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, DQH+21,
FLFZTS20, 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, BHB+21, BC94, CW00, CCCM96, GOH+13,
GW99, GRS19, Job89, LLFJ18, MCC20, NM17, OGRV+12, PYP+10, PEC95,
SLV19, WC91, Wan07, WS95, YA11, YB01, ZHW19, ZLS17, Zsa16]. 4
[KMC16, MD01]. 45 [HRF+11]. 4 × 4 [Jia99]. 5 [CCCM96]. *1 [HCZ04]. *2
[HCZ04]. + [OC07], · [HCZ04]. 2 [ASST05]. 3 [ASST05]. B [YL89]. C³
[HK96]. C³*I [PAJC97], d [DFN+94, DTK11b, LSC00, VB94]. °W [MRRT07],
G [BFKW13, BNP98]. GF(2^m) [SKH15]. h [GS98, KLP10]. hp [PPTV+10].
K [ACU08, BE95, DWG03, DBCF13, HHC98, LLM+20, SL95, WL11,
Amm16, Amm21, BVB02, CDDL10, CSS21, CTA20, DW06, DH91a, GP00, KK98a, PD05, PK04a, PRHB06, PK07, RP98, RDA18, SSKS11, San99, SAOKM03, SGR03, SLP98, S006, SDG17, TTT98, WCH+17, WS97b, YTH07, YTZ19, YD98, ZHT16. \( k(n-k) \) [Lin03]. \( K_{1,3} \) [LLFJ18]. \( \kappa \) [XL95]. 

\( \mathcal{L} \) [ZBW+17], \( \mathcal{T}_n \) [XHZZ16]. \( \mathcal{L} \) [FHL+15, SLV19]. 

- \( \mathcal{N} \) [AY89, IHM05, NTaq96, SHT+95, AKPT99, BVB02, GL90, LLFJ18, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. 
- \( n_4 \) [PB20]. 
- \( \mathcal{O}(\lg 2N) \) [BNP02]. 
- \( \mathcal{O}(\log 2(\min(m,n))) \) [XL11]. 
- \( \mathcal{O}(\log 2N) \) [JBL02]. 
- \( \mathcal{O}(\log \log N) \) [DLV11]. 
- \( \mathcal{O}(\log \bar{m}, \log N) \) [CC14]. 
- \( \mathcal{O}(\log N) \) [DLV11]. 

\( \mathcal{P} \) [BM97, PMV05, YBX+13]. 

\( \mathcal{P}_3 \) [HHJP87]. 

\( \mathcal{P}_4 \) [ANP07]. 

\( \mathcal{P}_N \) [OGM+19]. 

\( \mathcal{P}_{N-2} \) [OGM+19]. 

\( \mathcal{Q} \) [KAS07]. 

\( \mathcal{Q} \) [KSG13]. 

\( \mathcal{Q} \) [Ano20w].

\( \mathcal{Q} \) [BW18, LSS88]. 0/1-Knapsack [BW18].

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

1 [HV95, IKK20, MF94]. 1-Full [Ano20w]. 1-Knapsack [BW18]. 1-type

3 [BFG94, KMC16, MKY+97]. 3-D [BFG94, MKY+97]. 3.0 [DM20]. 3D [AB03a, CGW+03, GS03a, MJ03, NPI+96].

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

5 [LAD+96, PTC+93]. 53 [Ano00d]. 5G [DAPR18, Jar20, WHY+21].

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].

A* [DM94]. a-cyclic [BD05]. A-GHSOM [IZ12]. A-Star [SRT+18]. A. [Ano92a]. AA1 [GCM95]. AAIA [TFV+15]. ABC [GB+20]. Abduction [eW95]. Abduction-Based [eW95]. Abductive [eW95]. ABE [GLY+21]. Absolute [Wor93]. Absolute [GSV93, RJKL11]. Abstraction [OO+98, IRSS16, LSGZ15, HCR12]. Abstractions [KB01, JB20]. ACAS [MBR19]. Accelerate [JVRVVS19, SDG17]. Accelerated [AB13, Ei07, NRdA+20, BMS19, CRHC19, DGNW13, DCA+15, Eme13, GHT+13, KDO+13, LMSK18, SHA17, WLL16, Zsa16]. Accelerating [AVAH18, DFT13, GKH19, GAOGH17, RCG18, SKH15, STG+20, SHT+08, WD13, YL12, YZG18, ZXB14, ZCS+18, AM12a, VBDC13]. Acceleration [SALP20, BAI+19, KCP19, LLY15, NMS+18, OGM+19, SBL20, UGG+11]. Accelerator [CNGRL18, ICQ+12, MRB20, PP13, PG19]. Accelerators [DF12, MLK12, RBN11]. Access [ALLM11, ADS98, B90, BP02, Bit92, BR95c, CW93, CH92, DP00, FY96, HP00, OS93, San98, WMG01, ZRC99, AM13, ARL20, BGLA03, BKL+20, BR91b, BC11, Che90, DFP06a, ETS14, FA07, FC90, FLC14, HZ+21, HC91, KKK11a, KYZ+20, KGN11, Lan09, LZ11, LWZZ12, LC11, LS19, MLZY17, MYYY17, MM07c, NSDZ18, NKK16, NGL99, NHT+98, NNS+00, NTS+97, NWW97, OBL+05, OGL+04, OXY18, PAM16, PB13, PCQ13, PdM16, PdR14, PH13, PPL+08, PSK+12, PT+97, PTG18, QIA14, QW+13, QD11, QZ15, RCEK11, RCT+14, RCF15, RCM15, RHT17, RLV17, RRA+09, RRV18, RVK14, RVK15, RYK17, SB13, SC05, SD08, SE12, SHT+10, SHZ+10, SLS19, SM17, SML16, SMJ15, SNH+10, SO14, SP09, SPR+16, ST19, STG18, STW14, SW15, TBB+17, TST+16, TBA13, TSB11, TSB15, TSB16, TSB17, TSB18, TSB19, TSB20, VTX17, WBB+13, WBS15, WBY12, WMZ17, XXY+17, YMM12, YZ12, YZ13, ZB11, ZBC+18, ZBN16, ZT98, ZZ12, ZZ15, ZZ16, ZZ17, ZZ18, ZZ19, ZZ20].
Pad91, RGB20, SM89a, SR88b, SR90, TODQ18, WTS03, WBRT13. 
access-aware [MYYY17]. AccessAuth [TODQ18]. Accesses 
[MRRV98, SR97a, SR97b, JZ05]. accessing [CJYC19]. Accident [CCW14]. 
accountability [CLT+20]. Accountable [BKL+20]. accrual [CRJ10b]. 
accumulations [SAF05]. Accuracy 
[EH01a, PKK91, CRWX12, CDY+19, SFML21]. Accurate 
[DD95, KK88, ZZZ+21a, BFKW13, CGL+14, GJ12, HDT+05, HZDP12, NV19]. 
Accurately [LC13]. ACE [PL98]. achieve [LCB16]. 
Achieving [EH01a, GLY+21, JHZ20, KEA95, NPY+97, XLC+18, MCD+21]. 
Acknowledgment [Gra10a, KL08a]. ACOR [BFVB19]. Acoustic 
[LPLFMC+12]. across [MB19, SGdSS13]. Action [Sie16, CDY+19]. Actions 
[WR95]. Activated [NPP+02]. Active 
[SKH96, DB86, HOE+09, KV10, PMV05, PMV06, PSGS17, SI13, YT05]. 
avtive/active [HOE+09]. Activity 
[AS00, CW93, CWZ+18, HES11, SAR+18, Udd19]. Activity-Based [AS00]. 
actor [ASM99, YpGyL1C13]. actors [GE85]. ActorSpace [CA94]. actuator 
[KKK12, SCN12]. Acyclic [GY92, AFM09, BP89, TZZ+20a, Zim90]. Ad 
[Ano01e, GS01b, LC14b, BFKW13, CGL+14, GJ12, HDT+05, HZDP12, NV19]. 
Adaptable [Zim96, LLLC15, LFGM17]. adaptation [AGC+21, BK08, 
GBMZ07, KG20, KGN11, LS06, NZY+11, WMC+18, WWY+18, YHWY18a]. 
ad-hoc [BOP06, CY00, KSK15, LHW14, NMN+14]. Ada 
[Lun90, WSX+19]. Ada-Things [WSX+19]. Adaboost [CLZ19]. 
Adaptable [Zim96, LLLC15, LFGM17]. adaptation [AGC+21, BK08, 
GBMZ07, KG20, KGN11, LS06, NZY+11, WMC+18, WWY+18, YHWY18a]. 
Adapt [DKRI09, Wei02, SW18, WRW13]. Adaptive 
[ASH+01, AA93, AA16, AMN00, ACPT15, AYIE98, ACFK07, BLP05, 
BFV19, BOT13, BPR99, BL90, Bot02, CS00, CGM14, CLT96, DY99, 
DHZ02, DMB97, DM99, FLS+97, ISM07, JK00, KR97, KKS01, KG10, 
KRK20, KLLK98, KB01, Lan94, LLI06, LPK+10, LC11, LME95, LE98, 
LLW+20, ME04, MV88, MD92, MTS90, NG521, OB98, OR97, PW96, PR97, 
PZ+01, RDS02, SS06, SKK07, SJ20, SB02, SSO02, SLG06, SHT+95, TC04, 
Ten09, UBes10, VMMB10, WCE07, WA02, WL10, XLL+20, YIY97, 
ZHLQ12, ZM94a, AGS04, APK18, AF17, BCM+21, BM17a, 
BCF05, BMT12, BBS13, BEN12, CL03a, CMMN10, CKC19, CP04b, 
CDCD05, CAF+11, DBB+03, DLW+12, DAB+14, ESA03, GBA08, GA16, 
GNZ18, HNSA07, HHHK15, IZ12, JJJ21, KK17, KBK+19, KMF+05, KKS08, 
LMM+20, LST17, LY91, LXX+16]. Adaptive [LWW18, LA04, MCDs+06, 
MSAF04, MPG17a, MPN17, MSEM+19, NKK16, OPG08, OS04, PPTV+10, 
RGESG+21, SMO14, SB12, SHLN09, SMB10, SFT+21, SCH14, TLY12,
TKHG04, TT07, WSX+19, WW04, ZXYO11, ZLCZ18, ZWRI07]. adaptively
[Mit07]. Adaptivity [OH02]. ADDAP [DHR96]. Addendum [Ano92a].
Adders [NIR86]. Adding [MSZ05]. addition [OB88]. Additional
[LP97, CKN07]. Address
[KY96, SL97, TR96, VGMG20, YQTV12, WZ13, YGZ+10, YC12].
Addressable [AS21, Win85, KRM14]. Addresses [GCL+95]. Addressing
[ZLPP01, Ho91, TY90a]. ADI [AR20]. ADI-type [AR20]. adjacent
[CFJW13]. adjusted [TDBL13]. adjusting [MC91]. ADM [Pad93].
adминистration [LB17]. Admission
[MO11, AAA+10, MCZ14, RKK06, XYDL06, YJKD10]. ADMM [SBL20].
ADMs [FSZ07]. Ads [BA01a]. advance [CRH11]. Advanced
[ABO+17, LFJ+20]. affected [LdPLC+19]. Affecting [DVW94]. Affine
[DR95, DRR96, Dja06, DQR+09]. Affine-by-Statement [DR95]. Affinity
[TTG95, HD10]. after [DHR96]. against [SCC+06, XCH08]. Agate
[CZP16]. Agent
[Ser97, BCM+21, CMR20, FCC07, GMZC08, Rao16, SS06, YZS15, YHWY18a].
agent-based [FCC07, Rao16, SS06, YHWY18a]. agents
[AK06, CSWD03, FP17, KERU04, MS05, SGAC14, SMO+18, BJ18].
aggregate [AMT13, Yan09]. aggregated [WE13]. aggregates
[Chi95, Chi95]. Aggregation [MBMC19, BCO+12, CDR09a, CDR09b,
HBSASA19, JBA15, JBS14, JHPL13, SSKS11, XHZ+10, ZSCX18, Zsa16].
Aging [BM17a, LC14a]. Aging-aware [BM17a]. agreement
[AP16, GC06, HC11, LLW12, REK10a, REK10b, XLL+21]. Ahead
[PL03, mH14, SLH+13, TG04, TLL+18]. AHMW [BMT12]. AI
[KGTT20, UI84]. Aid [DBKF90, CVK+18b]. aided [SV18, ZMC06]. air
[FL86, MD20, YBM13]. air-jet [MD20]. Airshed [SS00]. Algebra
[CDH84, DVW94, KL01a, WM92, Eme13, FHL+15, ICQO+12, Joh87, LKD14,
RG87, VLMC+20, ZAB20]. Algebraic [PL06, Pat01, BAH04, BM08, CM03].
Algorithm [AAP01, AE95, AM97b, AMS94, Als01, AS95, Ano93e, Ano96i,
AS96, ABC+09a, ABZ95, Bai94, BCC95, BGR96, BS97, BPS96, BOSW94,
BE95, BDDL09, Bou02, BX93, BHR95, CLZ02, CGKK97, CCM01, CB99,
CS08, CS93b, CP92, CTZ99, CF98, CRFS94, DA97, DM90a, DMB97,
DS01, DS84, DH94, DSA09, DL99, DT97, FY94, FT94, GGN93, Ger98,
GRR93, GP00, GS99, H097, HH01, HB08, HO94, HM99, H097, IZ95,
JP95, Jia99, JK00, KRSZ02, Kar02, KSA95, KK98b, Kau94, KF95b, KS97b,
KW02, KA97, KC99b, LP96a, LO94, LHVW95, LP97, LW02, MT79a, Mi199,
MV94, MSST99, NTA96, NM02, Par98, PE93, Par96, PL94, PB95, PM06,
PRS97, PM92, RR95a, Ren11, RP95, SAOKMA02, SZ00b, SCC92, SR94.
Algorithm-based [GRR93, mYyF92, BDDL09, LP88]. Algorithm-system [CSW08]. Algorithm/implementation [HVW16]. Algorithmic [Gao89, SCB08, Sp20, BBH+17, CG11, CLZ19, JF12, LS05]. Algorithms [ANT02, ABJS01, ABM+92, BJ96, BJ99, Bah00, BLPV95, BBM02, BAES92, BAGS95, BBM+02, Ben15, BS99, BOP06, BPR99, BSS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CDY97, Chat94, CGO+96, CDH84, COS+95, CN93, CP91, CHR94, CWP98, CA95b, DS95b, DP98, DHB02, DP99, DM92, DMS90, DRFCU99, DBFK90, DKMV01, EP90, ESMG96, EMMMH94, EL97, FTM+14, Fer95, FR96b, FA95, FY97, FTC00, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HMM94, HQPT99, HCWS94, HR92a, HP97b, HTB98, HO94, IK93, IK94, Iq92b, IM00, JW94, JS94, KRC90, KAM94, KLZ07, KG94, KA99, LHS97, LSH96, LLH+01, LLCC02, MB96a, MMR89, MS94, MMVR97, Man97, MT96, Mat93, MHC95, MK92, MS98, MS99b, Nak95, Nas94, PA98, PAJC97, Pov99, Pra93, QZ94]. Algorithms [QOvdG01, RS96a, RR95b, Raj01, RSS96, Ram92, RDS02, RSW90, SH90, SS96, San95, San99, San02, SZB92, SY01, Sto90, SYC92, Ten90, TVS97, TC96, TFV+15, Ü96, VB94, VR95, WNA+94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YM93, dBL95, AL04, ANEA13, ASC+18, Ara13, ACCP12, AAC10, AF17, ARVZ14, ACFK07, BC06, BKC+15, BBBC12, Ben19, BMT12, BS87, BAS06, BOS+91, BKCM17, ...
BLB$^{+}$20, BFG04, BRPR06, BPP05, BM08, CM04, CP10a, CF88, CRH11,
CNS03, Che86, Che05, CTA20, CRSB13, CRA$^{+}$08, CRD17, CB06, Cuz11,
Cuz13, DS04a, DH91a, DJ16, Dja04, Dja06, DCA$^{+}$15, DUK15, DJT03, DM94,
FHL$^{+}$15, Fen90, FBRW03, FGG08, FJSW90, FM85, FVCL05, GMMP12,
GP07, GZY14a, GM14a, Gos90, GKH10, GH89b, GWH06, GS03a, GC07].

