF+05]. **incentive** [CG12, YAA10]. **incentive-based**
[CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete**
[OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. **Incompletely** [BGSM90].
**inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WTY+18].
**in-order** [KMF+05]. **incentive** [CG12, YAA10]. **incentive-based**
[CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete**
[OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. **Incompletely** [BGSM90].
**inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WTY+18].
Instruction [AG98, LPU97, Gro85, NHX+19, PYP+10, Sch89b].

Instruction-systolic [PYP+10]. Instructions [dSR00, Sol13].

Instrumentation [GP91], instruments [CKK+13]. Integer [DL98, Fag92, SS96, KKVI05, VM95]. InteGrade [dKG+10]. Integral [Ten90]. Integrated [BDHF90, DAYA02, OY90, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, LMXJ18, SKMM04, WCL+13, XYDL06, XHY07, YWG15]. Integrating [Bir94, DT11, DRST02, FKT96, Lu01, OK02, PY96, KKKP12, YT05].

Integration [ISZBM99, KL84, LY01, YJKD10, Ano04d, HMV07, Kums17, YK04, ZMZJ17].

integrity [BCO+12, LZSL06]. Intel [CHLL18, FP09, LTG14, SMKL03, Zha11]. Intelligence [MT85, KAA+19, LDPC+19, ZGJ+18]. intelligence-based [ZGJ+18].

Intelligent [IAS+92, KSP+92, SH98, ZL93, CDJ+89, KBC19, KDS18, PLSM18, She09, WJD91, YXW+18]. Intel [KVNV17]. Intended [CTC11].

Intensive [ABM+92, BS09, BS11, CA95a, EH01a, SW09, CKL04, CKL05, DF17, HZ+19, HWLR14, KAS07, MLK+16, RBN11, Ren11, SC04, VB08, WZZ+17, WG1, ZMCP11]. Inter [KCPS18, FKB08, GZG+17, Kan05, RS19]. inter-core [GZG+17].

inter-node [FKB08, RS19]. inter-procedural [Kan05]. Inter-Thread [KCPS18]. Interaction [CCM92, DH95, LLCC02, HWLR14, YJL16].

interaction-intensive [HWLR14]. interactions [CK08, PARB14].

Interactive [LHM95, RGS00, CTS17, HSS17, MAR05, TSD08, TD07].

Interactive-Rate [RGS00]. Interconnect [HP97a, WLY01, AHA+16, MG09, UM17]. Interconnected [DH95, EH01b, Guo94, KM97, QMC194, GMH+91, McA89, SGAC14, TR10].

Interconnection [AAD98, AA95, BETD94, CW01, CJA09, DVZ96, FD86, KRSZ02, KAM94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, OMS8, OOS85, Pad93, PL93, SW06, SZB92, SYZ95, TH02, Txz91, VB96, Wann6, Wan01b, Wi92, YWP00, ZMPE00, ZW00, dBL95, AR17, BM14, BDQ86, BHR91, BR91a, Bhu87, BJ15, BR91b, CM04, CK004, CS06b, DE91, FJC04, GJ12, Har91, JBM91, KMC16, KRL87, LK90, LKY13, MBH86, NE+19, Pak89, Par05, PW16, PW17, PMCC18, SSB91, SL98, SH98, WCC02, Wil90, ZDC06].

Interconnections [LLJ90b, SL97, TNN+93, Oza04, YB90].

Interconnectivity [DSD+97]. Interconnects [ES97, HP00, MM97, MG93, PEC95]. interdependent [SNCP12].

Interdisciplinary [NKSA17, CCE+17, Hua17]. interest [Ano16l, REZ17, CT11]. Interest-Intended [CTC11]. Interface [BAHP01, BF97, BDH+97, CD08, IWM97, PS01, RS92c, JM15, NSDZ18, KTF03]. interfaces [NGQM12]. interference [BPRS04, GZG+17, KDH08, WHS+18]. interference-aware [KDH08].

interleaved [NC09]. interlock [CCK88]. intermediate [YLY11].

Intermittent [DT02]. Internal [Bal90, JZK04]. International
Internet-based [She09, XO05]. Internet [Bar05, BJ18, CXQ\textsuperscript{+}18, CMPS18, DAPR18, ECP\textsuperscript{+}18, HMY\textsuperscript{+}18, KA08, LAS\textsuperscript{+}19, LJQ\textsuperscript{+}19, MS19, MXSL12, MZZC12, PJ18, She09, TB90, WHC\textsuperscript{+}18, WLID02, WCC18, XO05, YWJ\textsuperscript{+}18]. Internet-based [She09, XO05]. Internet-based [She09, XO05].

Interoperability [AZW13]. Interplay [ZXGD18]. Interpolation [CWW\textsuperscript{+}95, Goe94, SAOKMA02, Nic07, PHS04, Sch89b, SDG08].

Interpretation [FAGW95]. Interpretive [PH00]. Interprocedural [HHKT96, CK98]. Interrupting [AST12]. Intersecting [FSV17]. Interval [CI03, PT01, Sch87, BBCQ13, MHLZ16, Sta04]. Interworking [WH08].

Interpretation [FAGW95]. Interpretive [PH00]. Interprocedural [HHKT96, CK98]. Interrupting [AST12]. Intersecting [FSV17]. Interval [CI03, PT01, Sch87, BBCQ13, MHLZ16, Sta04]. Interworking [WH08].

intra [GM13, Kan05]. intra-node [GM13]. intra-procedural [Kan05].

intra-chip [MCM\textsuperscript{+}11]. Intrinsic [PAS15].

introducing [CCE\textsuperscript{+}17, Ada17, BLZ\textsuperscript{+}18]. Introduction [AP93, AL99, AB03b, Ano01j, Ano01k, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, Gau06, GC95, Her92, KRS14, Lin93b, LK11, LR05, MC93, MGS\textsuperscript{+}06, MKN14, NT90, OW01, PN97a, PN97b, PA96, PVS14, Sch90, SH92a, Sto90, BG90b, TY95, IB04, TFV\textsuperscript{+}15, WW03, WC05].

introductory [Bog17]. intruder [ISAZ07].

invalidation [OFS03]. invention [MC03]. inventory [GAOHG17].

inverse [CTZ99, Lla17]. Inversion [SW96, mYyF92]. inverted [WJ12]. Investigating [LCB16]. investigation [CD95, GKS15, PHW\textsuperscript{+}13]. Investigations [Sch13]. Invited [Ano01m].

invocation [BBB\textsuperscript{+}06]. invocations [BVGV14].

IoT [Ale19b, DBW\textsuperscript{+}18, GRZ\textsuperscript{+}18, HRH18, LAS\textsuperscript{+}19, LWWQ18, MA19, PH18, SCW\textsuperscript{+}18, SLZ\textsuperscript{+}19, TODQ18, VS18, YXW\textsuperscript{+}18, ZGJ\textsuperscript{+}18, ZXMR18].

IoT-based [YXW\textsuperscript{+}18, ZGJ\textsuperscript{+}18]. IoT-CANE [LAS\textsuperscript{+}19]. IoT-enabled [SLZ\textsuperscript{+}19]. IoTDeM [LWWQ18]. IOV [DYL\textsuperscript{+}12, GRJ\textsuperscript{+}15].

IP [HZY04, HC09, JP09, JBY\textsuperscript{+}05, KERUM04, LAZC00]. IP-Based [LAZC00, JBY\textsuperscript{+}05]. iPACS [KCR14]. IPDPS [OY13, Ben15, Mue13, Pan09, Phi13, Rob09]. iPSC [DHR96, FPD93, SMKL93]. iPSC/2 [FPD93, SMKL93]. iPSC/860 [DHR96]. IPv6 [WZ13]. IRISGrid [VPHML06].

Irregular [Ano96i, DUSH94, FTM\textsuperscript{+}14, FR98, FBK98, FY97, KK98a, LWP02, MRRV98, Nic94, NnPCC02, PGRP17, RWK95, TFV\textsuperscript{+}15, WP02, AM13, CB06, FCP\textsuperscript{+}15, GRR\textsuperscript{+}05, LWCC15, MSZ10a, MSZ10b, PCMM\textsuperscript{+}17, PA15, SPBR91, TP18, ZSW14]. Irregularly [MM98]. ISA [KNHH18, SSFP11, SPC\textsuperscript{+}17, SM08b]. Island [CGKK97, GB06]. Island-Based [CGKK97]. islands [dGP06]. islands-based [dGP06]. ISO [KF95a]. Iso-rectangles [KF95a]. ISODATA [DSAUM99]. Isomorphism [GS99, KW02, Pla13]. isosurface [WJV07, ZB09].

Issue [AP93, AL99, AS13, Ano95i, Ano96i, Ano97j, Ano99g, Ano01e, Ano02v, BD00, BS09, Chi92, CDJL09, CDJL11, DOP98, Dek00, DT92, ES97, FTM\textsuperscript{+}14, FR98, GC95, GMSS\textsuperscript{+}11, GS01a, Gra09, JW94, KRS13, KRS14, KRS01, Lan09, Lin93b, LK10, Mir91, MKN12, NT90, Ola01, PN97a, PN97b, PA96, QGB\textsuperscript{+}17, Sch90, SLL18, SH92a, SB97, Sto90, SFC17, TFV\textsuperscript{+}15,
TFV19, BG90b, TY95, Wee01, XMMD17, YW91, ZO97, AB03b, BOP06, BS11, Cuz11, DF12, DB18, FPS11, FPS12, Gra10a, Irw88, IB04, KLO8a, KL08b, LZ11, Las12, LK11, MSGS+13, MKN14, PRS14, RLA+16, RLA+17, Raj08, SXZ06, TH11, WW03, XJS03, dVCP06. Issues [Ano95j, Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-30, Ano01-31, Ano02q, Ano02r, Ano02s, Ano02t, DVW94, MFS93, NCRK19, Nie94, PS01, TB90]. Item [AAP01, San99]. items [LT10, ST14]. Itemsets [BMLLC+19]. iterated [KHW13]. Iteration [BW96, CC87, RS92a, YBX+13]. Iteration-level [CC87]. Iterations [AR97, CASD18, YS11]. Iterative [Bah90, BSS99, CTD99, CHR94, CG10, ESMG96, IPK85, LPX05b, ¨UD96, WB96, BDRB14, CF88, CRC+02, FGG08, KMS+06, NVK+11, VGAB08]. iterator [Lon04]. iTPS [TDC05].


knapsack-based [WYW15]. Knapsack-like [FR96b]. KNEM [GM13]. Knowledge
[CHGM01, DL99, EHS94, KKS+12, LAS+19, MS15, SLG+18, YL12].
knowledge-based [YL12]. Kohonen [VM95]. Kokkos [ETS14]. krill

L [Ano00d, CS93b, CP04a, CRJ10a]. L [KK11, Zha11]. L2-prefetch-caused [Zha11]. lab [FSP18]. Labeled [FM96]. Labeling

large-size [CVJ09]. Large-eddy [SM04].

Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, WRC+02, WBRT13, XMD17, AM13, BMB+08, BKC+15, BA06, BMF05,
CC16, CS06a, CLO17, CT17, CV09, DV13, DB11, DBCF13, DHK04,
DLW+12, HRC09, KES07, KSSL16, KSJC17, KBC+10, LGZ+10, LYL8,
LY11, Lon04, Luc18, LWC14, YM10, MBMC19, MYP17, NAB+11,
PP13, PB19, PDB13, PK07, PLK+18, RW02, SS17, SMT15, VM03,
WCWO17, XHY07, YH07, Y011, ZV09a, ZVL11]. large/irregular [AM13]. Larger [Mah95]. largest [Dek90].

LARPBS [dR09]. Last [Tay02, DMI+19, FABG+19, RFPAG08, SS17].

last-level [DMI+19, RFPAG08]. Latency
[GS00, HF02, KUF02, LDZ+14, MR94c, MG91, RJY96, THG15, ZHY94,
AS18, CR12, CM12, DAV17, IS06, MS03, MS19, NCB+17, PRB06, RM11,
SLK12, SFH19, SLZ+19, TVT+17, WLI2]. latency-tail-tolerance
[SLZ+19]. latency-tolerant [NCB+17]. Latency-Tolerating [GS00].

lattice [AVAH18, GMS06, IBP08, WCO+09, WZY+19]. law
[NZ17, SC10, CN14]. Laws [FLS+97, SHR19]. Layer
[BNSP99, DDO+18, KNS06, PKW+10, WCL+13, YYWZ19, dAMCFN12].

Layered [DDD98, SSK96, CI03, LHF91, LL12a]. Layers [ZAW94]. Layout
[MB96a, KMC16, LGK+12, MLG05, Str12]. Lazy [GSC96, MYD95, DS04b].

LDA [BOK19]. LDU [MVV91]. LEACH [NSA11]. Leader
[AS96, SS05, DL11, DGDF10, Pel90]. Leaders [SK94]. leakage
leakage-aware [KK11]. Learning [BM11, CW92, MBG+17, TFW19, WT92, AC89, CXQ+18, EM11, HSS17, HKK+18, HHK15, KCFP18, LGZ+10, LHHH11, LCJ+18, MS86, MCZ14, NZA13, OPR18, PSGS17, RT18, RSCQ17, SM08b, TXLL14, TM10, Tor89, Upa13, VM95, WRW13, WLK+19, WDS+18, XRB12, ZGW+19].

learning-based [MCZ14, RSCQ17]. Learning-TCP [BM11]. Leashing [DHS06].

least-mean-square [MCZ14, RSCQ17]. Least-Squares [CB95, HLS03, KAP90, ZYO02, BBd90, SMKL93, TBZB05, XBK07].


Libraries [KBC+01, ZRC99]. Library [BMCP98, CJ99b, DVW94, FKKC97, GLC01, HWW96, SKH96, HZH18, LR06, LGK+12, RR05, ZSW14, VAF19, VBF13, VFAD17]. Library-Based [FKKC97]. Life [HSJ87]. lifetime [HP06, LL12b, Li14, LZC11, VRM10].

lifting [IIH16]. lifting-based [IIH16]. Light [RGVB00, Koc91, PR12, Wan06, WZZ+17, ZFT+18]. light-trails [PR12].

Light-Weight [RGVB00, Wan06, WZZ+17, ZFT+18]. Lightweight [HS00, MS+13, CL09, KP17, Kim17, MP10]. like [CP10a, CTC11, FR96b, GL90]. Limit [MO97]. Limitations [BKS91, LS97].

Limited [yHY97, LP96a, LK98, BK05, DW04, SSGG18, VS16, WT+08, Zsa16]. Limiting [MSV19]. limits [DW04, dSS11]. Line [BDKM94, BMMS01, DGBN14, LTY96, RR95b, Yen01, BS92, DMF03, DJ98, EL88, GH89b, GC07, KM88, LHK03, SSL04, SL90, ESGQ+11].

line-sweep [DMF03]. Linear [Bah00, BBM+02, BM97, BCZ95, CDH84, CCC92, DVW94, IPK85, IK04, KL01a, KF95b, LP97, PM96, Pov99, RFM94, RS92b, ST89, TBPV00, ZC92, dR09, BGH+03, BAH04, BP05, Car90, CM03, CMR19, CEGS07, CP10b, DS04a, Dj06, FHL+15, GPT06a, GRV08, Gao86, GS91b, HR89, ICQO+12, Joh87, KKV05, KTV98, LMXJ18, LWXX19, LKD14, MP88, MP87, MV05, MRT18, NCTT09, TPMS15, Ter16, XYZW14, YTH07, Y¨O11, KCP19].

linearizability [KKW17]. Linearization [FZVT02]. Linearly
Lines [HKMU98, DJDK19, Wri91]. Link [GDP08, MLW+97, SJS11, VR94, VR95, WFL98, FCZ+12, LST17, MCAS12, MVP17, RH05, SW90, WTS03]. link-bound [SW90]. link-selection [RH05].

[BBd90, PB90]. Linpack [Num07, Num08]. LinuX [LACJ18, BP01, LAC18]. Liquid [SWHB17]. List [BBH+98, SP96, SGS99, TLLL10, FPFP14, Han89, LPX05b, Vis87, WLL16].

Lists [BP02, VSIR91, ST08b]. live [GRJ+15, HTB19, WMES12]. Load [Ano97j, BEE00, BM08, CS93a, CRL04, CLZ00, DHB02, DMB97, DLLX97, DSW94, Efe96, EE05, FMP98, FLS+97, FM99b, Gil94, GM96, HS97, HILL95, HTL99, HO94, HC97, JR92, JW89, KGV94, LKV94, LVV95, LT94, LL98, MDD97, MP96, NSL99, NFEG97, OB98, PB99, QY94, SBC12a, SH92a, SHT+95, SB97, SBAM96, TSH01, TT98, Wan96, WS97b, XY08, XL92, XII93, XL95, ZLP97, ZXP90, ZM94b, vs91, AES11, AGMS04, ACCP12, ASES15, BCV05, BFH09, BFMT+18, BRPR06, BD04, COWD03, CBD+09, CV09, Cho90, CRC+02, Cyb89, DB01, DLW+12, DW04, DM94, GRV08, GLC14, GC05, HJ90a, HLM+90, HLL+90, IC05, IS06, JL05, JL11, KHH18, KKS08, KC04, LT02, LTL06, LLL06, LHKL03, LY91, MLGD12, MPV12, MVV05, MTS90, Mit07, MG03, NHO+13, Nk03, PC11, PA04, PRN+19, RN04, SU87]. load [SB15, SX08, TBZ05, TKHG04, TLL+18, TVT+17, YJL16, YAA10, YMLP14, ZV06, ZSW14, ZLMC14, dG91]. load-adaptive [TKHG04]. Load-Balanced [LT94, NFEG97, XY08, YMLP14]. Load-Balancing [DHH02, FM99b, HO94, HC97, Wan96, SBC12a, ZXP90, NHO+13, YJL16]. load-sharing [SU87].

Loads [KC95, VB02, CG12, GRV08, HV13, KVA18, LML+10, MVV05, ZV06]. Local [AD02, BSS09, BCD00, CGL+95, CFLS+97, HR00, SR94, ADD17, AK07, BMARW07, CKN07, GJG88, GTGLSA12, GN18, LMJC11, MS88, MAR05, ROB+18, Sch13, WWW17a, XCS06].

local-spin [AK07]. localizations [GJZX05]. Locality [BS09a, CL96, FJG06, GXYZ13, JL11, KCRB99, KRC00, MNB95, SGM99, SHT+95, EHL+15, FFP06, Kan05, KR06, LC13, Ozt11, SZ07, SKK14, SRT+18, WLL08, XCS03].

locality-aware [EHL+15, SKK14, XCS03]. locality-cognizant [LK13]. Locality-sensitive [JLI1, SRT+18]. Localization [DFP06b, AKBD10, CCW14, CRXW12, DPLL11, LC16, MKM16, PD19, WDS+18].

localized [GaLo06, KNS06, LS03]. locally [AMK+07, LFZ+17, XHZ16].

locate [DWX10]. located [SBC12a]. Location [KER01, Li17, LS03, LAG07, MMRS98, XCLR07, ABF+14, BJL18, CB06, DDB+18, HCM11, KKH18, LDL15, OJP+18, TZ07, TSI11, TDC05, TR16, TKR+19, ZMC06, ZHO03, dOBG+15]. location-aided [ZMC06]. Location-based [LS03, ABF+14]. Location-centric [XCLR07]. location-free [dOBG+15]. Lock [DR98, SSD1B+10, ST08b, CB06, Dim91, HSY10, HA06, ST05, XO05].
Lock-free [SSdB+10, ST08b, CB06, HSY10, HA06, ST05]. Locking
[MS98, XO05, DM04, LZLX11]. lockless [HMBW07]. Locks
[JNW96, AFA13, CG10, UBES10]. Lockup [SD91]. Lockup-free [SD91].
Loe`ve [FSD04]. Log [NTA96, ZFT+18]. log-based [ZFT+18]. Logarithmic
[Nas94, OOW95, AF17]. Logarithmic-Time [Nas94]. logging
[CZZY09, DWG03, JLM08, MMCL+17, MMCL+17]. LogGP [AISS97].
Logic [AyJ93, CC91, CBdCD00, Mon94, NKV14, Tan84, DeG88, FPM+14,
LLY17, MV88, MC91, NAK04, SK90, WF89, XYZW14]. logic-oriented
[SK90]. Logical [AK93, YMG01, TPLY18]. LogP
[AISS97, BHPP05, RGD03]. Long
[AISS97, DM04, LZLX11]. long-distance [SD91]. long-range [TDC05]. Long-term
[SD99b, PK04b]. Look [PL93, SHL+13, TG04, HZL18]. Look-Ahead
[PL93, SHL+13, TG04]. Look-Up [HZL18]. Lookahead
[NIR86, SF05]. Looking
[LKD14]. lookup [JP09]. Loop
[AMB95, BCH95a, BCZ95, CG02, DR95, DS95b, Nie88, OK02, PB99,
QL+09]. look-carried [NCT+07]. Loop-Free
[CG02]. Looping
[Ano92a, KME92]. Loops
[CC90, CWW96, DRR96, HS93, KK95, KBG92, SCMB90, SG99, Xue97,
CC87, SGE91, ZLKK19]. Loosely [SKR93, AjHcC90, BMF05]. losses
[HZA+15]. lossless [CW15, PY09b]. lossy [GYP13]. Low
[AZ01, Ano92c, AEY12, CM12, Dav17, IKS87, JH92a, JNW96, JLR97,
KS00, MC17, MHG95, SD00, ABO+17, CBP02, CL09, FABG+19, GE85,
GXZ05, HZL18, KS03, KK11, KHK18, MGRRK14, NKV14, Pfe90, RM11,
S109, Sol13, SLW05, YGZ+10]. low-area [ABO+17]. low-complexity
[Sol13]. Low-contention
[AEY12]. Low Cost
[AZ01, Ano92c, JH92a, JLR97, CL09, GXZ05, YGZ+10]. Low-Density
[MC17]. low-latency [KS03]. Low-Level
[MHC95, IKS87, Pfe90]. low-memory
[CB06, SD00, ZS09]. Low-Overhead
[SD00, ZS09]. low-power
[KK11, MGRRK14]. low-rate
[KHK18]. low-resolution
[GE85]. Lower
[BMRC98, JR95, LPS+98, TC96, WW97, FT04, ITT04, Li19, NDP13].
Lower-Dimensional
[TC96]. Lowest
[MKZ13]. LPAR
[BK95]. LQ
[BBM+02]. LQR
[ZMZJ17]. LR
[CB96]. LSM
[SLH19]. LSM-tree-based
[SLHS19]. LTI
[ADD12]. LTL
[BBBC12]. LUT
[OT86, She06]. LUT
[HZL18, WD18]. LUT-based
[WD18]. LXCloud
[LACJ18]. LXCloud-CR
[LACJ18]. LXCloudFT
[LACJ18]. Lyapunov
[MV94, QOvdG01].

M [Ano92a, GA18, FC95, LLS06, ZBF05]. M-TREE
[LLS06]. M-VIA
[ZBF05]. M2M
[TGK+17]. MAC
[CCHC09, GZY14b, LOS08, TLY12]. Machine
[BBG86, BDHF90, CA95b, LWG02, MB93, RSCQ17, SYO94,
SR97a, SR97b, TVS97, TKG+17, ZL93, ZLZ+19, AES11, BH86, CL14,
FMF18, HTB19, HS86, HPSM91, KHT+14, KS18, KNS91, KA89, KCFP18,
LCJ+18, Ros85, SM86, Upa13, WLK+19, WF89, ZG13, ZLCZ18, CM93,
CRFS94, CSGV93, EHS94, LAD+96, LST+13, LTD+93, Sab94, TKG+17].
Machines [BR96, BPN90, BCR96, CWP98, ERL90, Gup92, GKHS96, HK96, HB97, HLJ01, KR00, KHS96, KLS90, LWY97, MK92, PAM94, RS94, RWK95, RGS00, SSG93, SCMB90, San02, TSA97, YFS+15, Zak01, AE88, CG11, Fen90, FX06, Fu10, GA90, IKS87, KR10a, KR10b, Koc91, KP05, LC91a, Mar88, MAR87, RT18, SW90, Ume85, ZA91]. macroeconomic [BMB08]. macropipelines [WAS88]. magnetic [CCN06, LdPLC19].
Malicious [CDW19, HMY18]. Malleable [FZWL12]. malware [TY17]. manage [ASD09, PST19]. manageable [GRZ18, dAMFdS13]. Management [AS13, AS15, BR02, CKK00, CY99, HILLY95, HTL99, JM00, KER01, LZ02, LO96, RDS02, RSBN01, TJ92, WLID02, YD98, ZRC99, AM11, AK18, BVGV14, CKMP17, Fu10, FX10, GPT06a, GJG88, GBA08, HCM11, HMV07, HC09, HHS12, HSLL04, HHK15, JHF+17, KLJ+17, LC3+15, LC11, LAS+19, Ljq+19, LAGK07, MBS+12, MLMSMG12, MCP+18, NAB+11, NTC03, OJP+18, PY09b, PF04, RWB+13, RAN+17, SNMB16, SDTD04, SS08, SB12, SA19, SK05a, SLG+18, SL06, TZ07, TZ11, TB90, WYW15, WZZ+17, XRB12, ZMC06, ZV12, ZHO03, dKG10, SHSH17].
Manager [Gai87]. Managers [AB84]. Managing [AKBD10, FGKT97, SEP96, SS17, SLZ19]. MANET [YAA10]. MANETs [Hu11, YA11, ZA05]. Manipulation [PH91]. Manipulator [MS85, NS90]. Many [CHLL18, DDO+18, HP95, SR97b, AFA13, APRA18, AA16, AR17, BBBC12, CCK+13, FTM+19, JHF+17, Lai14, LWC+18, LG14, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, TCH12, ZLS17, dCPD19].
Many-Body [HP95]. Many-Core [DDO+18, CHLL18, AFA13, APRA18, AA16, AR17, BBBC12, CCK+13, FTM+19, JHF+17, KSG13, LWC+18, MBBD13, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, Trä09, TCH12]. many-cores [ZLS17].
Many-to-One [SR97b]. manycore [ETS14, FCP+15]. map [IZ12, IB04, CKML12]. Mapped [BF97]. Mapper [AM93]. Mapping [AGG98, BR08, BSB+01, BA92, CN93, CHR94, CW92, Dja04, GH89a, GW99, IAS+92, KBG92, LK90, LWY97, MM00, MAS+99, NB93, SH90, Ser97, SBAM96, TBC+17, XH91, ZZ90, BS87, BLMB13, CMG14, CDAN+14, DFS+13, DQR+09, FLL14, HA91, KSS+07, KMS+06, LW16a, LBS9, Lo92, LS07, MTL+18a, PMAL11, YWJ+18, YWG15, ZLKK19, ZWR07]. Mappings [BP02, DP00, IQH02, SR97a, SR97b, SSH00]. MapReduce [ALT13, AM17, BK13, BD11, CCA18, CLOL17, GYY+14, LYW+16, LWWQ18, NMS+18, NF16, Pla13, uRIL+18, SMT15, VETT18, WTWZ16, WD13]. MapReduce-based [VETT18, WD13]. maps [DP12]. MaRCo [ALT13]. Marginal [WLID02]. Marine [YWJ+18]. maritime [WWA+18]. Mark [An092c]. Marked [JSS92]. Marker [MG98]. Marker-Based
[AD95, ACD +93, AMN00, Ahn97, ADS98, AS91, BR96, Bas97, BS96a, BCLR96, BF97, Bit92, BCR96, CB91, CB95, CP91, CWP98, CA95b, CJ99b, DS95a, DY99, DA97, DUSH94, DP00, DH95, DM99, DT92, EP90, FY97, GAG +92, Gra90, Gup92, GKH96, GHS96, Haw97, HMR15, HPT02, HA92, HA05, HLJ01, IWM97, JF95, KRC00, KS97a, KHS96, Kel00, KC94, LWY97, LK98, Li01, LA93, MF94, MR94c, MS98, MG91, NSS97, OS98, PAM94, PA96, PB99, PL95, PY96, RL96, RSB96, RWK95, RJY96, RGS00, SL95, SLL18, Shu95, SS94a, Sds99, Sah96, SC91b, SB84, SN93, Tam18, T92, TTD95, TY95, VS91, VS16, VN93, WW96, WD94, Wi92, YW91, YMR93, YB01, YL98, Zak01, ZLH +18, AM13, AL04, ACHY18, BC06, BBM08, BJS03].