**algorithms**

[GN15, Han89, HSSM07, HSW04, ICQO$^{+}$12, IC05, JMS86, JST12, JBM91,
KR10a, KHT$^{+}$14, KEJ03, KS08, KAP90, KSSG14, KK10, KMS10, KKB$^{+}$06,
KS91, KMP$^{+}$06, KR11, LW90, LLO6, LW06a, LN+12, LS88, Lin91, LS91,
LS03, LLO7, LA04, LVO7, LGG08, LV88, LL$^{+}$16, MBM$^{+}$20, MM04,
MS20, Mar20, MPZ09, MG03, MV91, MSAZ10a, MAR87, NTN12, Nik04, OA10,
PKN10, PB20, PD05, PH18, PY09c, PL03a, PH16, PPSV15, PA04, PS14, PK21,
PR88, PS88, QGZP19, RTCG91, SSMS98, SS06, SM98b, ST87, SPH13, SAF05,
SZW05, SGS08, Sok21, SHRM19, SD88b, SSC10, Sto87, SBRM19, Ta19, TY90a,
TW87, TK08, TWQS12, Tur12, VAF19, VS16, WC91, WCWH03, Wh91, YZG18,
YHKR20, ZG$^{+}$18, ZAB20] algorithms [ZV09b, ZXMR18, dVCP06]. **Align**

[BR95c]. aligning [LVB07]. **Alignment** [BRR01, CGO$^{+}$96, DRR96, Mil99, MJ01, SS94a, BBM08, BFKW13, BR91b,
BMARM07, LC91a, PTZ06, SK09, SPRG$^{+}$12, SRT$^{+}$18]. alignments [BW09, ST85].

**All-Output-Port** [ST02, ST06]. all-pair [CTA20]. all-pairs [KS91, DCA$^{+}$15].

**All-Port** [RJMC95, Dim04]. all-reduce [PY09c]. **All-to-All** [HP95, LHS97, LWP02, Ede91, LR03b, PW16, PW21, ZTFK16].

Alleviating [Tze91]. alliances [CDD$^{+}$15]. Allocating [BPRG04, Hag97, SEP96, AS19a, SCS$^{+}$08]. **Allocation**

[AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97,
KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SD97, SP06, YL98,
Zhu92, ALH$^{+}$09, AKSM08, AA$^{+}$10, ADD17, ATZ07, ACC012, AH06,
BM3$^{+}$08, BG86, Bat05, BSMH08, BS$^{+}$13, BP05, CCA18, CDS10, CPLY18,
DW12, DM09c, ERS0, GNT04, GRDB05, HWY$^{+}$10, HLL$^{+}$19, HB11,
HG6$^{+}$19, JL11, KR10a, KR10b, KHW13, KS81, LLL$^{+}$21, LHF91, LC91b, Li05,
LL10, LL12a, LL12b, LPD$^{+}$14, MCC04, MLK$^{+}$16, NVK$^{+}$11, PKN10, PM05,
PB08, RLH03, SSM$^{+}$16, SNC12, SCW$^{+}$18, CMS12, SHL$^{+}$13, SMM$^{+}$06,
SVC10, SZB16, SSM$^{+}$07, TFS15, XTGJ21, YYWZ19, ZG13, ZI08].

Allocations [BE95, CT96, SSMS08]. Almost [JBP00, SS95, EB13].
amost-optimal [EB13]. Alphabetic [LP96a]. alternate [LS03].

Alternating [BC94, HWY$^{+}$10]. Alternative [GW99, Pad93, Can18, CBV08, GB06, Ros85]. **Alternatives**

[BAPH01, NBSD99], alternator [LW06b], ALU [KF90b], Always [BRR01, AD10].
always-on [AD10]. amalgamation [KGTK20]. ambiguities [RK18]. ambiguity [LDS16]. Amdahl [CN14, NZ17, SC10].

Among [OO85, GM94b, KS03, MT93a, NMS93, ST12, ZZW15, ZCW19].