Memory [BBD18, BS92, BGM +08, BCF +94, CBP02, Car95, CC16, CGM14, CJA09, CPO +03, CK91, CDAN14, Cyb89, DFP06a, DT11, DI91, ETS14, Eij18, EKNS17, FZC +05, FJC04, FW +10, FLC14, GJG88, Gra10b, GL90, HDMC11, HGFF10, HMBW07, HZHS18, HHA14, Hus17, HC91, IHH16, IRRS16, ITT04, Joh91, KKR14, KLM14, KKLJ14, KMS10, KP05, LL90, LC91a, LLB +18, LHZ +18, Lop18, MTM10, MSV91, MSK +16, NHX +19, NST91, Nik03, No12, Pad91, PK05b, PL03a, Pop91, QGL +09, QGZP17, QGZP19, RS19, RFPAG08, RHH12, SCL14, SGG18, SYU07, SB15, SZ07, Sds10, SM04, TW89, TGPUC16, VETT18, WL92, YGZ +10, YLB90, ZKF18, ZPL12, ZFL89, HZL18, MP10]. Memory-Access [Bit92]. Memory-aware [HMR15]. memory-based [No12]. Memory-Bounded [SN93]. Memory-Electric [IWM97]. Memory-side [HA05]. memoryless [BKMT14]. mental [Eij18]. Merge [NT93, SM00]. Merging [VS91, Y90, DO89]. Mesh [AP94, Ann94, ADM +94, yCM98, CCC92, CWW +95, CLT96, CY96, CDP95, DR19, EL97, EH01b, FZV +02, Fer93, GPJA10, HH94, IM00, JP95, JS94, J98, KB01, LL06b, LME95, MD01, MP96, Moh96, Nak95, NSS99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, Zhu92, ZY002, ABC +09a, ABC +09b, BB85b, CL03a, Car90, CWL +07, DJDK19, Dja04, DAB +14, Efe91, FLL14, GDL +11, GH99b, GA16, GNZ18, HWWH08, HWC08, HR90, KKK11a, KHK18, KDH08, KT91, LZ98, L09a, L09b, Li06b, LC11, LWLD12, LOS08, LV07, LV88, MLG05, MB08, MRJ +19, NPGV10, PB90, Raj04, SI86, SSM89, SC91a, SSS10, SS94b, S203, VHH08, WCX11, WH08, WBR13, XYKA08, YSL08, FC14]. mesh-based [CL03a, LVBO7]. Mesh-Connected [Ann94, ADM +94, yCM98, CCC92, CWW +95, CY96, CDP95, Fer93, HH94, MD01, Zhu92, ZY002, BB85b, Car90, HR90, KR90, KT91, LV88, PB90, SI86, SSM89, SC91a]. mesh-NoC-based [FL14]. Mesh-of-Tree-based [DR19]. Mches [BLPV95, BPW96, BA97, BSDE96, BM97, BOS94, BOS +95, BG95, CW00, COS +95, CL96, DS01, FF08, HCWS94, HJC90c, LS95, LSC00, LS94, MT93a, NPI +96, NS94, OSD97, OS96b, OSZ98, OB98, RWY93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY +00, BG16, BM04a, CL03, CZZ +17, DV13, GLD06, KLC05, LWCC15, LXML12, Mat06, dMS18]. Meshing [YIY97]. Message [Ano94e, Ano95k, BB93, BKT95, BDH +97, CW92, CZZY09, CD98, DMSH90,
[BCF+94, CJ99b, FAGW95, GGW96, GP91, HPSM91, MSC96, OD95b, PK93, RS90a, Shu95, UR94, VSM96, Vel89, YBM13]. MIMDIX [MHF93]. MIMO [AD12, GZY14b, ZY12]. Min [DP98, CRV94, ZNQ93]. MIN-Based [ZNQ93, CRV94]. MIN-Graph [ZNQ93]. Min-Max-Pair [DP98]. mincut [ERS90]. mini [BCD+15]. mini-applications [BCD+15]. Minimal [DP98, CRV94, ZNQ93]. Min-Based [ZNQ93, CRV94]. MIN-Graph [ZNQ93]. Min-Max-Pair [DP98]. mincut [ERS90]. mini [BCD+15]. mini-applications [BCD+15]. Minimal [DP98, CRV94, ZNQ93]. Minimization [OKB95, THGY15, CPLY18, JZF+15, KR10a, Li17, Li19, LZX11, QSL+08, RTZ11, TFMS15, VA07, YWG15]. Minimize [Als01, SBAM96, KSG03]. Minimized [SCJ+08]. Minimizing [KER01, LZ05, LO96, XLPL19, ZWW17, FSAO7, TKX+13, WHS+18]. Minimum [CW00, DH94, Li92, RDL95, WW97, BC06, BPBR11, BBD18, BBL04, HS12, tH90, KO12, KSK15, LVP08, LY10, LMZ04, OMSGNSG05, SL89, WCWH03, YZLTO9, YWW12, YLLC11]. Minimum-spanning-tree [tH90]. Mining [GC01, HK01, KRS01, SMT15, Zak01, CTT08, Cuz11, Cuz13, GJA08, WD13, WZQ+13, BMLLC+19]. mirrored [BL05]. Miss [SDS99, CK13]. Misses [DS95]. mitigating [KMMZ06]. Mitigation [BK18, WCF14]. mix [Ahu90]. Mixed [CDY97, MRR+02, NDZA99, SV00, van96, BKS91, FCS91, Ka04, ZZJ+18, ZLWX18]. mixed-criticality [ZZJ+18]. Mixed-Mode [NDZA99, BKS91, FCS91]. Mixed-Technology [MRR+02]. MixHeter [ZLWX18]. Mixing [FHL+15, Li10]. MKCE [RW01]. MM [Won99]. MMR [CCQ+06]. Mobile [An00e, BD00, BN02, BST01, CS00, CCK+08, DKO1, DL01, GS01b, KER01, LAZC00, LC14b, MS00, Pat01, PRS97, SMR96, THGY15, TPS+18, WL02D, ZR00, AKBD10, AP03, AH12, Ana14, An04d, AK06, BWO+11, BN03, Buo03, CSWD03, CN503, CW05, CDC05, CWD11, DB08, DWX10, EBE08, EM11, FCM13, FCC07, FP17, GQ18, GRD05, GZMC08, HKW05, KER04, Kim11, LL19, Lan09, L211, LZYC09, LXP05a, LL10, LC11, LHW14, Li17, LLW07, LHT08, LW18, LS06, MS05, MXSL12, MSJ5, MKM16, NSA11, NMM+14, PVP18, PMHM19, RB12, RKK06, REZ17, SNCP12, SGAC14, SMO+18, SY04, SG08, SJS11, TZ07, TZ11, TM06, TFC3, TY17, TWQS12, VLW18, VA03, VRM10, WW18a, WZ0+19, WZI+19, XHHQ03, XG03, YK04, YC04, YCC05, YSS11, ZMC06, ZGW+19, ZHO03, HC09, RBP+11]. Mobile-Process-Based [SMR96]. Mobility [FCF00, GCB+00, KO12, BEN12, CTK11, FX06, HC09, LL19, LZX19, RKK06, RBP+11, SK05a]. Mobility-assisted [KO12]. mobility-aware [LL19]. modal [AM11, BWO+11, Kar19]. Mode [NDZA99, WSA+94, BKS91, FCS91, YZ11]. Model [AGW01, AIS97, AM17, An097k, BPGJ92, BA97, CC91, DL98, DKUC15, DG94, DF94, FTL92, Gao93, GS98, GDN+98, HK96, HR92b, HR92a, JRR99, KSP+92, KCV99, MRR98, MNB95, NDZA99, OKB95, QY94, SANY94, SAC+98, SS18, SSK96, WSA+94, YZS96, eW95, AAh17, ASKO16, AHZ11, AES15, BM+08, BBBC12, Bie90, BG05, CBD+09, CH06a, CKA13, CXX+18, CDJ+89, CRC+02, DZC17, DJH11, DKC14, DRT07, GJ12, GSPH19, HMY+18, IEWK17, JZLX11, Ka04, KyLPC17, KC17, LR14, LMGLGLG17, 63
Model-Based [KSP+92], Model-driven [SS18, ASES15, LGK+12].
Modeling [ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DDO+18, DI91, FMW+94, GHC+17, JZ05, JZK04, KNS91, LP96b, LPjJS+18, PLD14, Pat01, PMMA15, QS05, RP98, SCM99, SFT+13, SCK03, SS00, TK07, WPC19, AP91c, FX06, HES11, JWH+17, Joh91, KME09, KKK+11b, LWCC15, LC13, LF03, MCM+11, MSAZ11, NSA11, ORWT+18, RA11, SV08, UMM+18, YL12, YZW+15].
Modelling [Wu11, HNSA07, KME89, KKTZ13, RK18, SAOKM03, Sie16].
Models [AGW98, Ano96l, ABM+92, BDF92, Bir94, BSS99, BHRS95, CDY97, CDF01, Cuz11, Cuz13, GAG+92, MMC+90, LH96, SM92a, SSOB02, SM92b, ASA18, CkLCK04, CkLCK05, CJA09, DHK04, Eij18, FT+19, GLGLBG12, Har91, HK05, JKIE18, KVN17, MMAL+06, Nes10, PL96b, PLD14, Pat01, PMMA15, QS05, RP98, SCM99, SFT+13, SCK03, SS00, TK07, WPC19, AP91c, FX06, HES11, JWH+17, Joh91, KME09, KKK+11b, LWCC15, LC13, LF03, MCM+11, MSAZ11, NSA11, ORWT+18, RA11, SV08, UMM+18, YL12, YZW+15].
Modern [EFG+14, GS18, YFS+15].
Modifications [PM92].
Modified [WS97a, ZLRP91, GLW14].
modify [CH06a].
Modular [AM95, DD93, FC95, RAS96, BM17a, CBP02, Dja06, ZBW+17].
modularity [GK04, LK15].
Module [AM97b, EL91, MC91, ZFL89].
Modules [DP00].
modulo [YLB90].
Moldability [CB02].
moldable [SBC12b].
Molecular [ES96, NPY+97, SPVvH03, TSA97, FGM+03, LHWJ19, PARB14, PTK+13, WYTX13, XLHT13].
molecules [BOT13].
moment [RMU14].
moments [TRS+12, XLH18].
Monitoring [CSMML10, MMC+90, ST14, TG97, ZNQ93, ASKO16, ACPT15, BOKS19, CL14, CK08, FEH+14, KDSS18, LFS16, SB12, WZQ+13, YT05, YDZ+18, ZFS07, ZCW19].
monitors [TH08].
Monotone [HJDH01].
Monotonic [MAHKZ12].
Monte [Bro96, PAS15, ZS13].
MOOC [MBG+17].
morphological [SSL04].
Most [BS97, HHC98, TAS01].
mother [MC03].
motifs [RSL12].
Motion [CP92, RR95b, OPG08].
movement [AKBD10, KSB11].
movements [CKT11].
MP [CDH84].
PMP [AA95, CLV95].
PMP-2 [AA95].
PMP-Encoded [CLV95].
MPI [PS01, ATM01, BA06, BDH+97, CEGS07, DPS05, DPSD08, DMK19, FKL08, GM13, HcF05, KLY05, LC97, MBBD13, NBS+10, NCB+17, PARB14, TPLY18, WLN06, Zah12, diAMCFN12].
MPI-2 [DPS08].
MPI-CUDA [diAMCFN12].
MPI-FM [LC97].
MPICH [KTF03].
MPICH-G2 [KTF03].
MPP [DM00a].
MPSoC [FL14, LZLX11, OMT+17, XYYO11].
MPSoC-Bench [DMS+16].
MPSoCs [LW16a, MTL+18a, TBG+17].
MR [MF94, uRIL+18].
MR-1 [MF94].
MR-Advisor [uRIL+18].
MRI [GOH+13, SHT+08].
MSA [BFKW13].
MST [Fer95].
Mukesh [Ano96].
Multi [ACU08, BG86, BBH+17, BA95, FPF14, LK15, LWH+19, MM05, MCZ14, NB09, OMT+17, PKN10, PVRS17, SR88a, Ser97, SM00, VLL+14, WW96, Wi92, YMGO1, AHZ11, ADDB18, AGMJ06, AVA18, BSW07,
multi-unit [XL11]. multi-valued [Str12]. Multi-Version [WW96]. multi-year [Kum17]. multi-zone [AGMJ06, JV06]. multi/many [Trä09]. multi/many-core [Trä09]. multiagent [JL11]. Multibody [JBL02]. Multicast [AZ01, ABP92, CLZ02, GK98, LEN90, Lan94, LHBB+01, LME95, Mck94, RJMC95, RMC97, SY01, WB01, Yan00, CS08, CWD11, DG+17, GZMC08, GS03b, HL07, KDH08, LMZ08, MAGL13, MK08a, PY09a, RA11, SKMM04, WW12, XLG+06, YF07, YCH+10]. Multicasting [BETD94, FF98, Gon98, GS01b, LBT94, WE13, LSXX14, WCC02, XCS06]. Multichannel [BETD94, FF98, Gon98, GS01b, LBT94, WE13, LSXX14, WCC02, XCS06]. Multicomponent [RW01]. Multicomputer [AGF94, CSSY94, CW92, DY99, DFRCU99, GGD93, Lan94, LME95, LEB98, NLSK99, OK01, PHB96, RS92a, RSB96, SP96, SCC92, SB84, Swa98, TJ92, WN94, XH91, XMN92, YB01, GH98a, HSMB91, RS90a]. Multicore [AGF94, CSSY94, CW92, DY99, DFRCU99, GGD93, Lan94, LME95, LEB98, NLSK99, OK01, PHB96, RS92a, RSB96, SP96, SCC92, SB84, Swa98, TJ92, WN94, XH91, XMN92, YB01, GH98a, HSMB91, RS90a]. Multifaceted [Won99]. multifluid [LW16b]. Multigauge [LR94]. multigrain [ABC+09b]. Multigrid [MT96, MHC95, PSE+01, IHM05, MRS+14, WH17]. multihop [CDCD05, HW03, ZLCJ12]. Multilevel [BW89, KK98a, KK98b, SKK97, LK15, MMS09, PAS15, SZW05, TK08]. MultiMedia [CQ98+06, ALL99, AZ01, GC95, JSCB95, LBL95, Won99, WUG99, ZR00, AFG+19, AM12a, LVP07, ZV09a, ZVL11]. Multimediaproduct [JSCB95]. Multimessage [GC95]. Multinode [VB94]. Multipacket [MS94, RR59a], multipartitioning [DMFCM03]. Multipath [LYL93, KPR88, OM10, SH89, WGS08]. multiperiodic [TW89]. Multiple [ALL99, ADS98, BOSW94, BOS+95, CCC92, DLP99, FGKT97, GH93, KS97a, KC98, KJ84, KM91, LMF90, LSC00, NSAS10, Par92, SM94, TVS97, VS98, VC98, WNA+94, ZB96, AFK14, AC08, BXA08, BOT13, BKW13, BSH08, BFKP04, Car90, CDS10, CH05, CCLS94, DMB+03, DKUC15, GRV08, IEWK17, JSCB95, JDDL11, JMI5, JP09, JW89, KAP90, KSS+07, KR87, Kum17, KIH15, LL06, LY10, LPX05a, LDP+14, LSWC14, LV07, LWW18, MV05, MHBW86, PTZ06, PHS04, PLK+18, SK09, SPRG+12, SI3, SZ03, SRT+18, YB09, ZWWX16, TJCB10]. multiple-bus [MHBW86, YB09]. Multiple-Pass [Van96]. Multiple-Writer [KS97a]. multiplex [ZXGD18]. Multiplexed [HP00, HRG+11]. Multiplexing [AM95, PD92, QMCL94, QM01, ZLPP01]. Multiplication [Fag92, Li01, NFEG97, ASES15, BGO19, CLR90, EL91, ITT04, LV15,
multiplicity [PMHM19]. multiplier [MS87]. **Multipliers** [SRK95, BOI91]. **Multipole** [SHT+95, YB01, KP05]. **Multipole-Based** [YB01]. multiprecision [MS87]. multiplier [MS87]. Multipliers [SRK95, BOI91]. **Multipole** [SHT+95, YB01]. Multiprocessing [CDH84, MBK+92, ABC+88, JS86, ZLWL12]. **Multiprocessor** [BW95b, CKL99, CP91, DS96, DRC90, DFN+94, GH90, GMM00, HP00, HC90, HN91, KS97b, LYS02, LF92, Lun94, MF94, MMRS98, MT95, MMVR97, MD92, OM90, PL95, PM96, PP92, QY94, RS92b, SEP96, SOh96, WF93, XZS96, ZNQ93, AA10, AOSM05, BHR91, BR91a, BYG+18, BS92, CRJ10b, DI91, DMS+16, GL89, HDT+05, HA91, HC91, JWSG14, KA05, Lee90, LHK03, Li16, LW89, LV07, McA89, PK05a, PI90, SK09, SM89a, SY07, TS91, YL89, ZY90, ZQMM11]. **Multiprocessors** [AMB95, AM95, BJ99, Bas97, BS96a, BL96, BC01, BLG01, CB95, DS95a, DJ98, DZDZ01, DT92, GY92, GZ97, HJ01, HA92, KSB94, KB96b, KA97, LK98, LA93, MB92, MS98, MG91, NB93, NS97, NPP+02, PH91, PY96, PT97, RL96, RJY96, SMH94, SCM99, SY01, SDS99, SD00, SC91b, TTG95, VSIR91, YW91, YMR93, YL98, AP91b, BC05, CLM90, CRJ10a, Cyb89, FZC+05, FG05, Ga90, GL90, HCM11, HRG+11, KA03, KK11, LEN90, LE91, LPK+10, LWCG14, NSTM91, Niki3, RFPAG08, SPBR91, SD91, SMH91, SA90, YB90, DC91]. **Multiprogramming** [MS98, NSS97, NPP+02, YL98]. **Multithreaded** [BFL+13]. **Multireader** [HV95]. **Multiresolution** [KZ96, ZM94a, CL85, SHRM19]. **Multiscalar** [VS99]. **multisearch** [ADM+94]. Multiset [AFS96]. **Multistage** [AA95, BETD94, LC96, OM84, PL93, SZB92, TH02, Tze91, UR94, Wan96, Wan01b, YFP00, ATH91, BJ15, CM04, FZ90, HJ90b, Har91, JBM91, LK90, MVM04, PW16, PW17, SH89]. **Multistage-Network** [UR94]. **Multitask** [Cza13]. multitask [LST+13]. **Multithreaded** [BJK+96, BLG01, GGB93, GRS97, KC99a, LN99, PS01, RNSB96, RSBN01, SAC+98, SSSG97, TG99, YMR93, ACD+18, ABC+09a, CN14, LLL15, NZ17, SL06, TP18, TK04]. Multithreading [BL96, FKT96, KPC96, LK13]. **multitonic** [Sei05]. Multisupe [BAL05, ZRC99]. **Multivalued** [HV95, HV09]. **Multivariate** [HK01, MMAL+06]. multiversioned [Ahu90]. **Multiway** [SM00]. municipal [LHX+16]. Munin [Car95]. Mutzan [Ahn92a]. **MUPPET** [MSS88]. **musical** [WIR+18]. Mutual [AE95, Ch04, Cha96, DFGK05, FCT00, GBG93, KY02, Kak15, KUFM02, NTA96, NM02, Sin93, XLG+06, YZY96, AK07, Ara13, BDM18, BAS06, CW05, CH06a, CB06, Gos90, LASS15, MM07c, NTL2, Ram89, RDA18]. mutually [WW18a]. **MVAMIN** [JBM91]. **myoelectric** [BAT+19]. Myrinet [KLO1b, QS05]. N [BM17a, GPSH19]. **N-modular** [BM17a]. name [TB90]. **NAND** [No12]. nanoarchitectures [FCG+14]. **nanophotonic** [HRG+11]. nanoscale [PLD14, ZRN+14]. **nanotechnology** [MKN14, MNK12]. **NAP** [KF90b]. **NAS** [JV06, WAS95]. Natural [LS95, VB96]. **NC** [LO91, RDL95]. Near
Near-Data [SLHS19]. Near-Maximum [FTL92]. Near-Neighbor [HA92]. Near-Optimal [San99]. Near-Neighbor [OS96b]. Near-Neighbor [FTL92]. Near-Neighbor [HA92]. Near-Neighbor [SLHS19]. Near-Optimal [San99]. Nearest [HH01, OS96b, AK19, UR94, AK19, CK19, CRHC19, JHL+18, KS08, MKC+09, Wan07, ZM+16]. Nearest [Nas94, SSM89]. NEAT [LST17]. Necessary [SJ96]. Necessity [MC03]. need [LTG14]. needed [IR12]. needs [CHLL15, LY13]. Negotiation [LL98]. Neighbors [OS96b, AK19, CKC19, CRHC19, JHL+18, KS08, MKC+09, Wan07, ZM+16]. Neighborhood [JdSJC+15, LY10]. neighborhoods [NA06]. neighbours [NMN+14, SDG17]. NERSC [R¨OE+18]. Nested [BHS+94, CWW96, DRR96, HS93, KGB92, Mer96, RSS99, SCB09, AGMJ06, BFTV07, EB09, ZLKK19]. Nests [DR95]. Net [BPJG92, BDF92, Chi92, Fer92, SP90, KK17, NM95, WL92]. Netfinity [BAHP01]. Nets [BPJG92, BYT19, CMT92, ESCV15]. Network [AA93, AAD98, ABM+92, ABCP96, BJS18, BBH+97, BCCD02, BA95, BC01, BF97, BTO1, CGKK97, CW01, Cha95, CW92, DLMX97, DSAUM99, DVZ96, DR18, DP94, DKMV01, DH95, ESMG96, ES12, FFK97, FAM96, FTL92, GRS97, GS01a, GH93, HH97, HPT+97, KC95, Kop97, LST17, LS97, K094, LC01, LM96, MM00, MJ94, MSS88, NBS99, OM84, PN97a, PN97b, Pat01, RCM97, RJY96, SM00, SBAM96, SS95, SCB09, AGMJ06, BFTV07, EB09, ZLKK19]. Networks [HMY+18, IZ12, IS06, JF12, JW06, Joh99, JS90, KERUM04, KJ03, KMC16, KO11, KO12, KCD08, KR094, KH12, K90, KPR88, LT10, LAD+96, LSS+11a, LSS+11b, LB12, LTD+93, LY08, LTT12, LU14, LY13, LRS98, LWG14, Nap90, NS90, NM17, NGQM12, OO05, PL06, RH05, RD05, RCG18, RGAN18, RSL12, SM18, SS91, SHK19, SCW+18, SS05, STKW12, SY04, SK89a, Sta17, SMKL93, TM06, TDP15, TCHC12, TTD+19, VM95, VHH98, VR86, VRM10, WL11, WW18b, WMC+18, WG11, WLZ+18, WWA+18, WHS+18, YK04, YLZ18, ZWS99, ZY12, ZWRI07, dG91, AA14, SLW10, SLG+18, ZCF+17]. network-aware [RCG18]. Network-Based [GS01a, OM84, PN97a, PN97b, CV09, KJD03]. Network-on-Chip [BJS18, DR19, GJ12, LY13, AA14, ZCF+17]. Network-on-Chips [LK10]. networking [STKW12]. Networked [FGKT97, HS97, LHM95, OGY97, BWO9, FX10, HP06, JL11, SS08, XL15]. Networking [An001e, GCY+04, B003, DWVB10]. Networks [AAD02, AZ01, AS97, ABP92, Am94, An09c, An09c, An09d, AA95, BS97, BAES92, BCF95a, BETD94, BCD00, BDF01, BCF95b, CP97, CT96, CS00, CB94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DL01, DF95, D297, DC94, FCF00, FT94, GG93, GPJA10, GK98, GHKS98, GO95, GPS96, GB93, GS01b, HIKM94, hHY97, HLCZ00, HJDH01, HJD+01, JR92,
SL89, SR88b, SR90, Ste17, SK05b, SCLL10, SK11, SJS11, SH89, TBHA07, TLY12, TODQ18, TDC05, TC13, TMK+17, TM10, TDM05, TR08, TCS+10, TWQS12, Var91, VA03, VRM10, WCC02, WW07, WG08, WTB+08, WGS08, WMW09, WBTM09, WW12, WCL+13, WYW15, WFLJ16, WW18a, WCXL11, Wi90, Wu85, WTS03, WH08, WL10, WBRT13, WHW+19, XYKA08, XCLR07, XHG03, XQ04, XWC+08, XHZ+10, XG03, YpGyLlC13, YME06, YF09, YDZ+18, YL89, YSL08, YWW12, ZV06, ZMG+16, ZMC06, ZW11, ZBR11, ZLCJ12, ZMY12, ZXP09, ZGXM18, ZDC06, ZTG17, ZL17, ZL03, ZC04, dOBG+15, ALLM11, LDZ+14, LDP+14, LN11, MLCFH+18, MR03, MEMEMH17, PRP09, RBP+11.

Networks-on-Chip
[MSEM+19, HRG+11, KKK+11b, LHLM14, ALLM11, LK11, MEMEMH17].

Neural
[AA93, Ano92c, BST01, CW92, FTL92, HPT+97, JH92a, KJD03, Kri92, LWOG02, MM00, MLCFH+18, Mon94, NS92, Piu01, Ram92, TVO92, WT92, ZC92, eW95, Arb89, CLXX19, FK89, GH89a, Joh89, KH89, OGRV+12, PGP+12, SMKL93, Tor89, TDP15, TYD+19, VM95].

Neural-Network
[CW92].

Neuro
[MT97b].

Neuro-Chip
[MT97b].

Neurocomputer
[GFB+92, Ram92].

Neurocomputing
[Ebe94].

Neuronal
[VO89].

Neutrino
[AAA+15].

Neutrosophic
[MHLZ16].

Newest
[AK17].

Next
[NAB+11, HPB+10, RKK06].

Next-generation
[NAB+11, HPB+10, RKK06].

nic
[LC14a, FKT96].

NIC
[JBY+05].

nine
[DM17].

No
[KF90b, IR12].

NoC
[AA16, CZPP16, CAF+11, DJDK19, FLL14, HRF+11, LLI+11, LW16a, LK11].

NoC-based
[HRF+11, CAF+11, LLI+11, LW16a].

Node
[BK18, CG17, LK10, MP10].

Node-independent
[HAC17].

Node-disjoint
[Lai14, Lai15, Lai17].

Node-ranking
[AAD03].

Nodes
[GP97, NSLK99, SS95, CK91, DB86, LKS14, LW18, NM17, SI13, WGS08, XYG07].

noise
[SFT+13].

Non
[BB05, TVT+17, BGH+03, BBFN14, BMKT14, CLL09, GOH+13, GRD05, GTGLS12, HZHS18, HLL+19, KK10, KR17, Lai86, LHJ19, Li06a, MM07c, MAR05, NKV14, Q505, WMY+17, WLNL06, ZPK+14].

non-blocking
[KR17, CSQ].

non-Cartesian
[GOH+13].

non-clairvoyant
[Li06a].

Non-cooperative
[TVT+17, GRD05, KK10].

non-dedicated
[HLL+19, MAR05, WLNL06].

non-deterministic
[GM12].

Non-evolutionary
[BB05].

Non-first-in-first-out
[Lai86].

non-functional
[WMY+17].

non-linear
[BGH+03].

non-memoryless
[BMKT14].

non-uniform
[BBFN14, CCL09, LHJ19, MM07c].

non-volatile
[HZHS18, NKV14, ZPK+14].

Nonatomic
[SIN95].

Nonblocking
[JSN94, MS98].

Noncooperative
[G05].

Nondedicated
[Ano97k, YZS96].

nondense
[WF90].

Nondeterministic
[CY95].

nonequivalent
[NJ91].

Nonexpansive
[Bah00].

Nonlinear
[AM93, DM90a, ESMG96, MHC95];

Nonoblivious [FY96]. Nontrivial [ACH18].

Nonredundant [Wu94]. nonscaling [Zha11].

Nontrivial [ACH18]. Nonuniform [AA95, KRW96, KR97, LK90, OP98, WLR90].

Notes [THSS87]. Nothing [LT94, PVGG06]. notice [PCX14]. Notification [ABP92].

Note [Ano01-34, Ano02j, NCRK19, Pel95, Num07, Ano04d]. Notes [THSS87].

Nothing [LT94, PVGG06]. notice [PCX14]. Notification [ABP92].

Notes [THSS87]. Nothing [LT94, PVGG06]. notice [PCX14]. Notification [ABP92].

Note [Ano01-34, Ano02j, NCRK19, Pel95, Num07, Ano04d]. Notes [THSS87].

Nothing [LT94, PVGG06]. notice [PCX14]. Notification [ABP92].