**AMR** [GWH06, RV13]. **AMTE** [HCM11]. analogy [GSA21]. Analyses [KY96]. **Analysis** [Abr96, Ano92a, BCV94, BCF97, BN94, Bhu87, BDF01,
BLG01, Buc92, CK88, CC91, CSML10, CAB94, DLLX97, ES96, Fra92, GKTW21, GM94a, GSG+93, GMC95, GC01, HLM+90, HC97, HF96, IM94, JV09, KME92, Kop97, LW89, LDS16, LE19, MF94, MT93b, MM93, MS99a, MRR+02, MT96, MDD97, MBHW86, NBM93, NS98, OD95b, OS93, PD92, Pin01, PAJC97, RPS93, RKS87, SM99a, SLP+98, SWP90, SWHB17, SFC93, ST08a, TMB+21, VSM96, WCF14, XL92, ABC+88, ACCN20, AK18, BČFF05, Ben19, BBH+17, BV21, BFG04, BFL+13, BC11, BM08, BF13, CK06, CSL15, CLZ19, CKT11, CH06b, CWL+07, CLXX19, CWCW18, CJA+19, CPO+03, FC90, FCS91, FD86, FX06, GZG+17, GBA08, GHC+17, HRC09, HMS20, HSH10, HA91, HB11, IKS87, IC05, JF12, JT88, JBM91.

Analysis [KME99, KA08, KBK+19, KK10, KK+11b, KG94, KLL87, Lmsk18, LdSB+18, Li06a, Li06b, LpJS+18, Lzc11, LTBY20, LH21, LpB20, LH05, LP88, MM06, Mcd89, MAKWZ13, MO11, MEMEMH17, NV19, NSKN17, Pak89, PL06, PRHB06, PI90, Pfe90, PL03b, PLK+18, RM90, Rgu08, SMW18, SWLP19, SPPA19, TTY12, TM06, VLW18, Wsh+03, WF89, Wn11, XLW+18, Yn09, Yh07, Zfs07, Zkzf18, Zxy21, Zpk+14, Dfl017].

Analytic [BS96b, BS96c, HAr91, AKY20, Ale19b, LwC+18].

Analytical [DG94, HW03, Qy94, SAK03, Ahz11, Ap91c, Ba05, BfH09, KyLpC17].

Analytics [As13, As15, CJ17, Eck18, Kkkg14, Ps14, Pa18, Th19, VLGv+18, YlB+15].

Analyze [Lzn19].

Analyzing [Cdr09a, Cmt92, HcF05, K94, LMCf90, LB12, Msh90, Mbh+08, Pb19, RB12, RPS19, Wxz05].

Anchored [Ks03].

Anchors [Mkm16].

AND-parallelism [DG88].

AND/OR [RP95].

Android [Ty17].

Animate [Mbl+92].

Animation [Rgs00, JdSjC+15].

Anisotropic [Pse+01, Ei07].

ANMR [Bm17a].

Annealing [Be02, Ba92, Hb97, RSS96, Soh96, Xh91, Ah06, Bg89, dDc18].

Annotated [Kbc+01].

Announcement [An93a, An96k, An01c, An01d, An01e, An01f, An02a, An02d, Gs06, Kai92, An00a].

Anomaly [L14].

Anomalous [Msh90].

Anomaly [Akk+19, Dfp06b, Gk+20, Iz12, KkTz13, Mge20, Mbr19, Rlp14, Kkaa20, Wlz20].

Anomaly-based [Mbr19, Rkka20].

Anonymity [Dkg19, Zjwx20].

Anonymous [Afm09, FkK+04, KS13, IwKv+19, MsjQ, Xlg+06].

Answer [Byg+18, Oey07].

Ant [Cov13, CgN+13, Cla+18, Ddgk13, RlQ2, Cck11, Ski16].

Antecedent [Uh20].

Antenna [CChc09].

Antennas [Smmg20].

Anti [Gsa19].

Anti-spoofing [Gsas19].

Anticipative [Wld02].

Any [Rcy97].

Apache [CywL21, Kkh17].

APhID [Bs00].

API [dfp20, Hls12, Hz+y+21].

API-images [dfp20].

Appear [An00e, An00f, An00g, An00h, An01n, An01o, An01p, An01q, An01r, An01s, An01t, An01u, An01v, An01w, An01x, An01y, An01z, An01-27, An01-28, An01-29, An01-30, An01-31, An01-32, An02q, An02r, An02s, An02t, An02k, An02l, An02m, An02n, An02o, An02p].

Applicability [Can18].

Application
Application-aware [HMV07]. Application-based [BB03].

**Application-level** [VD04, WZC+20]. application-sensitive [CP05].

**Application-Specific** [PP92, SK93, SS94b]. Applications [ABDS02, Ano96i, AFT*00, BOSW94, BMRC98, CCRS92, CA95a, CDF01, DRC90, DS84, EH01a, FR98, FBK98, GCB+00, GT02, HS94b, KR97, KS+20, LLS93, MHC95, MB92, MBK+92, NB93, NsPPC02, OS96a, PGRP17, PJ18, RS92c, SSOB02, SFC17, TFV+15, UZSS96, VD04, WZC+20].

**applications** [NPS+19, NMS+18, NVK+11, NC13, OTKT12, Oza04, PCMM+17, PH18, PB19, PMAL11, PA15, PCLP16, PLL+03, PF04, RCG18, RH20, RJKL11, SV08, SM99a, STG+20, SCS+08, SPBR20, SWW+17, SALP20, SR16, SSGZ13, TP18, TPLY18, TDM05, TOR+14, ULL4, VB08, VM03, WSB19, WIR+18, XCC+19, YH07, YR89, ZVL11, ZZJ+18, ZSW14, ZXR18, dSS11, FTM+14].

**Applied** [CB96, BDDL09, EE05, HSLL04, PR06]. apply [NZ17]. Applying [PEC95, CCK11, Kol19].

**Approach** [AAP95, AkBA+20, AM93, Bev02, BR02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FK96, FKK97, GG94, GZ97, HC97, HLJ98, KCRB99, KSB94, LS95, LW95, LLCL98, MSSE02, RJY96, RAS96, SL95, SP96, SZ00a, TC92, WSRM97, WA02, Won99, WLID02, AS19a, AP91c, Ara90, AF+11, AH06, AJG18, AS18, BM11, BAS06, BW09, BCK+13, CTS17, CvdBL+08, CHX+17, CZ+17, DMPV+18, DBC03, DKV15, dADC18, DQ5+09, FZ+05, FGZ03, GZ08, GD+11, GWWL94, GBA08, GXYZ13, HRC20, HKTG20, HLBB20, ICQO+12, JLM10, Joh89, KYS13, KBC19, KSJC17, KZ11, KCFP18, KMS+06, LL19, LXX+11, LFJ+20, LH04, L07, LZZ+20, LNZ19, MLHZ16, MS05, MS09, MLCFH+18, MMCM19, MGRK+14, NT20, NTP12, NO+13, OPR18, Oza11, PXY+20, PD19, PST+19, PZ19, R18, RMG19, SW18, SGVP19, SAAT21, SNSK20, SU87].

**approach** [SCS+08, SDG17, SK11, TM06, TBZB05, TP18, TXLL14, TY17, TM10, VLW18, VB08, WML+18, WWY+18, WCR+20, WZQ+13, WLZ+18, XRB12,
Approaches [CHGM01, FMIF18, QM01, CB11, DBA18, KERUM04, KWZ19, KBK19, KA05, LE19, PR06, RPN19, Upa13, dGP06].

Approximate [JSS92, KGPT21, LHW14, LRS18, ST12, BDL19, CSS21, CLOL17, HN19, JHL18, KERUM04, MM07b].

Approximating [FMM08, PBS08].

Approximation [FV97, GM14a, HP97b, JST12, LHW14, LRS18, ST12, BDL19, CSS21, CLOL17, HN19, JHL18, KERUM04, MM07b].

Arbitrated [BLB20, ZV06].

Arbitration [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitration [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitration [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].

Arbitrarily [BLB20, ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, ACA90, BCF14, Kar19, SGE91, Wag89, FI04].
Sil90, SL90, Tay87. *Arithmetic/Logical* [AK93]. *ARM* [AG12]. *Arnold* [Ano00d]. *arrangement* [Lin03, NAK04, Ten16]. *Array* [AW95, BCF97, BL90, CT93, CWW+95, ER97, GKH96, GE94, HQPT99, HCS+00, HCZ04, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, Mi09, MJ01, MBK+92, MT97b, NKV14, OM90, RSB96, ST95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BPP05, CS10, DS04a, GP05, Lee91, Man13, MM07b, NAK04, FL87, SI86, ST87, SCC+06, SBSB20, YTH07]. array-based [CS10]. *Arrays* [Ano94, BAGS95, BPS96, BP02, BR95c, CGO+96, Cor93, GP93, GW99, Guo94, IPK85, KL90, KEA95, KL84, KBG92, MM00, MD01, MT93b, MRK93, MFS93, MFS96, RFM94, RCB93, Swa98, TC96, WCF94, WHT00, BBd90, Can18, CL03b, DMFCFM03, Deh90, Dja04, Dja06, EAB+19, EL91, GMH+91, JWS94, KT89, KT91, KLL87, LB89, Lis90, OT86, RIZ90, SSM89, Sch89b, ST89, SSK91, Um85, WAS88, WCF14, X11].

Asynchronous/Synchronous [OY00]. asynchrony [WCYR08]. ATAPE [PW17]. ATExpert [KW93]. ATM [WR97]. atmosphere [KVNV17]. atom [SPBR20]. atom-based [SPBR20]. Atomic [HV95, JBP00, WR95, van96, BOT13, GNS09, HV09]. Atomicity [NA02, RHH12]. attack [BK18, JXW06, KCFP18]. Attacking [ZWH+15]. attacks [CH06b, DT21, KMMZ06, LLWC17, SCC+06, TZDC21, TAM+19, UGG+11, XYG07, XCH08, YXX13]. attention [PLSM18]. attribute [BKL+20, LSS+11, LSS+11b]. attributed [LKB+15]. attributes [Par05]. auction [GVBB13, RA11, ZG13]. auction-based [ZG13]. auction-inspired [GVBB13]. audiences [LMB+17]. audio [TYD+19, WIR+18]. Audit [HLS12]. auditable [HSX+21]. auditing [XLC+18]. augmentation [BCH15]. Augmented [MKY+97, KBW20, KM17, KAA+19b, Lo92, MKW18, Poo20, ZXY21]. August [Ano20a]. Auralization [FJ93]. Aurora [Lu01]. Authentic [GPJA10, SZMK13]. authenticated [BKL+20, YTH+19]. Authentication [ZBR11, BDM18, CL09, JZWX20, LMJC11, LWK+19, NC09, PRN+19, TODQ18, XLL+21, YTZ19]. Author [Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano95i, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99f, Ano99g, Ano99h, Ano00b, Ano00c, Ano01f, Ano01g, Ano01i, Ano01l, Ano02c, Ano02d, Ano03a, Ano03b, Ano04b, Ano04a, Ano10a, Ano11, Ano12m, Ano14f]. Author-Title [Ano98l, Ano99h, Ano00c, Ano01i, Ano01h, Ano02d, Ano03b]. authority [ZCMY12]. authorized [YQZ+20]. Auto [PSB+19, CXX+18, KKR14, KGN11, MBR19, TLL+18, VDL18, VLCM+20]. auto-adaptation [KGN11]. auto-clean [CXX+18]. auto-encoders [TLL+18]. auto-scaler [VD18]. auto-scaling [MBR19]. Auto-tuned [PSB+19, VLMC+20]. auto-tuning [KKR14]. autoencoder [WMC+18]. Autoencoders [DFP20]. automata [EM11, GKS15, MS86, MBA01, PD19, RT18, TM10, ZBW+17, RSGA20]. automata-based [EM11, RT18]. Automated [NM95, NC97, CV16, XCLL20]. Automatic [ABCM07, AD12, CGO+96, CLXX19, DHR96, HZZ+19, KBC+01, LC92, LZZ+11, LTBY20, MJ01, NCB+17, SEP96, AAD05, AM17, DXS+19, GLC14, GFPC14, MLCFH+18, NVK+11, VLMC+20]. Automatically [DR98, TG99, DSEP17]. automation [HKK+18, PD19]. automaton [Cap87, LSZZ15, PD21, Pet18]. automaton-based [LSZZ15]. automorphisms [DH91b]. Automotive [TMB+21, RAN+17]. autonomic [AZC13, ATZ07, CP05, JZS+20, LS10, RDA18, XRB12]. autonomous [CKT11, CKMP17, WZZ+17, XCH08, ZV09a, ZWW17, OYE07]. autonomy [LFH+03, ML89]. Availability [HJD+01, LS01, AGMS16, DB08, Fu10, HOE+09, KVA18, LKM12, LSZL20, LAC18, PF08, PMMMA15]. Available
[NKC+97]. **Average**
[DF95, Li06b, MDD97, NSM98, Li06a, WWW17a, XBK07]. **Average-case**
[Li06b, Li06a]. **AVL** [MD98]. **avoid** [DP16]. **Avoidance**
[MJ04, BB85a, BPRS04]. **Avoiding** [AA21, SI13, SLV19]. **Award** [Ros07].
**awards** [OY13]. **Aware** [ALF03, BB85a, BPRS04]. **Avoiding**
[MJ94, BB85a, BPRS04]. **Aware** [ALF03, DR18, DKK18, SDS+18, AH12, AYB+15, BM17a, BGO19, BPA06, CWZ+18, CLW+19, CPZ+20, CCW14, CWP12, CHCG18, CKML12, EB09, EHL+15, FCW11, FCJG+18, FGZ03, Fu10, GQZ18, GPSH19, HVM07, HMR15, HK05, HKTG20, HK04, HWL18, HLBZ20, HV13, JAB12, JHF+17, JHZ20, KKK11a, KK11, KCR14, KDH08, KBC+10, LL19, LBMG15, LFS16, LR14, LDZ+14, LZI+11, LW16a, LNL17, LCLZ19, LY13, LHLM14, MBBD13, MHLZ16, MYYY17, MSRB19, MSRB20, MTL+18a, MLK+16, MMK+11, MBR19, MA19, MSEM+19, MCC20, NHX+19, NL19, ORWT+18, OS04, OMT+17, OJP+18, PD19, RBN11, RCG18, SNMB16, SJB12, SA19, SKK14, SCW+18, SP13, STK11, SK05a, SATJ+20, SZL10, TLLV10, TZZ+20b, TODQ18, TVT+17, UM17, VMMB10, WQL14, WMY+17, WWW+21, WHC+18, XCLZ03, YZX11, YJKD10, ZLLK19, ZVL15, ZXYO11, ZTFK16, ZWQ+16, ZDZ+21, ZV09b]. **aware** [ZC04, Sie16]. **awareness** [HRH18, LWZZ12, LR03b, ZXGD18].
**Axiom** [ABLP17]. **Axiom-based** [ABLP17]. **Azriel** [Ano04r].

B [CWW+95, CY96, GM95, HS94a, Meg91, OC07, PPC04, WW96]. **B&B** [BMT12, DBA+18]. **B-Spline** [CWW+95, CY96, GM95, HS94a, Meg91]. **B-Trees** [HS94a, WW96, PPC04]. **back** [HPSM91, KMMZ06, LKDI4, WME12].
**back-end** [HPSM91]. **back-propagation** [KMMZ06]. **backbone** [HWW08]. **backbones** [KERUM04, XHG03]. **backends** [IEWK17].
**Backfilling** [SF05, GMVRGS16]. **Backplane** [SH98]. **backpropagation** [SM08b]. **backtracking** [AKDMN15]. **backup** [AOSM04, HOVC09]. **bad** [Sch14]. **bag** [BHLT14, dSS11]. **bag-of-tasks** [BHLT14, dSS11]. **Balance** [SEP96, CCK88, ZW11, ZWY+15]. **Balanced** [GP96, LT94, NFG97, PB99, SA93, SBAM96, ASE15, BN02, GHY10, GS20, LCW05, SB15, XYKA08, YMLP14]. **balancer** [FPdLS+21].

**Balancing** [Ano97]. **BEE00, DHBO2, DMB97, DLLX97, DSW94, Efe96, FMP98, FL8+97, FM99b, GI94, GM96, HILLY95, HT99, HO94, HC97, JR92, KSB+20, KGV94, LK94, LHVW95, MP96, NLSK99, OB98, QY94, SH92a, SHT+95, SB97, TSHH01, Wan96, WS97b, XL92, XH93, XL95, ZLP97, ZM94b, AES11, AGMS04, BCV05, BFH09, BFMT+18, BRPR06, BD04, BM08, CSWD03, CBD+09, CKLW19, CRC+02, Cy89, DB11, DED+20, DLW+12, DM94, EE05, Gao89, GLC14, GC05, HJ90a, HLM+90, HLL+19, IC05, JL05, JL11, JW59, KAA+19a, KKS08, KC04, LT02, LTL06, LHLK03, MBM+20, MPV12, Mt07, NHO+13, Nik03, PC11, PA04, PR+N+19, RN04, SB12a, SX08, TDCM21, TVT+17, VP20, YJL16, YAA10, ZV06, ZV14, ZSW14, ZSS+21b, ZXP99, ZLHMC14, dG91, vS91]. **Balls** [BBFN12, BBFN14].
**band** [SMMG20, WIR+18]. **Banded** [Pov99, ORR03]. **Bandwidth**
[BM97, Cha95, KK17, PY09a, PY09c, BHK17, CCHC09, DK04, FFYH19,
HJ90b, HWY+10, HB11, MSK+16, SSGG18, YYWZ19.


Bareiss [HM99]. bargaining [GRDB05]. Barnes [SHT+95]. Barrier [Cha95, JLRA97, OD95b, RSS99, XMN92, CSS21, SAATK21].

**barrier-reinforcing** [SAATK21]. barriers [HS12]. Base [DKMV01, RBD08, DDNS06].

Based [AE95, Aso99g, BCD95, BPJG92, BGJDL02, BMM97, BN02, BR02, BA92, CGKK97, CC91, CRV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKKC97, GS01a, GRR93, Gup92, GS01b, HP00, HB97, HK01, HSJP87, KCRB99, KSD95, LAZC00, LZ02, MSC96, MB93, MG98, NT96, NB93, NM02, Pad93, PN97a, PN97b, PA97, PL95, PM96, PAJC97, RL96, RSD94, RMC97, RSBN01, SMR96, SSRV94, WLY01, WSRM97, WSA+94, Won99, WLID02, XH91, mYyF92, YB01, Zia92, eW95, APRA18, ASA18, AA10, AL04, ASM09, ASKTZ13, AMP20, ACCN20, AK+20, ALLM11, AHG12, AK07, ARM+05, ABC+09b, AMSA19, ATZ07, AYB+15, AP16, AK18, ABLP17, ABF+14, AGJ18, AS18, AVAH18, BCM06, BJPPM+08, BDM19, BNBR16, BOY10, BCMV15].

Based [BCH15, BDRB14, BFKW18, BK18, BAT+19, BDDL09, BEN12, BM08, BYH+17, BB11, CL03a, CWZ+18, CL+19, CLT+20, CG12, CLMRL15, CK08, CK13, CVK+18b, CTCX08, CP10b, CS10, CHX+17, CLOL17, CXQ+18, Chi95, CL09, CVJ09, CHC05, CR10a, CG20, CGW+03, CZZY09, CJ17, CTT16, CAF+11, CKMP17, CRD12, CDW+19, DFF20, DBA+18, DWW+21, DKKV15, DE91, DB11, DR19, DBW+18, DK14, DRST02, DRT07, DWYB10, DXS+19, DQR+09, DKS21, EMSEMM20, ED05, ESGQ+14, ESGQ+18, EM11, ECP+18, FLL14, FCLM13, FCC07, FLCB10, FPL+21, FL+11, GOH+13, GMMP12, GKB+20, GPJA10, GLF20, GTGSA12, GB08, GLY+21, GL12, GSASA19, GA16, GNZ+18, GRZ+18, GMX07, GXYZ13, HW03, HBS17, HV09, HRK+19, HNKO21, HC09, HRH18, HFA20, HLM+90, HZY+21, HWY+10, HZL18, HSX+21, HMY+18, HGX+19, I1MH16, IEI+17, JXW06, JP09].