Note [Ano01-34, Ano02j, NCRK19, Pel95, Num07, Ano04d]. Notes [THSS87]. Nothing [LT94, PVGG06]. notice [PCX14]. Notification [ABP92].
OLAP [DKRC+15]. Olden [CR96]. OLSR [KKK11a]. OLSR-aware [KKK11a]. Omega [Ano93e, CS93b, SZ00b, GL90, CS92]. omega-like [GL90]. omnipotent [BBD18]. OmpSs [PSB+19]. on-chip [BYG+18, DJDK19, KH12, LNA12, LLKY13, LSXX14, LLTL12, LWCG14, MYD+11, PMCC18, UM17]. On-demand [YYLc11, BSW07, FVLB09, HZDP12, LSZZ15, NKK16, SFEF06, WL05, XG03]. On-Line [BDKM94, LTY96, Yen01, DJ98, EL88, LHK03, KM88, SL90]. on-machine [AES11]. on/off [ACA+19]. once [ACHY18]. One [Ano93e, Bog17, CS93b, LP95, PTA08, SR97a, SR97b, YAS98, ZB97, BPBR11, Che05, CS92, Deh90, Lai14, Yan04]. One-Copy [Ano93e, CS93b, CS92]. One-Dimensional [LP95, PTA08]. One-Sided [ZB97]. one-step [Yan04]. one-to-all [Che05]. One-to-Many [SR97b, Lai14]. One-to-One [SR97a]. Online [CRH11, DTK11b, HCWS94, JTC+18, KKR14, LQM+12, LHLM14, QM01, ZGW+19, ZLMC14, AZC13, AFGW95, HTL99, HLJ98, KSA95, PKD97, Van94, ZK94, BM04b, DT11, LMR05, SLZ+19, JSWB92]. onRamp [FKR+17]. onto [BR08, BS90, BS+01, DAYA02, DJa04, DQR+09, ERL90, ERS90, GH89a, GW99, KMS+06, LLS07, MM00, MAS+99, XH91]. ontologies [ASHO19]. Ontology [PRP09]. Ontology-based [PRP09]. OP2 [GMS+13]. opacity [KKW17]. Open [CA94, DDO+18, Kar19, ZSW14]. open-source [ZSW14]. OpenCL [AB13, MC17, PHW+13, PSB+19, RBR17, Str12, dAT17]. OpenMP [AGMJ06, CCM+06, HLCZ00, LNW+12, LA06, PARB14]. OpenMP-based [LNW+12]. operand [SR88a]. Operating [MBL+92, SEP96, CDJ+89, FABG+19]. Operation [HLJ01, Coh90, KNS91]. Operational [RHH96]. Operations [BTZ98, DP98, FAGW95, HTL99, HLJ98, KSA95, PKD97, Van94, ZK94, BM04b, DT11, LMR05, SLZ+19, JSWB92]. operator [CL85, TG03]. Operators [BDKM94, SR94, SMO14, WH17]. Opportunistic [LY+19, AM07, DBW+18, LWW18, WW18a, WWA+18, dKG+10]. Opportunities [PJ18, ATKT19]. opportunity [KS03]. opposition [WRW13]. opposition-based [WRW13]. OPS5 [GF89, HS86]. Optical [AK93, Ano93e, BA97, BC01, CS93b, CLM90, DP99, DSD+97, DR18, ELS94, ES97, GB93, HP97a, HQPT99, IWM97, LLJ00a, LLJ00b, LPZ99, MR03, MC93, MB93, MG93, OS97, OS93, PEC95, QM01, RP98, SH93, SL97, Szy95, SH98, THN+93, TBPV00, WLY01, WH00, YWP00, YMG01, ZLPP01, CS10, CS92, KK17, KH12, LY13, McAs9, NAK04, PLD14, WG08, dR09]. Optically [DH95, EH01b, Guo94, KM97, MKY+97, QMCL94, GMH+91, TRSS06]. Optimal [AMS94, AH12, AR97, AKPT99, BNS00, BBM+02, BSDE96, BOS+91, BOSW94, BHK+94, CW00, CS93a, CA95a, CW92, CA96, DS95b, DP00, DLP99, DT97, DF90, Ede91, FLPT07, FM96, FXW03, FA95, FAM96, FY96, GS91a, HV95, HMKU98, HM01, Ho91, HJD+01, HLL+19, IZ95, JP95, JLY12, JBP00, KERUM04, KUFM02, KS97b, KW02, Lai17, LHS97, LSC00,
LK94, LCW05, LL12b, Li14, Li19, LO94, LO96, LV88, LS01, MS94, Man97, MW95, Nak95, OS96b, OSZ98, OH02, PM05, PP06, PK05a, Pel95, PL94, PV07, PM96, RR95b, San99, San02, SJ95, SZ00b, Sin87, SV00, TR08, WL90, WLY01, WR97, WS95, WS97a, WN94, Wu94, WHT02, Wu03, WLL08, YA11, ZV14, ZWS09, ZWRI07, oPP00, ANP07, BM04a, BPBR11, BS92, CV90, CMS04, CZ90, DKKV15, Djia04, EB13, Gue86.

Optimal [HDJ08, Li10, LH04, LS05, Lis90, LCB16, MD07, MPG17b, NW88, NZA13, Pel90, PW16, PA04, PRR07, RTZ11, SGR03, SSM89, SGE91, Tam18, VS16, VAS13, WC91, WIB12, XWC08, ZQMM11]. Optimality [HV09].

Optimally [TBPV00, GC07]. optimisation [AD12, LL07]. optimising [PVRS17]. Optimistic [HF02, NH93, PW96, SS93, DWG03, JLM08, QS05].

Optimization [BLG01, CGN+13, CLA+18, CLRW00, DDGK13, FM99a, FCF00, HA92, KCRB99, KZ96, KLS90, LWY97, MBW16, MC17, OK02, PMAL11, RL02, RNSB96, SMH94, SLHS19, TRSS06, VSM96, WCO+09, ALM+16, ATH91, AF06, APK18, ADDB18, BCM87, BNBR16, BDGR13, BHLT14, BYH+17, CMMT13, CCK11, CI86, DJH11, GZG+17, GL12, HVW16, JZZ+17, KS18, KA89, KKB+06, KLL87, LL10, LQM+12, LBT19, LGK+12, MZC18, NS12, Ozt11, QSO5, RCG18, Ren11, RRS+08, SS11, SCC+06, SZD07, SK90, SPPA19, Str12, TPS+18, WMW09, WCL+13, WRW13, WQL14, WMG13, Wol88, XLHT13, XLI18, YWD08, ZZJ+18, ZV12, ZIO8, ZWX16, dCPD19].

Optimization-based [PMAL11]. Optimizations [BW95a, DUSH94, HKT94, KY96, RSB96, ZH99, ABC+09a, CZPP16, LJZ+19].

Optimize [DRR96, HLJ01, SF05, TdAR18]. Optimized [ABDS02, Bar05, LMXJ18, WJ14, Ana14, BKS91, DKC14, Pet18, TW15].

Optimer [HLILY95]. Optimizer-Assisted [HLILY95]. Optimizing [ASAI8, CC16, CG86, JST12, KRC00, KR06, LMR05, LM16, MLV+19, NCTT09, PGRP17, Sab94, SBC12b, WCWO17, WMG01, WLWV09, WG11, WSLC11, AFNT17, AHA+16, ARM+05, DV13, FMIF18, GYY+14, MSM09, PB19, ZGG+14]. Optimum [BHK17, LP96a]. Opto [AA93].

Optoelectronic [AA93]. Optoelectronic [HPT+97, MLW+97, MB93, HNSA07]. orchestration [BYT19, PVP18, RCG+11]. Order [AMS94, Bit92, CLZ02, DT97, BCM06, BG05, BMLLC+19, CB15, GA90, KK17, KMF+05, KME09, MP87].

Ordered [GS98, HCR12, TS91, CG10, JW89, KKS+12, SW18, Tay05, YLB+15].

Ordering [KK98b, PRS97, RS96a, ZB97, CHC05, Zah12]. Orders [SH97, Sta04]. ordinary [GGR89]. Organization [AP94, AAH17, CT04, HIK+97, Ull84]. organizations [BW95]. organizing [BFPK04, BZH06, IZ12, KO11, MYM10]. orientations [AFM09]. Oriented [BS90, CSSY94, CS95b, Fer92, HS00, SG96, Bic90, BZL04, Chi95, CTT08, CSW+17, DZC17, DWYB10, GYAB11, Hdr13, HRM17, KHW13, KBD05, Kum17, LWQW18, MXSL12, PSGS17, RKK06, SCG10, SK90, SFEF06, WWY+18, YJB91, ZC04]. Origin2000 [SSO02]. ORION [PRP09]. ORN
Orthogonal-access [HC91]. Orthogonal-access [HC91]. Orthogonally [CP98]. Other [Kap93, Kum17].

OTIS [ZMPE00, ZXP09]. OUSNs [LWW19]. Out-of-Core

Other [Kap93, Kum17]. OTIS [ZMPE00, ZXP09].

Overhead [DI91]. Overheads [DI91]. Overlap


[QH96, ALTV13]. Overlapped [Lin93a, KNS91, SWLZ17]. Overlapping

[QH96, ALTV13]. Overlapped [Lin93a, KNS91, SWLZ17]. Overlapping

[QH96, ALTV13]. Overlapped [Lin93a, KNS91, SWLZ17]. Overlapping
[ASR93, AGW01, AT94, AGF94, AAL95, AN92, AISS97, AP94, Asa01, AaJS01, Ahn97, AFM93, AS97, AK19, AS95, AH94, Ano92a, Ano93a, Ano96j, Ano97, Ano97k, Ano99g, Ano00d, Ano02v, ASC+18, ABZ95, AKP95, ADM+94, AS94, ADS98, AB93, BK95, BJ96, BR96, BCD95, BBD+91, Bai94, BW98, BBH+97, Bal90, BDF92, BGR96, BS97, BCV94, BFG94, BN94, BB93, BBM+92, BV13, BL94, Bev02, BBH+98, BKCM17, BP95, BEE00, BS90, BHS+94, BDHF90, BP98, BR95c, BRFR06, BMARW07, BMRC98, BMRC99, BS00, BTZ98, Bro96, BX93, BDH+97, BA01b, BTG02, BCM98, BW18, BM95, BNSP99, BS09, CP97, CMT93, CP98, CGKK97, COV13, Cas93, CC91, CDY97, CDRC99, CB99, CKK00, CvdBL08, CCRS92, CGL+95, CCC90, CS95b, CP10b, CW93, CA95a, CWW95]. Parallel

[Chi92, CV91, CDJL09, CN93, CP92, Che93, CHR94, CY96, CWP98, CB96, CQ95, CRM17, CG94, CH92, CP94, CA95b, CHGM01, CRFS94, CLZ00, CbCD00, Cuz11, DDO+18, DFHH13, DM90a, DM95, DOP98, DP00, DM92, DRC00, DH91a, DS84, DO98, DH94, DDGK13, DN94, DJM94, DSW94, DT01, DS1+97, DBKF90, DD95, DZ97, DJT03, ES96, ERL90, ERA95, EMM94, EL94, ES97, EHS94, EHMN95, Fahl96, FLL14, FZWl2, FRW03, FG17, FTM+14, Fer95, FR96b, Fer92, FMP98, FLS+97, FPS11, FC95, FKK97, FJ93, FMW+94, Fre96, FT94, GG94, GP94, GCB+00, GGN93, GV94, Gb98, GBE93, GGD93, GM94, GP94, GKK97, GID99, GM95, Gs92, Gra09, GL92, GH99, GL92, GWH06, GNZ18, GKV93, GHJ96, GSS99, GR+05, Hag97, HHH94, HK96, HH97, HGCC96]. Parallel

[Han89, HES11, HB97, HBJ98, HP95, HR92b, HR92a, HHC98, HP97b, HN91, HTB98, HR95, IK94, IZ95, IWM97, IHM05, JW94, JBL02, JSM94, Jia99, KR97, KF96a, KM92, Kap93, KSA95, Kar92, KK98b, Kau94, KZ96, KKN13, KR98, KBO1, KKS08, KE93, KSP93, Kri92, KRS13, KW02, K94, KGV94, KM92, KA97, KC99b, LSCA93, Lan09, LWCC15, LP96a, Las12, LMCF90, LW97, LTH07, LJKS02, LS97, LC90b, LAS+97, LP99, Li01, LW02, LYL08, LSS+11a, LST+13, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LK11, LFA96, LKB+15, MB96a, MHH93, Mah95, MM93, MS99a, MLC+90, MR94a, MPZ09, MT96, MB96b, MP93, MSGS+13, MSH90, MD98, MZC18, MHC95, MB92, MSd+95, MMAL+96, Mer96, Mil93, Mir91, MB93, MG98, Moh96, MSAZ10a, MNK12, MS96]. Parallel

[MS99b, NS97, Nas94, NFEG97, NMS93, NS97, Ngo06, NT90, NKC+97, NH93, Nic94, Nie94, Nk04, NA13, NSPC02, ND299, NS92, NPY+97, O005, OY98, OY13, OP98, ORR03, OR97, OT19, PH91, PD95, PP96, PDP17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, Pla08, PAH+98, PAJC97, PBB+17, PRS14, PSE+98, QZ94, QH96, QVvdG01, REN10a, Raj01, RSS96, RA02, RS92b, Rsc84, RW01, RG00, RPS93, RSL12, RSW90, RIZ90, RA97, Ros99, Ros07, RV93, SSG93, SH90, SS96, San98, SM96, San02, SAOKMA02, SH97, SG93, Sch90, SM98b, SW96, Sch91, Sds97, SAF05, SR97a, SR97b, SAC+98, She06, SS92, SSHC00, STN92, Shu95, SGSS99, SL90, SM00, SRK95, SSRV94, SB93, SC95, Ski96, Sm03, Soh96, SL97, ShRM19]. Parallel
parallel [BNBR16, BFH09, BS87, BSG90, BR91b, BM08, BSH15, CRL04, CTS17, CTE17, CVK18, CC87, CZZ17, CLOL17, CFJW13, CKWT17, CJK91, CM12, CD95, CK91, DMK19, dADC18, DP06a, DM18, DRT07, DM90b, DM90c, DQR09, DUW86, DLW12, DAG17, DRR13, DM94, DWHL87, Ebn04, EB13, ESTA94, EE05, EL07, FC04, FGG08, FB17, FC91, FSD04, FKR17, FC14, GM12, GVBB13, GGR89, GS91a, GP91, GT04, GMVRGS16, GWWL94, GC07, GB06, HM06, HSS10, HOE09, HSH10, HD13, HS86, HA91, Hsi04, HSS17, mH14, JT88, JSWB92, JMS86, JL05, JJ12, JST12, JP09, JZ05, JV06, JZ15, KKR14, KESA07, KR10a]. parallel [KR10b, KHT14, KV88, Kep03, KHK03, KKS12, KCR14, KN18a, KN18b, KM03, Koc91, KSSG14, KBC10, KK86, KS91, KMP10, KP05, KH15, LM06, LT02, LEd13, LP10, LGRV19, Li06a, Li06b, LT07, LY12, LMB17, LJJ91, LTKS90, LC92, LH04, LS05, LH09, LL14, LZZ11, LG13, LF03, LU85, ME04, MR88, MV88, McD99, MCT06, MTL18b, Men18, MP87, M11, MAR05, NVK11, NDW17, NSD18, NW88, Nic07, NZY11, NCTT09, OS04, OTKT12, PB90, PPC04, PMAL11, PPTV10, PA15, PK89, PPSV15, PF91, PV06, PHS04, Pop91, PGKV18, PF04, PR88, QJ05, RA08, RSR04, RG03, Rao16, RA17, ROB18, RG87, RSK91, RSG13, RCG91, RBB17, RS06, RS03, SP09, SV08, SB99, SC91a, SS06, SSTP09, Sch14, SPH13, SC04, SZW05, SF05, SK91, SM13, SA08, SK16]. parallel [SMH14, Sta04, SDG08, SSD610, SR91, SR16, Sui18, SHC14, SRT18, SSZ13, TM06, TMA18, TW89, Ter16, TRSS06, TS91, Tr09, TL18, UGG11, VD04, VS16, VA07, Vis87, WL90, WLL16, WC91, WJW07, WBTM09, WLCZ15, WHRH11, WJD91, WZ91, WIB12, WF89, WIWH09, WGCZ09, XL11, XZ11, XYZ14, YJB91, Y011, YZLT09, YD18, YMB13, Zha11, ZFL89, ZJ06, ZF06, ZBW17, dVCP06, dGP06, CPO13, Cza13, FTK14, KR11, Rec84, Y011]. Parallel-depth [BP89]. parallel-processing [Tr09]. Parallel/Distributed [KZ96]. Parallelisation [HSS07, KJ04, AD12]. Parallelism [Bec96, BAM93, BCGN13, DRST02, FM85, FKKC97, FY97, GSG93,
Parallelization [BPST96, BF01, DHR96, HO94, KR97, Kub17, NM95, NC97, Pov99, SANY94, UZSS96, WCKD06, AAD05, AGMJ06, CVJ09, IBP08, LMY+11, MPN17, Nes10, QGZP19, SGE91, WCEA10]. parallelizations [CCLS94].

Parallelized [DR98, MJ01, SPVvH03, WZY+19, ZMZJ17]. Parallelizing [HWW96, LLS+16, RHH96, Tse90, WCH+17, DMCFCM03].

Parameter [dR09, NSTN91, PW96]. Parameterized [TSHH01]. Parameters [Fer90, WRW13]. Parametric [DR95]. parametrisation [MLCFH+18].


Path [BLG01, DP00, FF98, HTB08, IZ95, LK96, MKM16, NTA96, OC07, RMC97, TU92, TZ00, AHT91, ANP07, CHCG18, DGNW13, DM90b, ED005, Hsi04, KS91, LS03, LFFJ18, NS09, Ros89, SYYU07, VLL+14, WCC02, YME06, YC12, DCA+15]. Path-Based [FF98, RMC97]. Paths [BGR96, BP02, GT97, GP00, DMB+03, FLPJ07, Lai14, Lai15, Lai17, MT14, NCA+12, PK04b, WFLJ16]. Pattern
Patternlets [Ada17]. Patterns [AM17, GSP02, KS02, LL95, AM13, Ada17, BHR91, BR91a, CTS17, ETS14, HHA14, HJK98, KIH15, NAK04, RGU08, SPBR91]. Paving [APV18].

Payments [CSS11]. PBS [GPJA10]. PC3 [AHG12]. PCB [wXH00]. PCG [ORR03]. PCS [FCF00]. PCT [AT03, KDO+13]. PdBCube [CAB94].

Paving [APV18]. Peer-to-Peer [HCCL10, SJG19, TMK+17, HBF12, NMN+14, ALH+09, ABCM07, AS18, BCK+09, BAL05, BB11, CTC11, CGKY12, FJG06, FKGJ08, FVCL05, HK04, LKS14, LC07, LLW12, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12]. Peer [HBF12, LCCL10, NMN+14, SJG19, TMK+17, ALH+09, ABCM07, AS18, BCK+09, BAL05, CTC11, FJG06, FKGJ08, FVCL05, HK04, LKS14, LC07, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12].
HcF05, HC91, ICQO12, JST12, JBY+05, KVNV17, KyLPC17, KWZ19, KCR14, KZ11, KC17, KKS08, LWC+18, LWCC15, LL90, LC13, LWR+03, Li06b, LSXX14, LJZ+19, LB12, LZZ+11, LGL13, LB18, LCB16, LVB07, LGK+12, IWWQ18, MC17, MSGS+13, MZC18, MRS+14, MV05, MG09, MBO11, MLK12, MBH+08, MRJ+19, MGRRK14, NSTN91, Nap90, ND12, NTC03, No12, NRM+09, OSL05, PCMM17, Par05, PRHB06, PB19, PHW+13, PVRS17, PGKV18, RH05, RM90, RTCG91, SPRG+12, SSFP11, SAOKZ05a, SAOKZ05b, SCB08, SD91, SC04, STMZ18, SAB+92, SA11, SE15, SR16, TTH12, TB90, TMM06, TD07, UMM+18, WTB+08, WS06, WH08, WG11, WLZ+18, YAA10, YYWZ19, ZWY+15, ZKZF18, ZW13.