Based [JTC+18, JBY+05, JYS+20, JM14, KKV05, KKR14, KERUM04, KJ03, KyLPC17, KAA+19a, KA08, KKS+12, KKLJ14, KCP19, KR06, KBS+21, KTM+21, KKTZ13, KCO4, LK15, LCI14a, LHLK03, LdSB+18, LSH+13, LLY08, LL07, LFZ+11, LMJC11, LW16a, LLWC17, LD21, LW+12, LS03, LU14, LHT08, LZC11, LSZZ15, LZY+18, LCJ+18, LZZ+20, LHL21, LDDL15, LPFMC+12, Lop18, LACJ18, LAC18, LV07, LS06, LP88, LFEP19, LFLJ18, MS19, MCC04, MCD+06, MAGL13, MM15, MLTT20, MP10, MMS09, MAKWZ13, MRGB20, Mito07, MM07c, MBO11, MH18, MSAT10a, MSAT10b, MBH+08, MRRT07, MRJ+19, MZZC12, MCZ14, NV19, NSKN17, NSt19, NrdA+20, N9J1, NCA+12, NGS21, NTN12, NC09, NHO+13, NC13, Nic07, NAK04, No12, NPVG+19, OM10, OJP+18, Oz11, PRP09, PAR14, PD19, PD21, PLASM18, PDP17, PK05b, PMAL11, PVPM06, PLBG21, PG20].
Based [PF04, RGB20, RLP14, RT18, Rao16, RWF+21, RA11, RTZ11, RDA18, RKA20, RDCQ17, SMW18, SS+16, SMPMLVS11, SS21, SHSH17, SGC10, SS06, SP08, SPA13, SX08, She09, SLW10, ST12, SPBR20, Ski16, STS5, SEM20, SQ19L, SKS21, SATJ+20, Stp20, Suk18, SK11, SLHS19, TR89, TGB+17, TFMS15, TCMB+19, TW15, TKKH17, TC13, TJCB10, TWQS12, TT07, Udd19, UMM+18, UM17, VD04, VLCM+20, VETT18, VMMB10, VB08, VS18, WCC02, WGC09, WW12, WCL+13, WRW13, WYW15, WWW17b, WML+18, WM+18, WWY+18, WXZ+18, WXMZ19, WM+18, WHY+21, WLYS19, WMG13, WD18, WD13, WLW09, WCA18, WWA+18, WHW+19, XHY07, XCLC20, XCLR07, XLHT13, XLL+21, XO05, YWJ18, YWF21, YZC+19, YL12, YHWY18a, YHWY18b, YLL21, YYX+18, YAA10, ZG13, ZGJ+18, ZCK+02, ZV09a, ZPT18, ZFT19, ZGJ+18, ZWS+20, ZAZ19, ZV12, ZGG+14, ZXR+19, ZV+19, dSAJ15, dAAD+19, SM92a, WAS95, ZNQ93, HRF+11, HC91, KKS08, PLD87, TOR+14, ZBR11].

Bases [GPT06a, SK90].

Basis [BM04, Joh87].

Basic [TR96].

Bat [CCC+19].

Batch [LL98, CMR19].

Batched [AR20, CK06, HSH10].

Batcher [NT93].

Batches [ATD20].

Batching [DSST95].

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

Benchmarks [BBR13, KA99, YYLC11].

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

Benchmarking [BBR13, KA99, YYLC11].

Bends [OS97].

Bene [CIO3].

Benefit [FR92, SS99, We98, GK04, OS20].

Benes [DD96, Qia97].

Best [BE95, BDF92, BN02, BST01, CMT93, FJ93, LZ08, LHL21, AC+18, BS92, CL14, JZK04, LWWX19, dAMFdS13, RA11].

Behavior-Based [BN02].

Behaviour [CMMN10].

belief [BNP02, HBS17, KSSK16, STKW12, BGA12].

beacons [DWX10, TDC05].

Beamforming [BC90].

bee [GKB+20].

beeps [CD19].

Before [HCR12].

Behavior [Abr96, BDF92, BN02, BST01, CMT93, FJ93, LZ08, LHL21, AC+18, BS92, CL14, JZK04, LWWX19, dAMFdS13, RA11].

Behavior-Based [BN02].

behaviour [CMMN10].

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

Benchmarks [BBR13, KA99, YYLC11].

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

Bends [OS97].

Bene [CIO3].

Benefit [FR92, SS99, We98, GK04, OS20].

Benes [DD96, Qia97].

Best [BE95, BDF92, BN02, BST01, CMT93, FJ93, LZ08, LHL21, AC+18, BS92, CL14, JZK04, LWWX19, dAMFdS13, RA11].

Behavior-Based [BN02].

benefit [BNP02, HBS17, KSSK16, STKW12, BGA12].

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

Benchmarks [BBR13, KA99, YYLC11].

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

Bends [OS97].

Bene [CIO3].

Benefit [FR92, SS99, We98, GK04, OS20].

Benes [DD96, Qia97].

Best [BE95, BDF92, BN02, BST01, CMT93, FJ93, LZ08, LHL21, AC+18, BS92, CL14, JZK04, LWWX19, dAMFdS13, RA11].

Behavior-Based [BN02].

benefit [BNP02, HBS17, KSSK16, STKW12, BGA12].

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

Benchmarks [BBR13, KA99, YYLC11].

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

Bends [OS97].

Bene [CIO3].

Benefit [FR92, SS99, We98, GK04, OS20].

Benes [DD96, Qia97].

Best [BE95, BDF92, BN02, BST01, CMT93, FJ93, LZ08, LHL21, AC+18, BS92, CL14, JZK04, LWWX19, dAMFdS13, RA11].

Behavior-Based [BN02].

benefit [BNP02, HBS17, KSSK16, STKW12, BGA12].

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

Bend [LdPLC+19, CC14].

BFS [BCMV15, DJ16, RGA+18].

BGP [JZC18].

bi [AM11, MMK+11, PB21].

bi-modal [AM11].

bi-objective [MMK+11].

Biased [AS19b, RM11].

bichromatic [NM+14].

biclustering [LC19].

Biconnected [Kar02, Hol90].

bicriteria [BF04, BFM06].

Bidimensional [BP02].

bidirectional [PD19].

Bids [BA01a, BiELL [ZGG+14].

Big [AS13, AS15, APK18, LWQW18, MNR+19, SFC17, AKY20, ACPT15, CF19, CJI+19, CCC+19, Eck18, FRM15, JJJ21, KKG14, LLW+20, LBBH20, NTXK17, NST19, PST+19, RBA+18, SMW18, SAY20, SEM20, TH19, WWW17b, YBX+13, ZDZ+21, ACB+15].

Bilateral
Bimodal [KC95, UM17]. Binary
[AS94, CS95a, DS93, Efe96, HIKM94, HKMU98, HM01, HR92a, Iqb92, JH94, LP96a, Lj92, OOW95, SY094, Wag93, ASC+18, BL89, Can18, CJDC10, DH91a, LFZ+17, LFRBGV+21, Wag89, WD18, HRJ94]. Binding [LBL95].
Binomial [DP00, WFL98].
Biomedical [LBP95].
Blockchain-assisted [ARL20]. Blockchain-based [CLT+20, HSX+21, RGB20, YLZ+20, WHY+21, XLL+21]. Blockchain-enabled [CGC21, MLTT20]. blockchain-enhanced [HZL+20]. Blocking [BHK+94, ASES15, CASD18, DBA+18, ESGQ+11, KR17, MPN17, QS05]. Blocks [CWW96, RJKL11]. Bloom [SMPMLVLS11]. Blue [FGM+03]. BlueCube [CCS06]. Bluetooth [CCS06, SLWW05, WTS03]. BMB [WD18]. BMIMI [SJG19]. BMIMI-tree [SJG19]. Board [Ano18v, Ano18w, Ano18x, Ano18q, Ano02e, Ano02f, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano04m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, 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, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j]. Board [Ano21k, Ano21l, Ano21m, Ano21n]. Body [HP95, SHT+95, CHCG18, IHM05, YJL16]. Boltzmann [KA89, WZY+95, CHCG18, IHM05, YJL16]. Boolean [ESCV15, HJ90c, JH92b, 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, Li19b, MCC04, SCS+08, SW90, YZLT09]. bound-consistency [Kub17]. Boundaries [Wor93]. boundary [Lin91, RBD08, SCC+06, TRS+12, ZQMM11]. Bounded [AW95, BBN93, CLT96, GP97, Pra93, SN93, BD05, BPRG04, JMI14, LMZ04, MRRT07, NP09, Sta17, TK07]. Bounding [Lun99]. Bounds [AD50, BBH98, DL98, JR95, LPS+98, LP95, Lun94, WW97, FT04, FSZ07, ITT04, KMS07, LXLS12, LYW+16, Mat06, NDP13]. BPS [HZL+20]. brain [RBOH+18]. Branch [GZ97, MCC04, PM96, AMM+18, LW20, SCS+08, YZLT09]. Branch-and-bound [MCC04, SCS+08, YZLT09]. Branches [ERA95]. brawny [LNC13]. breadth [MB13, ZCS+18]. breadth-first [ZCS+18]. Breaking [CSS21, FJ93]. Breakpoint [dADB96, MT79a]. breast [HES11, XTN12]. Bridge [HR00]. Bridged [EAL90, LCM+06]. bridging [BJ803, KLJ+11]. broad [LMB+17]. Broadband [XP10, XTN12]. Broadcast [DHB02, OS96a, Pel95, RS96a, RS92c, San99, VB94, AA10, BG05, CB15, FVLB09, KYS13, KG10, KGN98, LDZ+14, LDZ+17, LSWC14, LSZZ15, MT14, MPS16, MRRT07, PYF08, SGS08, TR08, WWW17a, WIR+18, WL05, dADB+19]. broadcast-based [AA10, MRRT07]. Broadcast-Efficient [OS96a]. Broadcasting [BNS00, BPvW96, BMMS01, BOS+95, CW00, CCC92, DLP99, Fra92, FV97, GP97, HIKM94, Lat98, ST02, ST06, SCD09, Wu94, dBL95, oPP00, Che05, CMS04, FMR05, HS06, Ho91, KR87, LR03b, LSWC14, OWK14, SZ03, Wu03, ZA05]. Broadcasts [WD02]. Broker [HR00]. Brokering [CPJ+19]. Brown [DTK11a]. Browsing [SF90]. Bruijn [ANS97, CT96, FT04, HOS94, MVM04, Swa98]. Brunotte [Tát11]. Brzezinski [Ano96]. BSF [Sok21]. BSP
[CTZ99, GS98, GLC01, HH01, HM99, KP00, RGD03]. **BTNC** [ZWS⁺20]. **BTS** [BKK⁺11]. **Bubble** [DF94, PIB⁺01, GNZ18]. **bubble-type** [GNZ18]. **buddy** [LC91b]. **budget** [ZVL15, dR09]. **budget-aware** [ZVL15]. **Budgeted** [WYW⁺20, Sta17]. **Buffer** [FM99a, HV95, MSSE02, PY09b, CHX⁺17, HV09, IIH16, PBS08, SCC⁺06, WCWO17, WYW15]. **buffer-based** [HV09]. **Buffer-Optimal** [HV95]. **Buffer-Safe** [FM99a]. **Buffered** [AA95, KJ84]. **bufferless** [BMIM07, LLT12]. **buffers** [DW04, EKNS17, LS⁺21, WAS88, ZCF⁺17]. **build** [ZHH15]. **Building** [Haw97, IK93, RJKL11, SK93, Suk18, ZW13, CZ90, DMSB20, HSS10]. **Bulk** [GV94, Lu01, FXW03]. **Bulk-Data** [Lu01]. **Bulk-Synchronous** [GV94]. **burst** [KLL⁺21, WCWO17]. **Bus** [CKL99, DVZ96, FZVT02, FY96, GK98, LPZ99, TVS97, VB02, dR09, BPP05, CLM90, DS04a, HNN⁺20, JSWB92, MS88, MHBW86, PTN⁺19, TJCB10, YB90, YGZ⁺10]. **Bus-Based** [CKL99, TJCB10]. **Bus-Connected** [DVZ96]. **Buses** [CL96, HQPT99, IM00, KC98, LS94, NS94, TVT96, TBPV00, WHT00, ZLPP01, BG16, Car90, JW89, KRL87, Mat06]. **Business** [MBS⁺12]. **Business-driven** [MBS⁺12]. **Busy** [SP96]. **Busy-List** [SP96]. **butterflies** [CI03]. **Butterfly** [JH94, VAF19, TDM05]. **bypass** [dOBG⁺15]. **Bypassing** [DKK18, EL20]. **Byzantine** [CBV08, DPBNT12, HC11, IRRS16, LHW14, MT14, PP06, PB21].

C [CD98, DZDZ01, EFG⁺14, HCM11, KGPT21, LS85, ZH99]. **C-AMTE** [HCM11]. **C2FPGA** [CSJ⁺13]. **C3** [Ano04c]. **C3-** [Ano04c]. **CA** [Chi95]. **Cache** [DS95a, Dah99, DKK18, GS96, HP97a, LY98, LY01, LF92, NB93, PL95, PY96, RL96, San95, TTD95, TLC20, Yan93, BW89, CWLD05, CK13, CGK20, CDAN14, DK04, FABG⁺19, GJG88, GVA⁺08, HCM11, HZY04, HC09, HSMB01, KK11, LC11, LZX11, MYY17, MPG17a, MA11, NMP02, PB20, SAY20, SYUY07, SS17, VRS17, WLZ⁺18, YCC05]. **Cache-Affinity** [TTG95]. **Cache-Based** [RL96]. **cache-coherent** [SYUY07]. **cache-oblivious** [SAY07]. **Caches** [DS95a, YAS98, ATK19, DMI⁺19, EHL⁺15, NSAS10, RFPAG08, SD91, SS17]. **Caching** [BS96b, BS96c, CS17, CK99a, 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, Ano96i, Ano96j, Ano97i, Ano97j, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano01c, Ano01d, Ano01e, GSC96, LGK⁺12, RKK06]. **Calls** [Ano98k]. **campus** [CJYC19]. **Can** [KSSK16, BNP02, CDA20, HBS17]. **cancer** [VJR20, XTN12]. **CANE** [LAS⁺19]. **Capabilities** [Fra92, MMR98, TVW92, FEH⁺14, GRS19, RB11]. **capabilities-aware** [RBN11]. **Capability**
[Guo94, JLWX11, SP96, YWP00, BJ15, CKC19, Ho91, HK04, dOBG+15].
capability-aware [HK04], capable [SMP17]. Capacitance [YB01].
capacitated [LLR+21]. Capacity
[ACD+93, MO97, TODQ18, ACCP12, BKK+11, JHPL13]. Capacity-aware
[TODQ18]. CAPTCHA [AMP20]. capture [BOT13, JXW06]. Capturing
[ISA07]. carbon [XB20]. cards [KME09]. Cares [BL94]. Carlo
[DP021, Bro96, PAS15, ZS13]. carried [NCT+07]. Carrier [DL01, BC11].
Carry [NIR86]. Carry-Lookahead [NIR86]. Cartesian
[GOH+13, ANS97, Dim04, ISAZ10, MASE11]. carving [RRS+08]. Cascaded
[Wil90]. Case [BA01b, GT02, HPT+97, MS99, PP13, SS93, TCL20, WNA+94, WLR90, AGMS16, AES11, CCK+08, CHL18, DJ19, FRM15, GRR+05, HDR13, HA91, Li06a, Li06b, PCMM+17, RÖE+18, SJV18V19, TdAR18, WLCZ15, WM13, ZKZF18, ZLJ+19]. CASS
[Cou93]. Causal [CLZ02, MT97a, PRS97, RS92c, CZZY09, EDH+17, FJC04, LWCL21, dAAD+19, HCR12]. Causality [MCS14, KSV20a]. cause
[LXW+11, MBR19]. caused [Zha11]. Cayley [BS03, WLD00]. CBase
[ZLZ+19]. CBIR [BRPR06]. CBT [GS10]. CBT-FR [GS10]. ccNUMA
[MT10]. cDNA [TM06]. CEA [LY12]. CEFT [ZJ06]. Celeste
[FTM+19, Lis90, ZPK+14]. Cellular
[CS00, DL01, DMCV10, Oru87, Tan84, ZR00, ANEA13, EM11, FCG04, GKS15, GMXA07, LMSK18, MAM05, PD19, PD21, PSRS12, Pet18, ZBW17].
cellular-based [GMX07]. center
[BFH+17, CGC16, FP03, SCW+18, ZLZ+19]. centered [LWCC15]. centers
[AG12, AK18, CW21a, FWZ+20, FHG+20, GYAB11, HTB19, HLBZ20, MB19, MLK+16, OJP+18, PPN+20, RT18, TVT+17, YAK15, ZV14, ZV12]. centrality
[YL11, SSQ+15, WS13]. centres [MRPH20]. centric
[GF20, KTP17, KSI04, LAS+19, SBBP20, VS18, XYZW14, XCLR07]. certified
[AAD+20]. CFD [BAMM05, KAL04, MS09]. CFPA [MSEM+19].
CFSec [AKS+20]. CGM [KP00]. Chain
[BNP98, Lu99, ASKO16, GRV08, LWW19, MV05]. chained
[BM14, CMR+18]. chained-cubic [BM14]. Chains [NH93, LBMG15]. Challenges
[KGK+20, LDD19, NKS17, PJ18, AFH+19, IOG20, PSC+16, SAB+92].
CHAMELEON [KSB+20]. changes [DB08]. Channel
[AM95, BNS00, BPRS04, BKT95, CS00, DSST95, GCKM97, HP00, JK00, KKGS01, LM96, LWW12, PA97, SSZ10, BGLA03, CCHC09, CL09, DRT07, GDL+11, GZV14a, GZV14b, KKK11a, Kim11, ZMG+16]. channel-based
[DRT07]. channels [CK06, KST03, Lee03, LSWC14]. chaos [DZC17].
chaos-oriented [DZC17]. character [MLT20]. characteristic [ZCD+21]. Characteristics
[DK18, LHHV95, BCD+15, GF89, JY06, KGP+21, LTD+93, LF03, RGAN18, SCK03, SWHB17, VM03].
[AW95]. cloth [GRR+05]. Cloud [BGA+21, CDJL09, CDJL11, DED+20, FEH+14, Kur21, LAC18, MSR20, PR13, VS18, XLL+20, ZZZ+21b, ASKO16, ASHO19, ASHO20, AKK+19, AKY+20, Ale19b, Ale19a, AKS+20, AZ13, AM12a, AAD+20, AMSA19, ACCP12, BYH+17, CL14, CCA18, CPJ+19, CXY14, CTKA17, CCGK20, DMKFJ20, DKRC+20, FMIF18, GQZ18, GYAB11, GKB+20, GSASA19, GPSH19, HTB19, HRM17, HLBZ20, HLL+21, HZY+21, HZL+20, HX5+21, HCY+21, HMY+18, IRA20, Jar20, JAB12, KVA18, KBC19, KS18, KKB+19, KSSK16, KGTK20, LQ18, LLB+18, LGM18, LZW19, LWI+19, LSZL20, LMG+21, LCC20, MBM+20, MHLZ16, MYY+17, MXSL12, MYY+11, MA19, NGS21, PLSM18, PH18, PPN+20, RT18, SSG+20, SW+20, SNSK20, SWW+17, SFS19, SLZ+19, TCMB+19, TKR+19, TDCM21, TLW18, TKX+13, VD18, VGMG20, XLC+18, XRB12, XSY+18, XB20, YTH+19, YQZ+20, YYY+19, YYL+11]. cloud [YLZ+20, ZV14, ZLL14, ZDD+21, ZHT16, HAC+19, NLB+18]. cloud-based [AMS+19, GSASA19, NGS21, TMCB+19, WCCH18]. Cloud-centric [VS18]. cloud-enabled [AKY+20]. cloud-fog [DMKFJ20]. cloud-of-things [TKR+19, HAC+19]. CloudFNF [ASHO20]. cloudlets [TPS+18]. Clouds [SBBP20, ACPT15, ACB+15, BKL+20, CKMP17, KM17, KKLJ14, LY+19, LQX+20, LWWQ18, MBR19, NC13, NKK16, PVP18, WWH+21, ZG13, ZVL15]. Cluster [AFL+00, BAHF01, GS01a, HS00, JM00, JK+15, KGPT21, LS01, MKC01, PT01, ARM+05, BMARM07, CCA18, CDS10, CDY+19, FW05, FLGB01, GRR13, HW03, IEWK17, JGMY17, LAK10, LML+10, LU14, LZe11, LB17, LB18, MAR05, MSJ05, MBH+18, NDP13, NVK+11, OC07, PKW+10, PSR05, PVP06, RL14, SAOK05a, SAOK05b, SBC+12b, S+13, Sok21, SMH+14, SATJ+20, TC04, VM03, WLL16, ZBF05]. cluster-[SAOK05a, SAOK05b]. cluster-based [FLCB10, HW03, L+14, MBH+18, PVP06]. Cluster-combining [KGPT21]. Cluster-to-cluster [JKV+15]. Clustered [CP99, MF94, GZY14b, HRC09, Lop18, NS12, SFT+13, Wan06]. Clustering [AS09, GY92, HJ07, T207, TM10, WSH+03, WHT00, ASKTZ13, AYB+15, AS18, BM16, BM17b, BDL+19, BF13, CDDL10, CLC+17, DBFC13, DMK10, GHD20, GYP13, GWH06, HMC02, KG19, KKH17, LK15, LLW07, MCC04, RJZ0, SAL10, SX08, TLW18, WMM09, YB+13, YO11, YWW+12, ZMC11, ZZZ20]. clustering-based [MCC04]. Clusters [AY97, BJ99, BP01, BDH+97, Dk00, KMKD97, KR98, LC97, PN97a, PN97b, WB96, WC02, AR+18, BCFF05, BJS03, DCA+15, FFGE12, FMF05, Fu10, GJA08, GRS19, GYY+14, HV13, JM14, KG19, KKH17, KLY05, KCR14, ME04, MMY11, PYF08, PY09c, QJ05, Q505, SS11, SPBR20, SM04, TC03, VBDRC13, WQL14, uRIL+18, WNL06, WH17, WLWW09, YH07, YJK+10, ZB09, ZMC11, Z108, ZHLQ12]. CM [BSGM90, LAD+96, PTC+93, Sab94, Sf91]. CM-2 [BSGM90, Sf91]. CM-5
Combining [AAC10, CMMT13, LKK94, LK98, LC96, SZ00a, SR16, UBES10, WMY+17, WR95, BCC+18, GWWL94, HDJ08, KGPT21, SFML21, TY90a].