[VWHL96, GDCC18, HMR15, RG06, SJS11]. pre-assigned [HMR15].
pre-detection [GDCC18]. pre-execution [RG06]. Pre-Processed [SJS11].
Pre-run-time [VWHL96]. prearranged [SW90]. Precedence
[JR95, KB96b, MMVR97, BKS05, DUW86, Li06b, XLL15, ZV09b].
Precise [KSJC17]. precision [BGBC+16]. Precluding [Yen01].
Preconditioned [BGM90, CP10b]. preconditioner [GLW14].
preconditioners [SW90]. preconditioning [CASD18].
Prediction [ASKO16, Ano97k. AYB+15, CTD99, DBW+18, KL01b, PH00,
WDS+18, WW+18, YS+18, Y+18, YS+18, CXX+18, CXQ+18,
DZC17, DKC14, K+18, LGZ+10, LC14a, LKM12, LWWQ18, MVP17,
P+18, SM08a, SK05a, Udd+19, WWY+18, WZH+19, WH+19].
Prediction-based [AYB+15, DBW+18]. Predictions
[DD95, XZS96, LSH+13, NVK+11]. Predictive
[DSW94, BYH+17, RKK06, SNMB16]. predictor [GGR89].
predictor-corrector [GGR89]. preemptable [LQM+12]. Preemption
[MS98, SBJ12]. Preemption-Safe [MS98]. Preemptive
[GAGPK03, JTZZ11, Mar88]. Preface [Ano01-33, Ola01].
prefers [WMY+17, WTY+18]. Prefetch [SD00, Zha11].
prefetching [BL96, KS97a, LY98, LY01, MG91, SG99, SD00, HD10, HA05,
LAK10, SSG18]. Prefix
[HJ01, MP93, San02, AFM03, BS03, EB13, Han89, LH04, LS05, LH09, STH13].
prefix-based [SPH13]. Pregel [XYZW14]. Preliminaries [NBM93].
Preparing [GS18]. pre-processing [FSZ07]. Presence
[AD01, LT96, HZ+15, ISM07, PMHM19, RL03, SAOKM03, WE13, WSLC11].
preservation [GSASA19]. preserved [SWW+17]. Preserving
[NA02, AKK+19, CXY14, JP09, OMSGNSG05, SRB+19, TKR+19, WML+18].
preservation [BYT19]. pricing [AKSZ19, GRDB05, ZV12]. primary
[AOSM04, BB03]. primary-backup [AOSM04]. prime [YL90]. Primitives
[FAM96, AF17, BBH+17]. principal [YLW18, AHG12]. principle
[CXYZ13]. Principles [KAS07, DAG+17, FK89]. Prior [KH17, SH19].
priorities [BNSH08, KSS+07]. prioritized [LASS15, LW89]. Priority
[BM97, BTZ98, Jh94, JN96, KB96b, San98, TF92, FC90, HM06,
MACKV13, MM07c, SR16, ST05]. priority-based [MM07c]. prism [Ros85].
Privacy [AKK+19, CXY14, ZLJ+19, BJL18, GSASA19, HRK+19, LDDL15,
LSL06, SRB+19, SW+W17, TKR+19, WML+18]. Privacy-aware
[WL14]. privacy-preservation [GSASA19]. privacy-preserved [SWW+17].
Privacy-preseting [AKK+19, CXY14, WML+18]. Private
[REK10a, REK10b, CKMP17, LTWW12, RFPA08, SHK19]. privatizing
[RH103, TXLL14, WMS12, DW12, FX10, HOVC09, KAA+19, SZ09,
WWY+18]. Probabilistic
[CWL+07, DM92, SCMS12, ESCV15, JHPL13, MK08b, SU87, WMG13, ZA05]. probability [DJH11, GXYZ13, KNS06, LNAL17, LXL12, NGQM12].

probability-based [GXYZ13]. probe [ZFWF06]. Problem

[AS95, AM93, ASST05, BSH15, CLRW00, CRFS94, GP00, HH01, HC97, Kau94, KBC+01, KLZ97, LF92, NW88, RDL95, TU92, TZ00, WH97, Zia92, AY89, ANP07, BCMV15, BB85a, BSG90, BFG04, BFM06, Bož09, BW18, DBA+18, dADC18, DM90c, EE05, FZWL12, FMM+08, GT04, HSSM07, Hsi04, HC11, IHM05, Joh89, KS91, LM05, LSS88, LWR+03, LY00, LCCL10, LLCZ19, LS91, LH09, MGG03, NGO06, OA10, PMV05, PBS08, PDB13, Sch13, SU87, Sta17, WLL16, WCEA10, WZ91, WMG13, Cza13].

problem-size-independent [LH09]. Problem-Solving

[KBC+01, LWR+03]. Problems

[Ano96i, Ano99g, ADS01, BK95, BOS+95, BEE00, BGOS95, BMCP98, CB95, DS02, ESMG96, FR96b, FR98, FT94, GL92, KL01a, LSH96, MS94, MP96, MS99b, OR97, RS96b, Ser97, SN93, Ten90, TF01, WM92, WLR90, WHT02, WH98, AT91, AG96, BGH+93, BS93, BB90, CMM13, CEGS07, KJ03, LW06a, Lin91, Los98, LG80, LV88, MP90, Men18, Nik04, PPSV15, WRW13, WMG13, YS11, ZTFK16, dCPD19]. procedural [Kan05].

procedure [Kub17]. procedures [DWHL87]. Process

[CCM92, IAS+92, Kar95, KSP+92, KBS96, KNS91, LM05, LSS93, SF90, Ale99, Ara90, Bic90, Ga18, GLE99, HRF+11, Lo92, MEMEMH17, MSEM+19, SDG17, TKX+13, WMES12]. process-and-data-decomposition [KBC+01, LWR+03]. process-level


Processes [DZ97, VWHL96, BFTV87, GK15, MAR05]. Processing

[Ay93, AK93, AGWY11, CS95b, DDGK13, Eme13, GC95, GLGLBG12, HPT+97, HS97, HR90, IWM97, KSL95, Kri92, LW97, LS97, LS98, LT94, MS90, MT85, NM98, NS93, OY13, Ros07, SH90, Sni03, SD88b, SSK96, SWC+91, SLHS91, TAT+98, THBF97, VA19, VB02, Wee01, WRC+02, WS93, We98, WA02, YL12, YL16, ZM94a, ZM94b, AAA+15, ATDH13, AM01, BS87, BK13, BAT+19, BHS13, CC08, CLA+18, CRI04, CL10, CCN06, CM12, DFLO17, DW04, EKNS17, GWL94, GWL94, HBS17, HR90, JMS96, KJ95, KL08b, KNS91, KKN13, KN18a, KN18b, Lee91, LB12, LL18, LKB+15, MTL+18b, MS86, NHX+19, NLB+18, PYP+10, P90, PGP+12, PVPM06, RC01, Ren11, RAN+17, RG87, RTGG91, SCB08, SIY14, SS18, SK89b, Sto87, SC10, SI13, SA90, TZH+06, Trä09, VETT18, WW07, Wan07].

processing [WJD91, WL10, XHY07, XQ04, ZMCP11, ZHH15, Ano93a, PRS14].

processing-in-memory [NHX+19]. Processor

[A95, AERBL92, Ann94, BG86, CW93, CW+95, CKL94, CKL95, DY99, DDD98, GW99, Goe94, Guo94, HO04, JH97, JB98, KC98, KF90b, KBC92, LS91, MD+95, Moh96, MMN98, MKB+92, NSS97, OS98, Par96, PT01, RKK97, SS93, SHC93, SS97, WCF94, YD98, YL98, ZH92, ZYO02, ACYS08, Bat05, Bod89, CL88, CL85, DK11, Deh90, E107, Gro85, HK08,
HA05, Kri91, KR87, Lee91, LC13, Li05, LY13, MM07b, OT86, PLD87, PR13, RR05, RLH03, SI86, SI89, SSM89, SHL+13, SKK91, ST85, SAJ13, SE15, SHRM19, TR08, TdAR18, WIR+18, Wil92, XP10, YBM13, LTKS90.

**Processor-efficient** [LS91]. Processor-embedded [CkLCK04, CkLCK05]. processor-in-memory [HA05]. Processor-node [TR08]. Processors [CMS92, DBKF90, GR96, Hag97, HQPT99, HBH93, JR95, LPU97, MP96, AR17, AjHeC90, BM17a, BD05, Ba05, BB85b, BR91b, CBM+08, CN14, CK11, CHLL18, CkK9+13, CRSB13, CMC+19, CK91, DDG+17, DPRW85, DWYB10, FSP18, IC05, JJ12, JHF+17, JZF+15, KK88, LV15, N12, NZ17, PK89, SPC+17, SNMB16, SC91a, SP13, XT12, ZXB14]. producer [KK11]. producer-consumer [KK11].

**Product** [AAD02, AFG+19, GE94, MSC96, CI03, Dim04, Dja06, ISAZ07, ISAZ10, JD12, MSAZ11, ST85]. Productivity [VFAD17]. Products [ANS97, WLD00, CP10b]. Professor [Ano04r]. profiles [YWAT13]. profiling [BST01, KC17, uRL+18]. Profit [LWZZ12, AM06, KSSK16, LLCZ19, ZV12]. Profit-driven [LWZZ12].

**Program** [BDF92, BE95, DBP94, DD95, ERL90, Fer92, FJ93, GSG+93, LSCA93, LMcF90, LAS+97, MDD97, Mi93, NBM93, PP96, PS01, RRs+08, SH92b, The02, WF93, YB01, ZYH94, C3G88, Kan05, RM90, ESA03]. programmability [KWZ19]. programmable [AC89, EAB+19, HHA14, MM07b, PYP+10]. Programming [AT94, AM93, AB84, BK95, BJ99, BCD95, Ba90, BN94, BB93, CP97, COV13, CCRS92, CCC92, CEF+95, CBdCD00, CJ99b, DRR13, FC95, Fre96, FBDC99, GP94, GGW96, GAG+92, GLC01, HR00, JW94, JR99, NT90, PA94, PM96, RAS96, SSOB02, SH95, SC95, VBF13, VFAD17, ZC92, AE88, AB13, AJG18, BANM05, BYG+18, BGo17, Boz09, BHS13, BLZ+18, CK88, CCC+04, CTS17, CCE+17, CMR19, DRT07, Eij18, EE05, EC89, ESA03, FGC17, GL89, HdR13, HSS17, IEWK17, KKV10, KSG13, KZ11, MEE88, RK18, RSR04, RR05, RSW91, SSdB+10, TFMS15, YQTV12].

programming-based [KKVI05]. Programs [AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL+95, CMS92, DR98, dADB96, ERA95, Fa96, Gup92, GHSJ96, HLJ01, Kar92, KY96, LP97, Lun94, Lm99, Mah95, Mi92, QZ94, QH96, RJA97, RW93, SKR93, SG93, SSH00, SK93, TR96, TG97, Y196, ZN01, ZH99, Ay90, Bie00, C16, CAX13, DeG88, DMR18, FKL08, GOO16, HK08, HS03, LK+10, LNC1a, LNC2, LZZ+11, MD89, NCT+07, Nic07, Pop91, Science13, THSS17, YDTZ18, ZXB14].

Progressive [RGSO0, YIY97]. Project [BSH15, FC090]. Projection [AAP01, HSJP87, FGL+11, NCA+12]. Projection-Based [HSJP87].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

proportionality [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

proportionality [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].

properties-aware [WYJ+17]. property [PB09]. proportionality [KR12, KCR14]. Proposal [HPT+97, ESGQ+14, NKK+16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS18, YDTZ18].
quality-aware [AH12]. quality-of-service [LNA12]. Quantifying
[AAFV04, FX10, LDCZ97, Nik03]. Quantitative [Buc92, NBM93, YZW+15,
GXYZ13, KC17, MMAL+06, WMY+17, WTY+18, ZIO8]. Quantization
[AFG+19, ZCK+02, Nic88]. Quantization-based [ZCK+02]. Quantized
[FKB17]. quartet [SPVvH03]. Quasi [AB05, Nik04]. Quasi-perfect [AB05],
quasi-threshold [Nik04]. Quasirandom [Bro96, CJ07]. queens [AY89].
queries [BBCQ13, CI86, LSZZ15, LKB+15, PAG+18, RHL08, SSKS11].
Query [AyJ93, CS95b, DM92, HASB16, KB90, CHLL18, GB11, JHL+18,
KSI04, KKN13, LZWZ19, LL18, MSAS10, SCCL10, SJG19, WL10, ZHT16].
Querying [TT10, DTK11b]. Queue [BTJ98, CLT96, Jol94, R092, Che90, CP04b,
ESGQ+11, ACYS08]. queued [PY09a]. Queuing [dG91, HM06, KS03, MGMRK14]. Queues
[BM97, BCLR96, Kop97, PD92, San98, ACH18, FC90, ST05]. Quicksort
[BX93, CV91]. Quiescent [MRRT07]. Quorum [NM02]. Quorum-Based
[NM02]. quorums [BJPPM+08].

R [Ano92a, BG90a, KKN13, LMY+11, TR16, ZFS07]. R-GMA [ZFS07].
[HZL18]. radiation [KVN17]. RADIC [CLMRL15]. radii [OMSGNSG05].
Radio [CGKK97, CDB04, CCS06, FCZ+12, GPT06a, GDCCC18, GD+11,
KK06, MKC+09, RFS+12, Sza10]. Radio-wave [CDB04]. Radiosity
[SHT+95, YIY97].

Radix
[BVB02, BDKM94, LJKS02, MG09, MRT18, VAS+13]. Radix-
[BVB02, BDKM94]. radix-4 [MRT18]. RAFT [MYD+11]. RAID
[CT93, TTH12]. railing [PKW+10]. Raking [BCZ95]. Ramos [DBLB+12].
Ranch [LMP10]. Random [Ah97, BA01a, BBS13, PK89, SR97a, SR97b,
SLP+98, SSS97, AGMS16, BBFN12, BCK+13, DJH11, KCP19, Li06b, Li10,
Pet18, SMP15, SCMS12, SKK91]. randomization [CJ07, FII04].
Randomized
[AFM09, BDF01, CDCD05, HBJ98, HT06, LW06b, MVM04,
RR95a, Raj96, San98, Vis07, Bad04, CKC19, DJT03, SK05b]. Randomly
[SS96]. Range
[SIR92, GB11, KKN13, LHWJ19, LZWZ19, MKM16,
PARB14, TDC05, YWAT13]. range-free [MKM16]. ranges
[CHCG18, CYZ06]. Ranking [SGS99, AAD03, Vis87]. Rapid
[PRHB06, CL85, XSYG18]. rapidly [L10]. rare [BV13]. raster [Wri91].
Rate
[M097, OJP+18, RGS00, ÜD96, AGWY+11, GA18, Hu11, KHK18,
MAHKZ12, SCW+18]. Rate-based [OJP+18]. Ratio [MO97]. Rational
[GM95, KM88]. Ray [RGS00, CDB04, CS17]. Ray-Tracing
[RGZ00, CDB04]. Raynal [Ano96]. RBF [TYD+19]. RC [VV90]. RCC
[HH97]. RCC-Full [HH97]. rCUDA [RS19]. Re
[FVCL05, LMJC11, PRHB06, RCG18, WXMZ19]. re-authentication
[LMJC11]. re-encryption [WXMZ19]. re-engineering [PRHB06].
re-optimization [RCH18]. Reachability [CCM01]. reaction [XLHT13].
Reactivation [CW93]. Reactive
[DL00, OOSG+16, HPT07, NPGV10].
Reactor [KKS08]. Read [IRRS16, AM12b, CH06a, CG10, GNS09, IR12]. read-dominated [AM12b]. read-modify-write [CH06a]. read-write [CG10]. Read/write [IRRS16, GNS09, IR12]. Reader [JBP00, HV09]. readers [FKKR16]. reads [SPRG+12]. Ready [JM00]. Real [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML+10, MMRS98, MMVR97, Moh97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, AOSM04, AOSM05, BW08, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, EDÖ05, FSP18, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JLWX11, JZZ+17, JHL+18, KKW17, LHK03, LZCY09, MLGD12, MAM05, MAKZW13, MVP17, NA06, QJ05, RLH03, SA19, SRB+19, TZH+06, TYD+19, WL05, XO05, ZZJ+18, ZHH15, ZB03, ZQMM11, ZHLQ12]. Real-Time [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, LTY96, LM96, MMRS98, MMVR97, Moh97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, Lee03, LML+10, AOSM04, AOSM05, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, EDÖ05, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JZZ+17, JHL+18, KKW17, LHK03, LZCY09, MLGD12, MAM05, MAKZW13, QJ05, RLH03, SA19, SRB+19, TZH+06, TYD+19, WL05, XO05, ZZJ+18, ZHH15, ZQMM11, ZHLQ12]. realistic [FTM+19, KNS06, SJS11]. Real-TimeTalk [EMP+96, rear [CXQ+18]. rear-end [CXQ+18]. rearrangeability [DD96]. Rearrangeable [CS93c, HIJDH01, FY86, Pak89]. Rearrangement [BVB02, GL92]. Reasoning [PS88, Ste95, eW95]. recall [BGBC+16]. reception [CKC19]. recipients [Ros07]. reciprocal [SL90]. reciprocity [HBF12]. Reclaiming [GMM00, MMVR97]. reclamation [HMBW07]. Recognition [BMRC99, RGU08, SP96, WPKKN9, CNLGLR18, CWZ+18, CLXX19, LQ91, PD05, RK18, SZR+18]. recommendation [COF+17, LMXJ18, WTY+18]. recommendations [WZH+19]. recommender [HWL18, ZLJ+19]. reconfigurability [ZXYO11]. Reconfigurable [AT94, BAGS95, BSDE96, BBR94, BM97, BA95, BGOS95, COS+95, CGG+09, DS01, EL97, EH01b, FZVT02, HQPT99, HCWS94, JP95, JS94, JB98, KF90a, LS95, LPZ99, LR93, MD01, MG93, MT97b, NAK95, NS94, ORWT+18, OS96a, TVS97, TBPV00, WHT00, dR09, AM13, AHA+16, BM04a, BPP05, CDJ+89, DS04a, FX06, HZL18, HPSM91, LA17, Mat06, MP08, PPP14, PVG09, SB91, SL98, TRSS06, TJCP10, WJD91]. Reconfiguration [CGA98, QMCL94, UR94, YTHR94, BAPRS91, DMG18, DLBL+12, HBS17, JWSG14, LBMG15, LHX+16, PSPR05, ZBW+17]. Reconstructing [BDG+15, OOW95]. reconstruction [BDRB14, FCG04, FGG08, HES10, KM03, OGRV+12]. reconstructions [SHT+08]. recoverable [ZSCX18]. Recovery [CP01, FCF00, JF95, LY10, LS01, MFS93, BG05, DWG03, MM04, MM06, MS02, PGS06, TTH12, ZBY+15]. rectangle [Deh90, LV88]. rectangles
reordering [LMGLGLG17]. Repartitioning
[MNM98, PP96, SKK97, CBD+09]. repeated [JTC+18]. Replacement
[CKL99, BV13, YCC05]. Replay [ZN01, NRM+09]. Replica
[RAB08, GM14b, JXZ+19, WLL08]. Replicable [AMM+18]. Replicas
[HJD+01, TR16, ZWS09]. Replicated
[JSM94, LO96, RJKL11, STA12, ASB18]. Replication
[CA95a, JRR99, Li99, MD13, ARDQ18, BCC+18, DS04b, KA08, KR12, LA04, MB19, SZ09, WW12, WW17b, ZWL03]. replication-based
[WWW17b]. replications [ZV14]. Report [FCO90, SAB+92, Kum17].
repositories [KUA07, VLG+18]. Representation
[CJ99a, TLW94, CJY04, EHS94, JZ05, VOF90, WR09]. Requesting
[BD96]. representing [BR91a, NAK04]. reproducible
[PK05c]. Reproducing [CMP+18]. reprogrammable [LLY15].
reprogramming [MAGL13, ZTGL17]. Reputation [HBC15, LS10, SL06].
reputation-driven [LS10]. request [XHY07, ZV14]. requesting [XO05].
Requests [TSC01, BPRG04]. require [AF17]. Requirement
[DGD98, HV13, WW18a]. Requirement-aware [HV13]. Requirements
[CKPP16, DÖ06, MVM04]. rerouting [JWSG14]. rescue [WFA+18].
Research [Ano01-34, GLW14, Kum17]. Resilience [RMGM19, WX05].
resilient [DFHH13, LAGK07, TKKH17]. resistive [ZPK+14]. resizable [SR16]. resizing [CPLY18]. Resolution
[YB95, GOH+13, GE85, LJ05]. Resolving [LKK94, Zha11]. resonance
[CCN06]. Resource
[AB84, BVGV14, BMF05, BSH15, BKK+11, CCK00, GM00, ISA10, KM17, MMVR97, NBTN91, OM84, RDS02, RSN01, SM94, SXMK13, SSV10, YTO5, ZAB18, ZIO8, ALH+09, AB03a, AB05, AKSM08, AAA+10, ADD17, ATZ07, AS19, BMB+08, BSM08, BSS+13, CCA18, CDS01, CRH11, CKMP17, DW12, ESCV15, Fu10, HSSL04, HHK15, JAB12, JK89, JHF+17, KBC19, LCC+05, LCRIb, LL10, LL12a, LS10, MAP14, MZZC12, MCZ14, NF16, OJP+18, RCG+11, RKK06, RLH03, SSM+16, SNCP12, Sh09, SSM08, SCMS12, TFMS15, TKX+13, VD18, VMM10, XL11, ZLL14]. resource-constrained [VMM10]. Resource-efficient [SZMK13].
Resources
[HS04b, ASKO16, AM06, AM07, AM11, CFI+18, HRK+19, LKM12, LZI+11, LDP+14, NK11, NSD18, NAK04, SSM+06, SSM+07, YZS15]. respectable [GHK+12]. Response [TPS+18, DHH04, HPB+10, VA07].
Restart [LACJ18, NC13]. restarts [GK15]. restoration [UAPM07].
Restricted [Fra92, MSSE02, BS03, BBM08, DeG88, JZF+15]. Restrictions
[Li92]. result [Lo04]. resultants [Ene13]. Results
[IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].
Rethink [WW18a]. Retraction [PCX+14]. Retrieval
[AA93, CLV95, KTP17, KV88, Lon04, SWW+17]. REU [Hua17]. Reuse
[BC11, CCH09, DSEP17, DMT+19, DK04]. revealing [AF17]. Reversal
[NTA96, Ede91]. reversals [BS03]. Reverse [LP97, JXW06, NM+14].
review [ZGJ+18]. Reviewer
[Ano08, Ano09, Ano10b, Ano11k, Ano12n, Ano14g, Ano15k]. reviewers
[Gra10a, KL08a]. revised [KP17]. revisit [LLS07]. revisited
[DJ16, GDF08, GXY+13]. Revisiting [MR09, SPH13]. Reward
[SM92a, CMT92]. rewarding [CFI+18]. RF [UM17]. RFID
[CRK+09, CL09]. rhombic [Wil90]. Riccati [MV94]. Rigid
[LP97, JXW06, NMR+14]. rising [ORR+13]. risk [FGL+11, PVRS17, WHW+19]. RMF [YT05]. RMI
[CK+08]. RNS [PH+16]. road [IB04, SWLZ17]. roadway [XCLR07]. Robin
[CMS04]. robot [IH+17]. robots [PMHM19, ZBW+17]. Robust
[BSS+13, KRS15, PVP18, SM+17, AKM08, BBQ+13, BAT+19,
GA90, LDS+16, LZY+18, MSF+13, SM+16, SNCP12, TZH+06]. robustness
[CKWT17, Par05, SSM08, TdAR18]. Roe [dAMCFN12]. Role
[Cha95, Won99, BCD+15]. Role-Based [Won99]. Rollback
[CF95, AAFV04]. Rollbacks [SS93]. roofline [KC17, NSKN17]. root
[EL91, LXW+11]. Rosenberg [Ano00d]. Rosenfeld [Ano04r]. ROSS
[CBP02]. Rotation [HC95, HBH93, Ara90, EL88]. Round [CMS04]. route
[CDCD05, LPX05a]. Routed
[FF98, NSSS99, RMJ+95, RMG+95, XUN+92, WSW04, SAOKM03, WCC+12].
Router [DRSB01, PIB+01, MBR08, MY+11, XYA+08, CCQ+06].
Routers [CP01, CP04b, ZCF+17]. routine [IBP08]. Routing
[ASH+11, AZ01, AaJS01, BLPV95, BPW+96, BP98, BA97, BA01a, BW95b,
BDF01, BN03, CRV+94, CL93, CW01, CS10, CL96, CC94, CLT96, CCR94,
CS93c, CDF01, CG02, Dol97, DG94, EL97, G001, GHK98, GO95, GT97,
HCWS94, HJJ+91, IM00, JR92, KLL+98, LS94, LTY96, LT96, Li92,
LM95, LW95, LEB98, MS00, MS94, MW95, MR03, MJ94, NSSS99, NS95,
OM90, PRW94, Par96, PA97, PA01, PL93, RS94, RS96b, RH05, RO92,
RR95a, RW97, SJ95, SJ96, SB02, SSB92, TBVP00, WLY01, Wan96, WN94,
WLD00, YBOY97, PRP09, AA14, AA16, AD10, ABF+14, BSW07, BOY10,
BFVB19, BR91b, BPA06, C03, CL03a, CC14, CS06b, CS08, CHCG18,
CDDO5, CMN12, CAF+11, CL90, DMB+03, DJJ+19, DJH11, DBW+18,
EB09, GYH10, GDL+11, GAGP03, GD06, GTGLS12]. routing
[HNSA07, Hu11, HL07, HJLR12, JLB05, JXW11, KSI04, KLP10, KSK15,
KMF+05, KO90, KT91, KNS06, LPX05a, LS03, LTL12, LAGK07, LY+13,
LH05, LLDL15, MCD+06, MPS16, MBR08, MVM04, MSAZ0a, MSAZ10b,
MSEM+19, NJ91, OS04, OSL05, OM10, RD05, RFS+B, RB12, RHL08, SW12, Sch13, SLWW05, SWLZ17, SK05b, SJS11, TC04, TCHC12, TT07, VA03, WT608, WGS08, WW12, WCL+B, WHC+B, WWA, XH03, YME06, YMLP14, Z, ZV06, ZMC06, ZW11, ALF03. Routings [WK97], row [Mat06], row/column [Mat06], rows [ST87]. RPC [BF97, VD04, WSG91]. RRAM [TOR+14]. RRAM-based [TOR+14].