COMMITMENT [AkBA+20]. Comments [Cha94, GRV08, Pan09].

Commercial [DZDZ01, MKC01, NKC+97]. commit [nYA91]. Committee [Ano93a, BDP16].

Commodity [PVPM06, MC03, ZB09, ZXB14]. Common [MS99b, ALH+09, CTA20, MS88, FII04]. 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, GK98, GPS96, HQPT99, HH01, HP95, HS93, HA92, IM94, ITT04, Joh87, KL01b, KLS90, KS00, KS02, LHS97, LZ02, LR03a, LO96, LPFW92, Mck94, MRRV98, ML+16, MSST99, ODXX21, PP96, PB99, QH96, RFS+12, RWK95, RS92c, RU99, RMC97, SCMO9, SS99, SOCG94, SSK96, SBAM96, SKH96, TF92, TSHH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, AFA13, ARP18, ALTV13, AKS+20, AM12a, BM17b, BFTV87, BCM87, BBR13, BOS+91, BRP03, CCS06, CNS03, CHC05, DB11, DUKC+15, DAPR18, DW04, Edc91, EDH+17, FW05, GPT06a, GM13, GP05, HK05, HZL+20, IB04, JJ12, JZZ+17, KLY05, KSG03].

communication [Lai86, LAK10, Lo92, Lun90, LM09, LWCG14, LLW12, dAMFdS13, MAM05, MTL+18a, MCM+11, MPG17b, NRM+09, PB90, REK10a, REK10b, SS89, SPBR91, SAL10, SLV19, SR14, SLKK12, Sta04, SW90, SZB16, SSGZ13, Tam18, TW15, WPC19, YCH+10, YQTV12, ZBF05, ZV09b, FPS12].

communication-avoiding [SLV19]. communication-aware [ZV09b].


communication-induced [LM09]. communication-intensive [MLK+16].

Communication-Minimal [Xue97]. communication-optimal [MPG17b].

Communications [AMN00, BD00, CQ95, DRR96, LLJ00a, SC91a, SHC93, TSC01, WA02, YMG01, ZR00, CGC21, EB09, GP10, GMH+91, LHP07, MBBD13, PGP+12, TP18, TKG+17]. Communicator [KF90b].

community [CTC+10, LpJS+18, TPa09, WLYS19, ZLL14].

community-based [ZLL14]. Compact [BT20, CDF01, CJ99a, CJY04, CI03, NCTT09, NKV14]. Compact-Port [CDF01].

Compaction [BHR91, Kar95, SLHS91, WD94]. Comparative [AAD02, GS00, QM01, SJVRSV91, HA91, KBK+19, PL03b]. Compare [KW20]. Compare-and-Swap [KW20]. Comparing [GGW96, YL98].

Comparison [BSB+01, DRSB01, Fre96, GY92, GRS19, JW96, KA08, KA99, OP98, SOB02, SAC+98, Tay02, AFM03, AG12, Ben19, FGZ03, GHC+17, HDJ21, JKIE13, MP10, NSK17, SMI10, SNS94, ZTFK16].

[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,
SD99, 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, HKMU98, HM01, SP96, SHL95, TT98, Wag94, ZW00. LFZ+17,
MPZ09]. completely [SPC+17]. completion [KSG03]. Complex
[DDO+18, GPS96, HASB16, ATD20, CM12, DF17, HHA14, JKD+15,
RB+B11, SW12, SJG19, ZT20]. Complexity
[BH93, CMS92, Djoa06, FAGW95, Fra92, GRV97, Gou98, JBL02, KCP19,
Tay02, Ati20, AEF11, BPW05, CH66a, DUW86, FWM+10, RKA20, SSS88,
So13, THSS87, WG08, XL11]. complexity-effective [FWM+10].
compliance [AM06]. Component
[AGH12, HPH94, SR94, HdR13, KRKS11, VLW18, ZXY21].
Component-based [AGH12]. component-oriented [HdR13].
Components
[BJ96, Kar02, BBB+06, GHLJ19, Hoh90, LWR+03, MHPR05, ZAB20].
Composed [SM92a]. Composing [BA96]. composite [AAD+20].
compositing [WGCZ09]. Composition
[HL98, Tay02, CJ17, IRA20, WMY+17]. compositions [FZ14].
Comprehensive
[DG94, CJA+19, GM14b, MFT+19, TH19, Upa13, uRIL+18, ZAB18].
compressed [WBTM09]. Compression [SYO94, CW15, CD95, DKS21,
HBASA19, JKV15, KP17, NRM+09, SR91, AGH12]. compromised
[LXG21]. Comput
[KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. Computation
[AM97a, AISS97, BCV94, BP95, BA01b, CA95a, GM94a, GM95, HR92b,
HR92a, JSS92, KF95a, KS00, LHM95, PB99, QH96, Sch90, Sin87, SA93,
TR96, Win85, Ale19a, CR96, CXY14, CL85, DB11, DHK04, DWHL87,
FLZ+20, JT88, KSG03, Lee90, LMB+17, LGM18, MCT14, NCTT09, PK07,
RMU14, SSS11, SD88a, Sok21, Sz02, VGAB08, WL04, WO09, ECO+09,
XLH18, YJL16, YJB91]. Computation-Intensive [CA95a].
Computational
[APV18, DRC90, JBL02, KRW96, KR97, Num08, Num09, AAH17, AB03b,
AGM96, CCE+17, CLZ19, CS06a, DHS06, KHT+14, LGRV19, LBE03, MS19,
MJ03, Pen11, QGZP19, RBN11, SMO14, SNC12, Tz06, ZLK19, WW03].
computational-power [ZLK19]. Computations
[AGF94, AMN00, AP94, Ano92a, BR95a, BDKM94, BW95a, Cas93, CN93,
CQ95, CGA98, DUSH94, DN94, GR96, GK98, HH97, HJ01, HF02, KL01a,
KME92, KC99a, KS02, LPZ99, Man94, MR94a, MP93, MNN98, NRS95, Nas94, Nic94, OS96b, OSZ98, OP98, SV00, WB96, ZB97, ZYO02, AAD05, AFM03, BD11, CG10, DMCFCM03, EL91, FXW03, IEWK17, Joh87, KME89, KHK03, RV13, SSB15, ST89, SC04, SK91, SWLP19, SMH +14, SS94b, TG04, WJ14]. computations/applications [KHK03].

Computes [ABM +92, CM92, CTZ99].

Compute-Intensive [ABM +92, KAS07].

Computed [KDO +13].

Computer [BCH95a, BS96b, BS96c, Cha94, CDP95, DB18, HHM94, IWM97, Kri91, LLS93, LR94, MKY +97, NSS97, PEC95, VV90, WF93, WHT02, BDRB14, Emel13, FSP18, Gai87, GE85, Gos90, GREC91, HR89, HR90, Irw88, JW89, KK86, LMB +17, LB17, LV88, MP08, PSC +16, SAB +92, Vel89, WJD91, PR13].