rRNA [ZFWF96].


SAUCE [HSS17].

S-Nets [BPJG92]. S-Nets [BPJG92]. SABA [ZVL15].

sacrificing [FKKR16]. Safe [FM99a, MS98, CDD+B, 15, HV09].


Save [FKLB08]. Saving [DKY01, SSG13]. Sawchuk [Ane93e]. SBCI [AS19]. Scala [GKK+B, 13].

Scalability [AFT+B, 00, BCV94, BP01, DVW94, KS91, KG94, MR94a, PTK+B, 13, QZ94, SRRV94, Sun02, ZYH94, ZFS07, dSS11, CLG+B, 16, CSW08, CP01b, GA16, KR06, LdPLC+B, 19, NSKN17, QGZP17, RM10, YO97].

Scalable [AS13, AS15, AY97, BM17b, BMRC99, CSW03, CSSY94, CSMML10, CAB94, CLV95, CBdCD00, Cons93, DA97, DD93, DKRC+B, 15, DM04, DSW94, DFRU99, DSD+B, 97, DT92, DM94, FR96b, FPS12, GH02, HA92, JJ12, KA03, KP00, KH12, KC94, KGV94, LZ02, Li01, LWP02, NKC+B, 97, NRM+B, 09, NPY+B, 97, PA94, PGP+B, 12, Prs93, QGB+B, 17, RBA+B, 18, SMH94, SN93, Sun02, SFC17, TFMS15, TCS+B, 10, VLG+B, 18, WPKK94, WW96, XKMN94, ZMP00, ZB09, ZXR18, ZLS17, AKDMN15, ACPT15, ADDB18, BGM+B, 08, CGL+B, 14, CS08, CAIL, CIL, D95, DKKV15, DS04a, FPS11, GZ08, GM13, GRZ+B, 18, GREC91, HSY10, HWCO8, KHT+B, 14, KCFP18, LHK03, LGRV19, LRP+B, LC07, LB09, M08a, MVP17, NKK16, ND12, RBOH+B, 18, RSK19, SSTP09, T16, TCHC12, WJ07, WCEA10, XCSL03, XJS03, YQTV12, SLG+B, 18].

Scalar [VH93, SKH15, Sol13]. scalar/vector [Sol13]. ScalaTrace [NRM+B, 09]. Scale [ABDS02, BMCP98, FZVT02, GK93, HHH94, KL84, LK98, MYM10, OK01, RHM94, VN93, AFG+B, 19, ACCP12, BM16, BMB+B, 08, BCC+B, BMF05, CC16, CLOL17, DB11, DBCF13, DLV+B, 12, IEW17, KESA07, KSSL16, KBC+B, 10, LGZ+B, 10, LYL08, LZY11, Luc18, LWCG14,
MBMC19, MRJ+19, NAB+11, PB19, PTZ06, RW02, SFT+13, VM03, WCWO17, WLNL06, WBRT13, XY07, YZW+15, ZV09a, ZVL11.

Scale-free [MYM10]. Scaleable [BMRC98]. scaled [KNHH18]. scaler [VD18]. scales [PLK+18]. Scaling [CVK+18a, SSS07, TBPV00, YFS+15, FKL08, FZ14, MBR19, Num07, VD18, YÖ11]. Scan [KB96b, PD19].

scanners [CCN06]. scatter [BM04b, LMR05, dSAJ15]. scatter-based [dSAJ15]. scattering [DB86, LPLFMC+12]. scatternet [SLWW05]. SCC [LTG14]. SCCDN [SLW10]. scenario [DBW+18a, SSS07, TBPV00, YFS+15, FKL08, FZ14, MBR19, Num07, VD18, YÖ11]. Scan [KB96b, PD19].

scheduling [BKMT14, BH05, Cal06, CG11, CG12, CHLL18, CRJ10a, CRJ10b, CGW+03, CRA+08, CMR10, CDR12, CJY04, DBA+18, DBC03, DK05, DP16, DUWS6, DRR13, DJT03, EHL+15, FA07, FW05, FPF14, FCJG+18, GPD08, GYAB11, GVBB13, GK15, GMVRGS16, GFCPC14, GP05, HSH10, HDJ08, HV13, JLY12, JHF+17, JBS14, JTCC+18, KHN17, KA03, KVA18, KYS13, KKK11a, KM17, KUA07, KVHS+07, KV10, Kim17, KNHH18, KK10, KSSK16, KDH08, KBC+10, KMP+06, KA05, LDZ+14, LDZ+17, LHK03, LWWZ12, LC90a, Li05, Li06a, Li06b, LL07, LQM+12, LW16a, Li16, LNAL17, LBT19, LML+10, LSC+15, LYW+16, LPX05b, Lo92, MGSG12, MLDG12, MSV19, Mar88, MCAS12, MMK+11, MAHKZ12, MS68, MAR05, NSAS10, NHO+13, ND12, OA10, OPRI8, ORR03, PY09a, PK05a, PW17, PDB13, QJ05, QSL+08, QGL+09, RBA+18, SSFP11, SPC+17, SJB12, SMO14, SV08, SP13].

scheduling [SLG06, SCJ+08, SWP90, SS18, STK11, SZL10, SR16, SHC14, TLL10, TLV10, TLQS12, TDB13, TG03, TXLL14, TDP15, Tsa07, UM17, VD04, VMMB10, VB08, VS16, WJDD1, WA03, WL05, WL10, WBRT13, gWW18, XQ07, XLL15, XLLT13, YWG15, ZV06, ZVL15, ZTFK16, ZY12, ZV09b, ZS13, ZQMM11, ZHQL12, ZLMC14, doCS14, FZWL12]. schema [TMK+17].

Schemas [Arb89, BG90a]. Schema [BDF01, FY96, JB93, KK98a, LO96, MYD95, OS96a, Wu94, YD98, AOSM05, AK18, BBS13, CWLD05, CXQ+18, DBW+18, EL88, ESGQ+11, GPJA10,
GMXA07, HC09, HOVC09, KVHS07, KHK18, Kol19, KRL87, LTBO2, LHF91, LAK10, LHX+16, LMJC11, LWH+19, LSZZ15, LLDL15, NC09, RS08, SNC12, SZ09, SMKM04, TDC05, TC13, TCHC12, WL04, WW12, WXMZ19, WZY+19, WW04, XYDL06, XLHT13, YGZ+10, YJL16, YAA10, YC12, ZCMI12, ZSCX18, ZWWX16, ZBR11. Schemes
[yCM98, FM99b, GG01, LL95, LS01, SKK97, WRC+02, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDMC11, HSMB91, JWSG14, MM06, SHSH17, TW89]. Schmidt [ZLRP91]. science [APV18, BKK+11]. Scientific [CCRS92, DUSH94, FMW+94, GT02, HS94b, KBC+01, AOS+05, AE88, BCD+15, CXY14, EFG+14, NTC03, PB19, RMGM19, VM03, WHW+17, YYLC11, ZKZF18]. SCO [WTS03]. SCP [VB08]. SCP-based [VB08]. screening [AT03]. Scripting [WXZ+18, LMY+11]. Scrolling [Tay05]. SCSI [HZY04]. SCSI-to-IP [HZY04]. SCTP [ZPI06]. sculpture [WTS03]. SCP [VB08]. SDI [ZWW17]. Seamless [HR00, ORWT+18]. Search [BOSW94, BS00, BCP98, BSH15, CDRC99, Cza13, DM95, DMR2, EHMN95, Fen90, LYS02, SIR92, AOS+05, AMP+18, BNP02, BP89, Can18, CTT16, CCL594, CSW+17, ES12, GHY10, GJXZ05, KA05, LSS+11a, LSS+11b, MSM09, MB13, PRHB06, Par89, PSC+16, PSV15, PVGG06, RM10, RM11, ROB+18, RHL08, SP08, Sch13, SHLN09, SJG19, TAm18, WGC09, WWA+18, YF09, Zep91, ZCS+18, ZH07, CB11]. searchable [WCCH18]. Searching [NBP98, NSM98, SH97, SGAC14, BA06, KIH15, LLWW12, Sc89a]. secondary [BLZ+18]. secret [LWH+19, YHT+19]. Section [Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, EAB+19, PRN+19, ZHT16, ZBR11, BK18, GTGLSA12, ZZ+17, KTP17, LAK10, LZWZ19, LLW12, REK10a, REK10b, SSX14, SIE16, WXMX19, WCCH18, ZSCX18]. Securing [SL06]. Security [FCJG+18, SXZ06, BAK+03, DZC17, GSASA19, LZZ10, LCM+06, NZY+11, OM10, SFEF06, TODQ18, TKG+17, VA03, WLK+19, XQ07, ZVL15, ZAA17, ZZJ+18]. security-aware [ZVL15]. security-sensitive [ZZJ+18]. sediment [CvdBL+08]. SeeMore [LMB+17]. Segment [MYYY17]. Segmentation [KC99b, MG98, KYS13, MGG03, RK18]. Segmenting [TVT96]. Segments [RR95b, GC07, Lop18, SWL17]. Seidel [HO94]. seismic [KSSL16].
Selected [Ben15]. Selecting [NGQM12, SSG93, KERUM04]. Selection [JK00, LK96, PT01, Ra96, RW97, RCY97, RAj01, SH97, SB02, VS99, WSA+94, WRC+02, Bad04, CKML12, DMI+19, ED05, GM14b, JXZ+19, KHN17, LZY+18, LC1+18, LGK+12, MHLZ16, RH05, RAB08, RD05, RTZ11, SSS88, WLST16, CTC11]. selection-based [ED05]. selections [JW89]. selective [SSGG18, XYG07]. selectivity [CTT16, GO016]. selectivity-driven [CTT16]. Self
[Ano02u, AS96, ABZ95, BGJL02, Bec96, BBCD02, BAGS95, BPPR11, CDD+15, CW05, CT04, DB08, Dol97, DPBNT12, FZ14, GH02, G03b,
self-adapting [WRW13]. self-adaptive [LHX+16, PPTV+10].


sensors [AKBD10, AD10, BFKP04, Cal06, CJDC10, DWX10, REZN17].
sensory [HRM17]. sentiment [XLW+18]. separable [MRT18]. separating
[HS10]. Sequence
[JP09, Zak01, AFM03, BBM08, BCF14, BW09, BFKW13, BMARW07,
DKKV15, FCS91, JV09, PTZ06, SPRG+12, SM10, SRT+18, TMM06].
Sequence-preserving [JP09]. sequencer [BCM06]. sequencer-based
[BCM06]. sequencers [CHC05]. Sequences
[Swa98, TR96, BNNR16, CJ07, LV07, SK09, Sei05]. sequencing [CRL04].
Sequential [KF95b, LVW+18, BFTV87, Fen90, SBC¸12b, SLKK13, ZXB14].
sequentially [HK08]. Serial
[EMMM94, MT97b, BOI91, CR91, CL90, SD88a, SI91]. serial-data [SD88a].
Serializable [Sch91]. serializing [HHS12]. Series
[CA95a, LLB+18]. Series-Parallel [CA95a]. Server
[ALL99, AYI97, CM92, HBCM99, JSCB95, RU99, H09, JTZZ11, OS04, PM05,
TBZB05, WZX+19, WLW09, WSLC11, WLZ+18, ZVL11, ZCS+18, ZL08]. server-side
[ZVL11]. Servers
[FM99b, AAA+10, Bar05, BPRG04, CSWD03, DLW+12, KCD08, LY12,
LYW+16, MZCC12, PSPR05, Wan06, WDDK09, ZWL03]. Service
[BK18, CTT08, JR999, LAZC00, NCRK19, RGV00, ABF+14, BYT19,
CCA18, DB08, FZ14, HOE+09, JM14, KMMZ06, KKKP12, LNA12, LC07,
LZN19, LB18, MHLZ16, MXSL12, MCZ14, NP09, PY09b, RA11, SB12,
SEF06, SMB10, SSV10, TR16, TKR+19, WMY+17, WTY+18, WWY+18,
WZL+19, WS06, Yan09, YHH18a, YHH18b, ZL08]. service-aggregate
[Yan09]. service-based [YHHY18a, YHHY18b]. Service-oriented
[CTT08, SEF06, WWY+18]. Services
[ZR00, AFG+19, AK06, AM07, KSSK16, LCC+05, LWZ12, LMXJ18,
LZN19, MCP+18, SCW+18, Suk18, XJS03, YWD08, YAK15]. session
[LAK10, MZZC12]. sessions [FSP18, TK07]. Set
[Als01, BCD95, DM92, HCR12, KF95a, KSA95, KS96, RDL95, AFD+11,
AP16, BD05, BYG+18, CC87, DW06, Gro85, HES10, HJ07, HMDM11, JPD17,
Lon04, MHLZ16, Nic07, SZW05, WCWH03, WCKD06, YSS11, ASST05].
Set-Based [BCD95]. set-distributions [Nic07]. Sets
[AAP01, CGL+95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14,
Lon04, MP08, PK07, SW18, SHC14, YWW12, dOCS14]. setting
[Li19, WLK+19]. Several [CP92, MCAS12]. shader [PYP+10]. SHadoop
[GYY+14]. ShadowObjects [JRR99]. shallow [CvdBL+08, dAMCFN12].
shape [KSJC17, NCA+12]. share [KNHH18, PVGG06]. share-nothing
[PVGG06]. Shared
[AGW98, AGW01, AD95, BS96a, BS03, CP91, DS95a, DH95, GDN+98,
HV95, HS00, HPT02, HTL99, HA92, JF95, JHF+17, KRC00, KS97a, Kel00,
KC94, KY96, LK98, LA93, LT94, Lu01, MF94, MS98, MG91, MSST99, PY96,
RL96, RJY96, SDB99, SC91b, TJ92, TTG95, TY95, Wi12, WY91, YMR93,
YL98, Zak01, AL04, AAC10, BC06, CCA18, Car95, CCM+06, CDAN14,
DML+19, DZ91, EKNS17, FZC+05, IRRS16, KKR14, KL10, KMS10,
LZI+11, LHT08, MSV19, NSTN91, OC07, Pad91, PY09b, PK05b, RFPAG08,
SB15, SAJ13, SS17, SM04, TGPUC16, TK07, WL92, ZLWL12. shared-coin [AAC10]. Shared-Memory [BS96a, CP91, DS95a, HA92, KS97a, MK98, MF94, MG91, SDD99, TGG95, YW91, YL98, Zak01, BC06, DF91, FZC+05, KKR14, KMS10, MSV19, NSTN91, PK05b, RFPA08]. Shared-Nothing [LT94]. Shared-Noting [HTL99]. Shared-Nothing [SBL94]. Shear [SSM89]. Shear-sort [SSM89]. shelf [PF08, ZB09]. Shield [SSX14]. shielded [CWCW18]. Shifts [OP96]. shop [Boz09, DBA+18]. Short [ESTA94, KLC05, LHWJ19, MBS+12, PARB14]. short-range [LHWJ19, PARB14]. shortest-path [KS91, YME06]. Simulated [RSD94, SSRV94]. Simulating [RSD94, SSRV94]. Simulations [ASR93, Ger98, GM94b, HP95, KP00, LHM95, NM95, PAH+98, RPS93, AM12a, DB11, FC14, FI04, LTL06, LHJ19, SDG08, SM04, VBDRC13].
simulative [HW03]. simulator [CZPP16, dOCS14]. Simultaneous [CW93, ABC+09a, BPRG04, Che90, FC90, LY10, MR09, PTZ06, SLM06, WIR+18].
Singhal [Ano96]. Single [ALL99, HLBM16, JBP00, MVL00, TZ00, KNNH18, LPLFM+12, RFS+12, SFFP11, SPC+17, ZCS+18, PR13].
Single-Chip [PR13], single-hop [RFS+12]. single-ISA [KNNH18, SSFP11, SPC+17]. Single-Source [TZ00].
Size [COS+95, CLT96, AST12, ASC+18, CVJ90, EB13, GSWW04, JM14, LH09, LCI+18, NW88, OS04]. size-independent [EB13]. sizes [GPT06b, SMT15]. Caucasian [EB13].
SMP [Bev02, FGP05, KA03]. SMPs [BJ99, BC05, BJS03, FW05, HLC00]. SMT [ABC+09b]. SMT-based [ABC+09b]. Snap [BDP16, DNT010, ADD17, PV07, FGeF17, MT85]. Snap-stabilization [DDNT10]. Snap-stabilizing [BDP16, ADD17, PV07]. snapshot [AEF11, IR12]. Snap-shots [Mat93, AST12, KS13]. Snooping [Dah99].
SOAP [ASKTZ13]. SoC [BLMB13, RBG17, ZAA17]. social [CMMN10, CLXX91, MPS16, RGAN18, SHK19, SK89b, WXMI9, WBRT13, WHW+19]. Socially [LGM18]. Socially-conforming [LGM18]. Societies [SA19]. socket [MAJ05]. SoCs [LZI+11]. soft [AOSM05, BGBC+16].
Software [AL99, CR96, CHR94, CLRW00, GKK+13, GS00, Gro85, HS94b, KCDZ95, Kel00, KB01, KS95, MLC+90, MG91, NT90, SG99, San95, SZ00a, TY90a, VSM96, XLMN94, ABC+09a, CV16, CMT92, DP16, DSS06, GS18, Kol19, KG04, LZSL06, LKD14, NHO+13, RMGM19, RSCQ17, SCC+06, SMH91, ZMJ17]. Software-Controlled [KCDZ95, NHO+13]. Software-Only [GS00]. Solaris [Lun99].
solid [GFPC14]. solid-state [GFPC14]. Solution [DM90a, FLS+97, LF92, OH02, PW96, RW01, AY89, ANP07, Bat05, DP16, GA18, GS91b, HC11, KKR14, LLY08, LW8W19, LFGM17, WZ91, YS11, ZAAB17]. Solutions [Ano99g, BCMV15, CLRW00, RS96b, AG86, BAH04, LZ08, OT19, TKG+17].

Solver
[BMM97, CASSY94, FKB17, ADV14, BAMM05, CVK+14a, CP10b, CK01, Dav17, GV86, Gao86, KKB+06, LPLFM+12, MP87, PP13, PPTV+10].

Solvers [CHR94, CP94, MS99a, TF01, HFL+15, KR06, SHA17].

Solving
[BK95, Bo09, BCMV98, BSH15, Car90, CRFS94, GL92, IK94, JGMY17, KLo1a, KBC+01, Men18, Mon94, PMV05, PDB13, QOvdG01, WFL92, WLR90, WH97, BW18, CM913, CM03, CASD18, GGR89, GT04, Kub17, LWR+03, MRT18, PP91, Ter16, WLL16, WRW13, dCPD19]. Some
[BDKM94, DKL90, KAM94, Oru94, Par98, RTZ11, SI86, SZ03, ZHO03, AG86, BS03, BDjQ86, MS15].

SoMR [CS08]. Song [Ano97k].

Sophia [GTGLSA12].

sort [LSK97]. Sort [SH97].

Sort-Last [Tay02].

sorted [SH97].

sorters [BNP98].

Sorting
[AB95, CQ95, DL98, FKK+04, FY96, HQPT99, HBJ98, JP95, Lee94, Lin93a, MP93, NS94, OS99a, RV97, SCC92, SS92, SM00, VN93, WRC+02, Che99, FCS91, KR11, MS88, PB90, SS99, Sei05, SA08, TW15, Ull84, ZFL09].

Sorting Last [SH97].

Sort-Last [Tay02].

SP1 [BR95b].

Space [BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, LZ02, NC97, PPSV15, RP98, SDS+18, SH98, WA02, WS97a, AD12, Ara13, ACFK07, BMB08, BW18, CKK+13, Dja04, HV09, KA05, LLKY13, MSM09, ST12, SZB16, MSS00, YQTV12].

Space-Based [LZ02].

Space-Efficiency [GG01].

Space-efficient [PPSV15, Ara13].

space-optimal [Dja04].

space-optimality [BB95, BB93, DY99, GL92, GRS97, KM97, KY96, LZ02, NC97, PPSV15, RP98, SDS+18, SH98, WA02, WS97a, AD12, Ara13, ACFK07, BMB08, BW18, CKK+13, Dja04, HV09, KA05, LLKY13, MSM09, ST12, SZB16, MSS00, YQTV12].

Spatial-Space [LZ02].

Space-Time [WA02].

Spatial-Space [LZ02].

space-time [LZ02].

Space-Time [WA02].

Spaces [RS92a, LdPLC+19].

Spanners [RL95].

Sparses [GS93, NPY+97, CCHC09, CRWX12, JF12, MLG05, NA04, TR16, TYD+19, WCF14].

Spatial-Temporal [GSG93, CRWX12].

Spatially [DS02, Rao16, BSC12a].

Spatially-explicit [Rao16].

SPEAR
[RG06].

Special [AP93, AL99, AB03b, AS13, Ano95i, Ano95j, Ano96j, Ano96i, Ano97j, Ano99g, Ano01e, Ano02v, BOP06, BD00, BS09, BS11, Chi92, CDJL09, CDJL11, DOP98, Dak00, DB18, DT92, ES97, FT+14, FR98, FPS11, FPS12, GC95, GMSS+11, GS01a, Gra09, Irw88, IB04, JW94, KL08b, KRS13, KRS14, KRS01, Lan09, Lz11, Las12, Lin93b, LK10,
MSGS+13, Mir91, MNK12, NT90, Ola01, PN97a, PN97b, PA96, QGB+17, RLA+16, RLA+17, RaJ08, Sch90, SLL18, SXZ06, SH92a, SB97, Sto90, SFC17, TH11, TFV+15, TFV19, BG90b, TY95, Wec01, XMMD17, XJS03, YW91, ZO97, dVCP06, Cuz11, Gra10a, KL08a, LK11, MKN14, PRS14, WW03]. Specialized [QOvdG01]. Speciating [GB06]. Specific [KRS13, KRS14, PP92, SK93, MRS+14, RMGM19, SS94b]. Specification [AS00, BR95a, BN94, DB90, BFL+13, LSCA93, BCM06]. specify [LS19]. Spectral [SANY94, SSB98, AT03, FCZ+12, GDCC18]. spectral-screening [AT03]. spectrum [FCZ+12, GDC18]. Speculation [AC16, FKKR16]. Speculative [RG06, MG09]. Speed [BBH+97, Fer95, Li16, Li19, PVG09, SR91, WCYR08, HP97a]. Speedup [AMB95, DBP94, FFK97, Lun99, SN93, YH07, NW88, SC91a]. speeds [LFS16]. Spurious [LKK94, MB19, TY90a]. spots [LK90]. Spreading [MBMC19, LpJS+18, ZXGD18]. square [BB85b, EL91, LTW+90, XBK07]. squared [RIZ90]. Squares [CB95, ZYO02, BBd90, HLS03, KAP90, LTW+90, SMKL93]. Squashed [BG90a]. Squid [SP08]. SR [DYL+12, GRJ+15]. SR-IOV [DYL+12]. SRAM [JP09, WCF14]. SRAM-based [JP09]. SS [CLOL17]. st [BCM15]. st-connectivity [BCM15]. Stability [Wor93, KMS07, LW+11, WCF14]. Stabilization [CG02, GH02, HPT02, NA02, ADDP19, DDNT10]. Stabilization-Preserving [NA02]. Stabilizer [AD02]. Stabilizing [Ano02u, AS96, BGJDL02, BBCD02, DGD10, Do97, GH96, HN02, KY92, Kar02, NM02, AFNT17, ADD17, BFG+03, BBS13, BPPR11, BBD18, BDP16, CDDL10, CDD+15, CW05, CKA13, DLV11, DB08, DJ16, DPBNT12, GiK01, GiS03b, J14, Kar19, MM07a, PV07, Tur12]. stable [AMK+07, SKK14, SLW10]. Stack [PVGG06, CS06b, HSY10]. stackable [SSX14]. stacked [TLL+18]. Stackelberg [JTC+18]. stacks [ACH18]. Stage [FT94, ZSO0b, CC14, HDJ08]. staging [EDO05]. Staircase [Mck94]. stalling [BHPP05]. Standard [CB99, PF08]. Star [FA95, KAM94, Lat95, LK94, MJ94, OS97, OS93, PRW94, RW97, RWY93, RLS96, SAOKMA02, dBL95, AAD03, CM03, DFP06a, FMM+08, PK04b, SS05, WCC02, SRT+18]. star-access [DFP06a]. Star-Connected [dBL95]. Stardust [CP97]. Stars [MR03, WCWH03]. starvation [LASS15]. starvation-free [LASS15]. stash [YPCW16]. State [FBB17, HB97, HN02, KM92, LSH+13, NC97, PSC+16, ASK016, ASB18, AD12, CWL05, GOO16, GFC14, KA05, LMR05].
State-of-the-art [PSC+16, WCO+09]. State-Space [NC97, MSM09]. State [AMB95, DR95, ALS91]. Statements [KHS96, SOG94]. States [Kop97, TG97, FZ90]. Static
[AKSM08, BPN90, BSMH08, CC91, ERA95, GF89, KKK+11b, LC90a, LK94, LA04, MSd+95, OD95b, SSM+06, YMLP14, BSS+13, DK08, KA08, KMS+06, MCD89, PC11, SSM08, SWP90, SSM+07, ZXY01]. Statically [LB90, Mat06]. Station [GPT06a, RBD08]. Stations [DKMV01, DDNS06]. Statistical [CMPS18]. Statistically [SLZ+19]. Statistics [GA90]. Statuses [MB19]. Steady [LMR05]. steady-state [LMR05]. States [Kop97, TG97, FZ90]. Static [LSH+13]. State-based [LSH+13]. State-Space [NC97, MSM09]. Static [LSH+13]. Static [LSH+13]. State-based [LSH+13].
Tam18, XLHT13, YL12, YC04, ZL+19]. structure-aware [HK05].
structure-based [XLHT13]. Structured [BE95, FBK98, KB01, Lun94, MRRV98, MNN98, WM92, CWLD05, CGKY12, CTT16, DAB+14, FJG06, FJKG08, GA90, GWH06, IKS87, MRJ+19, SZ09, SRI14, WXZ05].
structured-mesh [MRJ+19]. Structures
[Ano96j, ADM+94, CCRS92, DOP98, DRC90, Gup92, Bad99, Chao96, CK98, Hag97, HPT+97, HB98, MS99a, NBP98, Oru94, QM01, RSD94, SS93, SSRV94, WNA+94, WLR90, YMR93, AP91b, Bad94, BJ18, CB96, CCK+08, CHL18, CT94, D91, E915, G90a, H913, HA91, LW+18, LG919, LGR19, LPX05a, MCAS12, NTK17, PCM+17, PP13, PTK+13, ROE+18, SJVRVS19, TB90, TdAR18, WLCZ15, WM13, ZKZ18, ZLJ+19]. Structure
[Ano96j, ADM+94, CCRS92, DOP98, DRC90, Gup92, SIR92, ZM94a, AEY12, FC04, GZ08, HA05, LJ86, NCT+07, Zsa16]. stub [WSG91]. stubbing [WSG91].
structured-mesh [MRJ+19]. Structures
[Ano96j, ADM+94, CCRS92, DOP98, DRC90, Gup92, SIR92, ZM94a, AEY12, FC04, GZ08, HA05, LJ86, NCT+07, Zsa16]. stub [WSG91]. stubbing [WSG91].
summation [IHM05]. Summing [San02]. sums [HLS03]. Super [WLY01, PW17, SAOKZ05a, SAOKZ05b, SE15]. super-[SAOKZ05a, SAOKZ05b]. super-matrix [SE15]. super-pipeline [PW17].
[AL99, AH94, CP99, FBK98, KR97, KC99a, LTH97, LFH+03, MBL+92, NS97, PI95, RPS93, TF92, YFS+15, BAL05, CCQ+06, CCC+04, CCK+08, DRR13, GB11, HPB+10, Hsu17, JBY+05, Kim11, NSDZ18, PB19, RR05, RS19, S10, SK91, SAB+92, SRI14, TY90, TGPUC16, ZBL11, ZWRI07, LST+13].
supported [YPCW16]. Supporting
[HA06, Sto87, WLN06, BSW07, LSZ15, SKM04, ZTL17]. supportive [FCJG+18]. suppression [DZC17]. Surface [CWW+95, CY96, VBDRC13]. surrogate [UAPM07]. surveillance [NML+19, PLSM18, SMP17]. Survey
[BCH95a, GHKS98, CGC16, DAB+14, FEH+14, FMIF18, GM14b, GZ10, HLB16, HBC15, JHL+18, KWZ19, SCN12, SRI14, SHA17, TKG+17, Upa13,
WLK⁺19, ZAB18. Survivable [HWHH08]. susceptibility [DFST13]. suspect [XYG07]. sustainability [AK18]. sustainable [LS10]. sustained [RMHR17]. SVD [CL88, RS08, ZB97]. SW [RBG17]. swap [FPP⁺08]. Swapped [Par05, ZXP09]. Swarm [LdPLC⁺19, ZGJ⁺18, dCPD19]. Sweep [GGN93, DMFCFM03, GM14a, KMP⁺06, CMR10]. Switch [ASH⁺01, CRD12, OK01, PD92, CL00, LHKL03, WLWW09]. Switch-based [CRD12, LHKL03, WLWW09]. Switchable [SB84]. Switched [CCR94, CS93c, GGN93, LK96, WB01, EB09, KYL05, LWCG14, Nap90, PYF08]. Switches [KJ84, PL93, TF92, MG09, PY09a, PY09b, VAS⁺13]. Switching [DRSB01, GB09, Guo94, LYL93, OY00, ST02, BKCM17, BMIM07, CC14, KG10, LCL10, LWLD12, STKW12, ZPK⁺14]. Sybil [YXX13]. Symbol [OWK14]. Symbol-level [OWK14]. Symbolic [YI96, CJY04, WD18]. Symmetric [BJ99, DHB02, DZD201, HOE⁺09, HJ01, Kau94, Oro08, ABGV11, ADV14, BC05, BW08, BB55b, EM89, KA03, VGAB08]. Symmetrical [IM94, QY94]. Symmetry [Kel00, HT90, M03]. Symposium [OY13, Wee01, Res07, Sin03]. SYN [XCH08]. Synapse [Ram92]. Synchronization [ASB97, AGW98, ABP92, AH94, BA96, Cha95, CTC⁺10, FR92, GVA⁺08, JLLR97, MRV98, OK95, PB05, RL06, RSS99, The02, WUG99, XMN92, CRA⁺08, FZC⁺05, HMBW07, HA06, HLS12, HZDP12, LA06, PB09, TG04, Tnu16]. Synchronized [LNA12, JS86, XLL15]. Synchronizing [DKMV01]. Synchronous [BCV05, CS95c, GV94, NSLK99, OY00, SKR93, Sch91, Soh96, ARP18, ABB04, DQDF10, FW03, KVNV17, MCS14, MEMEMH17, PK05a, TGB⁺17, WTC08a, WTC08b]. synchronously [SP90]. synchrony [CB13]. Synthesis [HL01, Lis90, PP92, BYG⁺18, CKK⁺13, HDT⁺05, KKB⁺06, TdAR18, WD18]. Synthesize [HLJ98, DSEP17]. synthesized [MC17]. Synthesizes [Ram92]. Synthesizing [SL89, Che86]. Synthetic [Pop91, AAK⁺13]. Sysplex [NKC⁺97]. System [BK95, BBD⁺91, BA01a, Bov02, BMM97, BJK⁺06, CP92, CP99, DHR96, DSD⁺07, DH95, DT92, FKB17, FP93, GH90, HBCM99, HCS⁺00, HLL⁺95, HWR14, Kay93, KMB91, LP96b, Lu01, MWL00, MKY⁺07, MBL⁺02, MO97, MS96, NKC⁺07, NaPPC02, SEP96, SLHS19, SG96, Tse95, UR94, wXH00, ZMP00, ZLH⁺18, dR09, ABC⁺08, AMK⁺07, BLO5, BCK⁺09, BGA12, BMF05, CPP05, BSS⁺13, BYH⁺17, BJ18, CBP02, Car95, CLMRL15, CSW08, CCEB03, CDJ⁺89, CK91, DS04a, DI91, DTK11a, DLW⁺12, DB86, DMS⁺16, EC89, Fer90, GTGLS12, GSAS19, HJ90a, HM06, HLB16, HML18, HMY⁺18, HGX⁺19, HHA14, Hsu17, JWS9, KHN17, KCD08, KSBI, KMF⁺05, KS13, KC04, LMSK18, LFH⁺03, LC91b, LLWC17, LAS⁺19, LY13, LHZ⁺18, LAC18, MM07a, MK08a, MC03, NAK04, NTC03, No12, OEU07, PKN08, PKN10, PL14, PK05b, RV13, RBA⁺18]. System [RAN⁺17, SPRG⁺12, SSM⁺16, SFT⁺13, SC04, SK91, XSS14, SSL04, SLG⁺18, SM86, SV18, TKR⁺19, Udd19, VD04, Wan06, WHW⁺17, WS06, WZQ⁺13, WYTX13, gWW18, YCH⁺10, YXW⁺18, YLB90, VB90a, ZMC06, ZHH15, ZFT⁺18, ZKZF18, ZGW⁺19, ZW13, ZJ06, dAAD⁺19, AGWY11,
HCAA93, Sie16, Ski16]. **System-Level** [Kav93]. **system-on-chip** [DMS+16, LY13]. **Systematic** [IAS+92, KK95, LB89, WAS88, ZTGL17]. **systemic** [LZN19]. **Systems** [ASH+01, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02u, ADS98, Bah00, BBM+02, BBR94, BPR99, BW95b, Bou02, BN02, BS96b, BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Cho93, CBdCD00, DDO+18, DSST95, DA97, DS96, DSW94, DAYA02, DG94, EMP+96, FGKT97, FTC00, GCKM97, GM99, GRR93, GKK97, HKT+91, HNM02, HLLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JR999, KS97a, KBC+01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMR98, MAS+99, MT95, MMVR97, MM93, MRR+02, MC93, Mir91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, PP92, QY94, QGB+17, Raj01, RDS02, RAS96, SM94, Sch91, Ser97, SL95, SRGB00, SSRV94, Sun02, SFC17, THN+93, TH02, TY95, Wt92, Wf93]. **Systems** [WF96, WUG99, XH91, YH97, ZR00, Zia92, ZM94b, van96, AL04, ALM+16, AA16, AAK+13, AOSM04, AOSM05, AD12, AF999, AF06, ACCP12, AA1+15, ABBD14, AH06, BM+08, BBCQ13, BB03, BDRG13, BOKS19, BW09, BRP03, BJS03, BK08, BS92, BKMT14, BD04, BPW05, CWLD05, CNLRL18, CRK+09, CF88, Car90, CCS06, CKWT17, CTC11, CV90, CRJ10b, CASD18, CGW+03, CI86, CP17, CAF+11, COF+17, CS+17, DZC17, DK08, DFP06a, DB11, DR19, DDNT10, DGFGK05, DGDF10, DM04, DWYB10, DM90c, DO06, DRLB+12, DW04, DH01h, FJC04, FWM+10, FPS11, FLCB10, DX10, GMMP12, GZG+17, GL89, GNT04, GMVRGS16, Gos90, GS91b, GWL94, GC05, GRR13, GBM107, GF89, HR09, Ha05, HC09, HOE+09, HBC15, HCZ04, HS86, HA06, HP06, HA91, HLL+19, HA05, HHK15, IRRS16, IS06]. **systems** [JSWB92, JMS86, JKIE13, JST12, JLM08, JL11, JZZ+17, JWH+17, Kak15, KKR14, KKW13, KVA18, KME89, KV97V17, KUA07, KyLPC17, KSG13, KA07, KL05, KMS10, Kub17, KMS+06, Lai86, LLLC15, LWC+18, LF16, LT02, LTL06, LGZ+10, Lan09, LZ11, LLL06, Lee90, LH91, LHK03, LJ05, LK10, LZC09, LASS15, LZO5, LC90a, Li06b, LVP07, LQM+12, NL17, LLCZ19, LAS+19, LW99, LPLFCM+12, Lop13, Lop18, LS19, LCM+06, Lu18, LLS07, LM09, LZX13, LLW12, MSG12, MLMSMG12, MB13, MP10, MMK+11, MAHKZ12, MAKWZ13, MS96, MTS90, MFV08, MLK12, MSK+16, MBH+08, MGRRK14, MRT18, NLB+18, NFHL13, ND12, NZY+11, OS04, OPR18, PM05, PLM18, PRHB06, PB19, PC11, PSB+19, PH16, PTA08, PF91, PMdO11, QGZP17, RL+16, RL+17, RLH03, ROE+18, RN04, SSFP11, SW12, SHT04, SLV19, SP08, SPH13, SFT+13, SYYU07]. **systems** [SS08, SCB09, SU87, She09, SCS+08, SCMS12, SXZ06, SHL09, SY04, SHL+13, SCJ+08, SS18, Sie16, SLKK13, SI13, SFHS19, ST05, TLL10, TLLV10, TLQS12, TFMS15, TW89, Ter16, TRSS06, TB90, TCHC12, UAKf06, VMBB10, VS16, WCWO17, WXZ05, WTC08a, WTC08b, WDDK09, WLST16, WZZ+17, WWW17b, WWW17b, WSY+18, WSG91, Wu11, WSLC11, XHY07, XQ07, XLL15, XLHT13, XLPL19, Yan04, YLL17, YHYW18a, YHYW18b,
YL89, YQTV12, YZW+15, YYLC11, YZX11, ZAB18, ZGJ+18, ZLKK19, ZZ90, ZAB17, ZZJ+18, ZFS07, ZWY+15, ZTFK16, ZLJ+19, ZV09b, ZCV19, ZQMM11, ZBW+17, Zim90, dG91, dIAMCFN12, FPS12, ORWT+18, TFV19].

*Systems-on-Chip* [ORWT+18]. *Systolic* [AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86, MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH89, LB89, Lis90, MP88, PYP+10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

*Tables* [CRJ10a, PTK+13]. *T-L* [CRJ10a]. *Table* [HZL18, LACJ18]. *Tables* [TT10, ASD09, HKW05]. *Tabu* [BSH15, Cza13, CB11]. *TACD* [HGX+19]. *Tackling* [SMT15]. *tag* [CRK+09, VRGS17]. *Tagging* [GHH92]. *Tail* [CRJ10a]. *T-L* [CRJ10a]. *Table* [HZL18, LACJ18]. *Tables* [TT10, ASD09, HKW05]. *Tabu* [BSH15, Cza13, CB11]. *TACD* [HGX+19]. *Tackling* [SMT15].

*Target* [ERL90, CJDC10, KO11, NDP13, WW07, YCC05]. *target-driven* [YCC05]. *targeted* [BKK+11]. *targets* [BFKP04, CRWX12]. *Task* [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FZWLI2, FKKC97, FY97, HBCM99, HKT+91, JTZZ11, KLA97, KA99, LL98, MSSE02, Moh97, SMO14, SD97, SZ00b, SCJ+08, SS94a, SV00, SBKB90, SYG92, UAK06, UR94, VS99, WSRM97, YCY+00, AAK+13, AJG18, BKS05, BD05, Bat05, CDS10, DK08, DK11, DDG+17, DO06, GQZ18, JL11, JIC+18, KHW13, Kim17, KA05, LLL06, Li16, Li19, LSC+15, LXL11, MCC04, MTL+18a, OA10, PKN10, PK05a, PA15, SP13, SWP90, STK11, SZB16, TDP15, VS16, YWG15, ZTFK16, dOCS14]. *task-based* [AJG18]. *Task-Level* [HKT+91, SBKB90]. *task-scheduling* [Kim17].

*TDFL* [SBKB90]. *TDM* [LLJ00b]. *Teaching* [CTS17, Eij18, LB18, PBB+17, PGKV18, Ada17, FK+17, GAC+17, HSS17, Kum17]. *teamwork* [NKSA17]. *TEASE* [ZBR11]. *Technical* [AAS03b]. *Technique* [BSM+18, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, ASKTZ13, CX05, CRD12, DeG88, EE05, KK11, Nies10, Nic88, PVGG06, RBB17, WCF14].

*Techniques* [ADM+94, CSH95, Das99, ELS94, FY97, Gil94, GS00, HLL95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tsy02, UZSS96, ARP18, OAS04, BBR13, CDB04, CDR09a, CD95, DJDK19, FM85, Gao89, GRR+05, KA08, LPK+10, LP88, MBW16, Pla08, RM11, Raj08, RG87, SF606, T07].

*Technologies* [SJVRVS19]. *Technology* [AAS02b, ER97, GC95, MKY+97, MRR+02, OB88, PBB+17, PGKV18, TMM06]. *TEES* [ZWWX16].
Telegraphos [KMKD97]. Telemedicine [CY99]. Telescience [PLL+03].
Telescoping [KBC+01]. Temperature [SWHB17, ZWWX16].
temperature-constrained [ZWWX16]. template [EFG+14, RS90a].
Templates [ADS98, DP00]. Temporal [SGS+93, Lo92, RJA97, SHL+13,
VWHL96, BKS91, CRWX12, WCF14, XYZW14, YDTZ18, DFLO17].
temporary [Wan06]. Ten [TAS+01, KA08]. tenant [PVRS17, YHWY18a].
tensor [IEWK17, LGK+12, MLW+19, RSK19, SMH+14]. Terabit [SH98].
term [BV13, LKM12, MBS+12]. Terminal [HHC98, Li17].
terminals [HB11]. Terminating [Lin93c, MS15]. Termination
[ASR93, CW93, HTB98, KH03, Lai86, Ric98, Tse95, BFTV87, CV90, Eri88,
MD07, MFV08]. ternary [GNW03, KRM14]. Test [GRS97, PKK91, Soh96,
WW97, ALLM11, DWHL87, LTI14, NCA+12, dMS18, ALLM11, KCP19].
test-and-treatment [DWHL87]. testbed [HGFF10, LBE03]. testbeds
[VPHML06]. Testing [CY95, GFB+92, GS99, KW02, WG93, KCP19]. tests
[Psa96]. tetrahedral [CZZ+17, LWCC15]. text
[BV13, PAG+18, SWW+17, WD13]. Their
[Kop97, BM08, CRWX12, SI86, TDM05]. Themes [RCY97].
Theorem [SHSH17]. Theoretic [AaJS01, KK10, MGRRK14, PC11].
Theoretical [HC97, LZC11, CKT11]. Theory
[CC08, DM90a, PTA08, VBM90, ZLCJ12, BDjQ86, BM08, GRDB05, Zim90].
Thermal [NHX+19, SHSH17, LFS16, OJP+18, SNMB16]. Thermal-aware
[NHX+19, LFS16]. thermally [TKKH17]. theta [LL18, STMZ18].
theta-join [LL18]. thin [ST08a]. things
[AMU+19, TKR+19, CMPS18, DAPR18, ECP+18, HMY+18, LAS+19,
LJQ+19, MS19, NLB+18, WHC+18, WCC+18, YWJ+18]. thinking
[CCE+17]. Thinning [KLP10]. Thread [KCSS18, OTKT12, CGM14,
CDAN14, DWYB10, LK13, RSCQ17, SLG06, ST05]. thread-parallelism
[RSCQ17]. Threaded [NS97, BBH+17, KeP03, LC15, PYP+10, CSV93].
threading [Ngo06]. Threads
[GSC06, LFA96, SEP06, TG99, DKRI09, PMdO11, PL03b]. threat
[HMY+18]. threats [CWCC18, MMN+18, SFEF06, TKG+17]. Three
[FCG04, FLS+97, FT94, GG01, GH96, KR98, NEG85, PD92, SG93, SSOB02,
YMR93, ANEA13, LW06b, LDS16, YJL16, ZFS07]. three-body [YJL16].
Three-Dimensional [FLS+97, KR98, NEG85, FCG04, ANEA13, LDS16].
Three-Stage [FT94]. three-state [LW06b]. Threshold
[BFMT+18, CGA98, NKV14, PAM94, LWXX19, Nk04, YTH+19].
Threshold-Based [CGA98]. throttle [XCH08]. Through-Wafer
[MLW+97]. Throughput [FM99b, HW08, HB11, JSS92, MMVL11, BSW07,
BLMB13, CLA+18, DW12, GRR13, HVW16, HWLR14, HGX+19, KS11,
LMSS18, LMR05, LHX+16, LNC13, SA11]. Throughput-coverage
[HW08]. Throwing [Tse95]. tickets [LMJC11]. tier
[MS19, MZZC12, MCZ14, WQL14]. Tight [BBH+98, FSZ07, Mat06, CH06a].
tile [LCJ+18, ZLKK19]. tiled [JH+17, WQZ+13]. Tilera [PCMM+17].
Tiling [AR97, CWW96, RS92a, Xue97, KSG03]. Time
[AAL95, AK93, Ana14, Ano92c, ADS01, BPJG92, BBM+02, BA96, BM04a, BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Cha94, CO96, DS01, DJ98, DD95, EL97, EMP+96, Fah96, FBBK98, FY97, GS99, GM+00, HRG+11, HA92, JH92a, KF95b, KS97b, KEA95, LTWY95, LTY96, LV97, LAF96, MMRS98, MT95, MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, NIR86, NH93, NP09, OY00, OW95, OS96b, OSZ98, PW96, PLY15, Pe90, Pe95, PS93, PM96, PM92, QMCL94, RDS02, RU99, RAS96, Rie98, SCMB90, STN92, Sun02, THBF97, TV97, WL02, ZLPP01, Zim96, van96, AOSM04, AOSM05, ACCP12, BNP02, BVG14, BDGR13, Bog17, BPP05, BW18, BKK11, CH06a, CCK11, CRJ10a, CRJ10b, CLL09, CLR90].

time
[CCN06, DLV11, DKRC15, DHK04, ED05, FC14, FKLB08, GZG17, Gos90, GF89, GREC91, HOVC99, HA06, HV13, HL07, LWW19, Lee03, LWW19, Lo92, ML97, MLDG12, MAM05, MAw91, NA06, NVK11, Qj05, RL03, S86, SS11, SA19, SRB+19, SZ16, TBZB05, TZH+06, TPS+18, TYD+19, VWH96, VA07, Wan07, WTC08a, WTC08b, WL05, XL11, X005, ZHZ+18, ZHLQ12, ACD+93, CBP02, CX05].

time-aware
[MHLZ16].

Time-bounded [NP09].

Time-Division [QMCL94, ZLPP01].

Time-division-multiplexed [HRG11].

Time-domain [SS11].

Time-Efficient [EL97, MS99b].

Time-inhomogeneous [LWW19].

Time-Optimal [BOSW94, OS96b, OSZ98, Pe90, Lis90].

Time-optimized [Ana14].

Time-parallel [WBTM09].

Time-scale [ACC12].

Time-sliced [KRL87].

Time-space [BW18].

Time-Step [CW00].

Time-step-based [KKR14].

Time-targeted [BKK11].

Time-Varying [KEA95].

Timed [NM95].

Timeliness [ISM07].

Times [MLW+19, SFT04].

Timestamps [MS02].

Timing [ADS01, BSS99, CB99, Kar92, CS9+13, FVLB09, ISM07, KKK11b].

Timing-Driven [CB99].

TlMAN [VM95].

Title
[An90, An90h, An90b, An00c, An00l, An01h, An02d, An03b, An04a, An08, An08z, An08-27, An18-28].

Tla [SHL13].

Tlib [RR05].

TM [FKKR16, FWM+10].

Toeplitz
[GOH13, ABGV11, ADV14, BB90, HM99, Ter16, VGAB08].

Toeplitz-based [GOH13].

Together [WLD02].

Token [AE95, BGJL02, CP90, FFK97, GH96, HP90, Y96, CRD12, HSW04, PV07].

Token-Based [AE95, BGJL02, HP90].

Token-Chasing [Y96].

Tokens [SA93, SCAG14].

Tolerance
[BS97, Pi91, PM92, mY92, BJ15, BDD09, CLM15, CW1+07, CD09a, LCC+05, KH05, LGFM17, LP88, Pak89, PAS15, SLZ+19].

Tolerant
[AE95, AM97a, AM95, BMM97, BW95b, BCH95b, CRV94, CL93, CC94, CF98, FM99b, GRR93, HG96, HTH92, KP90, Lan94, LBT94, LC96, MD01, PB95, PK97, SCC92, SS95, WIKC97, Wu94, YBOY97, ZY00, AA14, AA16, ANE9, AOSM05, AH11, ABB14, BB87, BXA08, BKMT14].
Tolerate [VR95]. Tolerating [DT02, GS00, MG91].

tomography [BDRB14, FCG04, FGG08, KSSL16, KDO13, PLL03, XTN12].

Tool [BN94, DBKF90, ZNQ93, Ada17, ACD18, KKVT05, PF04, uRIL18, TD07].
toolbox [EFG14]. Tools [Bal90, Cas93, MLC90, MSH90, NT90, DMS16, FEH14, GAC17, MC03, YT05].

Top- [SSKS11]. Top-down [Sch89b]. Top-down based [dAAD19].

topography-aware [SK05a]. Topological [DC94, Par05, YN92, PL06].

Topologies [ZY96, YMG01, PD19, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS18, ZLKK19, AP91b, AHA16, DB08, GL12, GL90, KBC10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91].

topology-aware [KBC10, MBBD13]. TOPSYS [BB93].

Toroid [CT96, RMC97, WB01, YMG01, ACA19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89].

TPC [DZDZ01]. TPC-C [DZDZ01].

Tracing [JKIE13, LC13]. traces [MTM10, NRM09].

Tracking [BFKP04, CJD00, HC00, SL89]. Tornado [HK04].

toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89].

TPC-C [DZDZ01]. Trace [JKIE13, LC13]. traces [MTM10, NRM09].

Tracing [RG00, BM16, BM17b, CDB04, CS17]. Track [MD01]. Tracking [BFKP04, CJD00, HC00, SL89]. Tornado [HK04].

toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89].

TPC-C [DZDZ01]. Trace [JKIE13, LC13]. traces [MTM10, NRM09].

Tracing [RG00, BM16, BM17b, CDB04, CS17]. Track [MD01]. Tracking [BFKP04, CJD00, HC00, SL89]. Tornado [HK04].
Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].

Transistor [FPM+14]. transistor [LC14a].

Transient [DT02, PAH*08, GPT06a]. transition-aware [SP13]. Transitive [AW95, YMR93].

Transform [FP06]. translation [NCB+17]. translators [YLB90].

Transmission [CWCW18, YHYW18b]. Transmitting [LC92]. transmit [BR91a].

Transparent [LMY+11, GVA+08, GRZ+18, LLY15]. Transparently [AF+00, KLJ+11].

Transport [GRS97, MSH90, NPGV11, DJDK19, HOVC09, OS04, OMSGNSG05, WHC+18, YA11]. transmitting [BR91a].

Transient [DT02, PAH*08, GPT06a]. transient [LC14a].

Tree [AAP01, AS96, BBR94, BM97, BCLR96, BE95, BF01, BS00, COS+95, DR19, DZV96, FA95, Go94, GS01b, HH92a, KC99b, LPS+98, OD95a, OOW95, PL94, LPL+98, Sk96, Tze91, Wag94, ASC+18, AB13, BFG+03, BM14, BC05, BE13, BPBR11, BBD18, BBL04, CG12, CRD17, DJ16, EB09, FMM+08, FJSW90, GA90, HSB10, HMR15, HS04, th90, IKS87, KG10, KSK15, LK10, Li10, Mit07, OC07, PV07, Sch89a, SAF05, SV18, SK05b, SLHS19, SJG19, TG03, TR16, WW12, Wu85, Zab12, LZSL06, BBCQ13, GB11, SJG19].

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<table>
<thead>
<tr>
<th>Ref</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Year</th>
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<th>Issue</th>
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Wang:2013:PDE


Wittenbrink:1995:OPI


Wei:1991:DSG


Wang:2003:CAM


Wu:2011:OSP


Wang:1997:TMS


Weiss:1993:AID

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Wang:2019:QPS


Wu:2013:DAM


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Xiang:2018:AVD


Xiao:2006:MAO


Xuan:2018:EOA


Xu:2013:DSS

Xie:2015:HDE


Xu:2019:MEC


Xiao:2018:UCC


Xhafa:2017:SIS


Xu:1992:EIB


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**Xie:2008:LBM**


**Xie:2014:VCP**


**Xu:1996:SEM**


**Yoo:2011:OTP**

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Yoo:2010:ISL

Yuan:2015:PCE

Yang:1993:PCM

Yang:2000:PMB

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Yoo:1998:FEP


Yu:2018:VTP


Yi:2018:CIC


Yen:2001:PUE

Yang:2007:CFD


Yang:2009:NAI


You:2017:DIH


You:2015:SSV


Yang:2010:LCM


Yen:1997:RVC

REFERENCES


Yang:1996:PPS


Yu:1997:PPR


Yau:1991:PPO


Yum:2010:IAC


Yaseen:2016:LBW

Yau:2004:CSM


Yoon:1989:BDN


Yue:1998:CPA


Yaseen:2012:AKB


Yoon:1990:MTP

Yin:2015:GHD


Yang:2017:HCM


Yu:2018:PEM


Yang:2006:OSP


Yuan:2001:PMH


Yu:2016:ASR


Yan:2013:CPE


Yu:2012:HHC


Yu:2011:HDI

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Yew:1991:SIS


Ye:2013:PBI


Yang:2008:SOC


Yun:2015:IAW


Yang:2018:MDM

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Zou:2004:UAC


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Zhang:2012:EIS


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Zhang:2019:PAS


Zefreh:2019:TCP


Zhao:2014:TEF

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Zhu:2014:OVS


Zaki:1997:CDL


Zheng:2001:GCP


Zapata:1991:MGS


Zlateski:2017:STC


**Zhou:2012:EPD**


**Zhang:2018:MGS**


**Zhang:2019:CFV**


**Ziavras:1994:AMS**

Znati:1994:UFD


Zhang:2006:ILM


Zhang:2011:DID


Zeng:2016:RND


Zane:2000:SNA

Zhang:2017:DIS


Zambonelli:2001:DFI


Zhang:1993:MGT


Zomaya:1997:SIP

Zarrelli:2006:EPE


Zhao:2014:DAC


Zhu:2011:OBF


Zhang:2000:IMP

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Zhang:2014:PVS


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Zsaki:2016:HAG


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Zheng:2012:UBP


Zeng:2014:OMR


Zeng:2011:NSS


Zeng:2015:SSA

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Zhu:2007:OPD


Zhang:2009:OPR


Zheng:2017:MDS


Zhou:2016:TNM


Zhang:2015:PAB


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