Computers [Alu97, ADM +94, AB93, BS90, BR95c, yCM98, CCC92, Chi92, CY96, CJ99b, Fer93, KGV94, Li01, MT96, MSC96, MYD95, Moh96, NFEG97, NS92, PE93, Ree84, SR94, Sto90, Tan84, Tan93, VSM96, WLR90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c, BGM +08, BCF +94, Car90, CT94, GMS06, JG05, KESA07, LR06, Li16, ML89, PB90, Ra04, Sab94, Sch87, WRHR91, ZLPR91]. Computing [AW95, AL99, AM97b, AkBA +20, ANT02, Ano97k, Ano99g, Ano01e, Bai94, Bir94, BD00, BSB +01, BDH +97, BNSP99, BS09, BS11, CA94, CEF +95, CDJL09, CDJL11, CP99, CGFH19, DDO +18, Deh90, DED +20, DAYA02, DBP94, DB18, Emel13, EL94, ES97, FFK97, FPP +08, FGK97, GR97, GS01a, HGCC96, HS00, HAC +19, HHC98, KSA95, KMKD97, Kri92, KRS13, KC99b, LAS +97, LL11, LFA96, LS01, MWL00, MAS +99, MS +13, MC93, MNK12, MBG +17, NA06, Nee17, OY00, PN97a, PN97b, Pat01, PT01, PRS97, PBB +17, SM94, SdS97, SLL18, STS19, SR95, SFC17, SS97, Szy95, TPS +18, TJC10, TPJ +19, BG90b, VR94, WR97, WSRM97, Wei98, WF96, WLD02, wXH00, YZ96, Z097, ALM +16, AAK +13, AC89, AMU +19, Alm20, AY20, AM12a, AMT13, ASC +18, Arb89, AM06]. computing [ACB +15, ABPL17, BC06, BW09, BFL +13, BDDL09, Bou03, BH05, BSH13, BL +18, BYH +17, BAK +03, CF +18, CMMT13, CCS06, CVK +18b, CPJ +19, CSW08, CTKA17, CVJ09, CDR12, DK08, DDG +17, DGSM20, DF12, DÖ06, EL88, EFG +14, ES12, FLZ +20, FF14, FC14, FKR +17, Fu10, FX10, GQZ18, GMSS +11, GWL94, GAC +17, GRZ +18, HES10, Han89, HNN +20, HR18, HKTG20, HLL +21, HZL18, HLL +19, hM14, IB04, Jar20, JHL +18, JTC +18, JtD97 +15, KHW13, KDO +13, KBC19, KS08, KVH07, KV10, KCR14, KOL9, KL05, KCFP18, KBD05, KD18, KC04, KMS +06, LLR +21, LTL06, Lsu2, Las12, Las13, LHWJ19, MCC +05, Li05, LZY11, LLC19, LBT19, LWH +19, LJY +19, LSZL20, LMG +21, LZD21, LS10, MY08, LML +10, LPX05b, LE19, LW +20, LR05, Luk85, LS07, MYY17, ME04, MSRB19, MSRB20, MN +19, MB21, MCT06, MZC18, MFT +19].

computing [MM91, MK +11, MSJ05, MA19, MKN14, MC03, NXTK17, NdA +20, NML +19, NDW17, NDSZ18, NA04, NRM +09, Oza04, PLD14, PH18, PGK18, RBN11, Raj04, Ren11, RWF +21, RRS +08, SSG +20, SMW18,
Concentrate [LW95]. Concentration [JL05]. Concept [DFLO17]. Concepts [TAS+01, MAGL13, NKSÄ17, ZZ90]. Concerning [IPK85].

Concurrency [Ahu90, ADD17, KCV99, LZCY09, MS96, NMS93, RM90, SRI14, UBE10].

Concurrent [AYJ93, ACHY18, CCM92, CMN12, DBLB+12, FPD93, IM94, JH94, MM04, RSD94, RS924, TGFPR20, WCF94, WW96, W993, WT92, BE13, CT19, Ch195, CMT92, DB08, FJSW90, GV86, KME89, PVP18, Par89, PMV20, SW18, ST05, TK07, ZQL+21, Chi95]. Condition [SJ96].

Configuration [CSS11, CW09, ERA95, RLS96]. Conditions [DJ98, HM96, MI92, Ste17]. Conductor [HS97]. Condors [BZH06].

Confident [YDZ+18]. Confidentiality [ZHT16]. Configurable [TCMB+19, ZMZJ17].

Configurations [LK94]. configured [ZV06].

Conflict [BP02, CH92, DP00, DFP06a, HV09]. Conflict-Free [BP02, CH92, DP00, DFP06a, HV09].

Conformance [MTF+19]. Conforming [LGM18]. Congestion [BDF01, MSEM+19, AA10, BM11, BFVB19, ESGQ+14, ESGQ+18, KGP+21, XWC+08, YJDK10].

Congestion-oblivious [BFVB19]. Conjugate [Bas97, McA89, GLW14, LR14]. Connected [Amm21, Ann94, ADN+94, BJ96, BHC95b, yCM08, CCC92, CWW+95, CT94, CY96, CDP95, DV96, Fer93, HHM94, KRKS11, LH92, MD01, Moh96, SR94, Tze93, Zhu92, ZY002, dBL95, BB95b, BD90, BJ18, Car90, DW06, DQH+21, GP07, GQX20, HJ07, HS04, HR90, JT88, JP17, JL05, KBW20, KO12, KT91, KF90a, LC90a, LC91b, Li06b, LV88, MHP05, PB90, RAJ94, SI93, ST06, SSM89, SC91a, TR08, YM06, YSS11, YWW12, ZAB17, ZAB20, HW96].

Connecting [FT94]. Connection [AYJ93, GHS99, ML89, LXS92, TT07, YSL08, ZWS+20, CM93, CCR02, EHS94, EAD+96, LTD+93, SAB94].

connection-based [TT07]. connection-level [YSL08]. Connectionist [MBK+92, TR89].

Connections [Goe94, TC03, ZQ+21]. Connectivity [W192, ASM09, BCMV15, DH91a, OMSGNSG05, SK99a, Ten16, ZXY21, ZHW19].

Conquer [CTZ99, AY89, BW90, GDL+11, PV19, Sto87, TP18].

conscious [GYAB11, OC07]. Consensus [PB21, AAI+15, DGFR21, ISM07, LHW14, MR09, Pou20, WTC08a, WTC08b, WWW17a, WCYR80, XBB07, DS04b]. consequences [YBM13].

Conservation [FLS+97, SHRM19, XS11]. Conservative [LA93, BD04].

Considerations [Ger98, VWHL96, RSK19]. considering [MLMSMG12].
Consistency [Bir94, CA95b, GAG+92, SS08, DMSB20, Fei03, HC09, KBK+19, Ksh17, LC11, LHZ+18, MCD+21, RHH12, WDDK09, XO05].

Consistency-driven [SS08]. Consistent [KCDZ95, HK08, JLM08, LFA05, SÖAOA20]. consolidation [HLBZ20, MA19, RT18, ZLCZ18]. constancy [EBn04]. Constant [KCDZ95, HK08, JLM08, LFA05, SÖAOA20]. consolidation [HLBZ20, MA19, RT18, ZLCZ18]. constancy [Ebn04]. Constant [KCDZ95, HK08, JLM08, LFA05, SÖAOA20]. Constant-Time [BGOS95, COS+95, DS01]. Constrained [AZ01, BSDE96, BSH15, MMVR97, RL95, BKS05, CHX+17, HP06, HLL+21, JHF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZV09b, ZWYX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11]. Constraints [BA96, KB96b, LTW95, van96, AP91a, Ay89, Ati20, ACS+95, BS01, KBG92, RO92, TVS97, SDLM20]. Constant-Time [BGOS95, COS+95, DS01]. Constrained [AZ01, BSDE96, BSH15, MMVR97, RL95, BKS05, CHX+17, HP06, HLL+21, JHF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZV09b, ZWYX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11]. Constraints [BA96, KB96b, LTW95, van96, AP91a, Ay89, Ati20, ACS+95, BS01, KBG92, RO92, TVS97, SDLM20]. Constant-Time [BGOS95, COS+95, DS01]. Constrained [AZ01, BSDE96, BSH15, MMVR97, RL95, BKS05, CHX+17, HP06, HLL+21, JHF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZV09b, ZWYX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11]. Constraints [BA96, KB96b, LTW95, van96, AP91a, Ay89, Ati20, ACS+95, BS01, KBG92, RO92, TVS97, SDLM20].
CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOGH17, HCZ04, HZY+21, HMY+18, JTZZ11, KD21, KNS91, Kim11, KGN11, LL90, LZCY09, LCW05, LWLD12, LL12a, MLZY17, MRC21, MG09, MBO11, MCZ14, RGB20, RCG+11, RKK06, SRI14, TG04, WRW13, WJD91, WHS18, XYDL06, XLW18, XWC08, YBM13, YJKD10, ZMZJ17, ZBW17.

Control-Memory [BCLR96]. controllable [ZHT16]. Controlled [CGSV93, Li99, MG91, SDS99, SD00, WXMZ19, BYT19]. Controller [EMSEMM20, MMEG+21]. controls [YSL08]. Convection [CEGS07]. convergecast [KK06, PLY15]. Convergence [GCC95, ÚD96, YBOY97, CDD+15, PH18, Tor89]. converging [BHK17]. conversion [FC14, SMH91]. Convex [DS84, DFRCU99, LP97, Wu02, DDNS06, GS03a, RBD08]. convex [LHT08]. Core [BCR96, DDO+18, PL94, AFA13, APRA18, AA16, AR17, ABLP17, AVAH18, BBBC12, BV21, BLMB13, CDD+19, CMIM13, CSS21, CHLL18, CKE+13, CMC+19, DBA+18, DWYB10, FTM+19, GZG+17, GS18, GKS15, HMC20, Hus17, JB20, JHF+17, KSB13, KKB+06, KN11, LWC+18, LKS14, LN1L17, LSC+15, LHT08, LL+16, MBBD13, NMR+19, MZC18, MAHKZ12, MGRK14, NMSG20, NPVG+19, PCMM+17, PGP+12, PTK+13, PR13, RLA+16, RLA+17, Rú04, SNMB16, SFT+13, SCB09, Sol13, SAJ13, SHRM19, SBSB20, Trá09, TLC20, TCH12, WJW07, WQZ+13, WH17, ZXB14, Zha11]. Cored-Based [LHT08]. core-periphery [ABL17]. Cored [GS1b].

Cost [AZ01, AAD+20, Ano92c, BC01, DJDK19, DT97, FM99a, GPS96, HCS+00, JH92a, JLRA97, KER01, KYZ+20, LO96, Nic07, PP96, QM01, SC95, WC91, Wei12, YPD+20, AMU+19, AP91c, AM12a, AD12, BJS03, CPL18, CL09, DKUC15, DLL+21, ESGQ+11, FWZ+20, GJXZ05, HS12, JLWX11, JHZ20, KSK15, LMZ04, Li17, LWD+20, MSM09, MP15, NV19, NML+19, PTN+19, SSM+07, TCMB+19, WCR+20, Yan09, YGZ+10, YYL+11, ZJ06].

Cost-Driven [FM99a]. Cost-Effective [BC01, AAD+20, AMU+19, AM12a, JLWX11, NML+19, WCR+20, ZJ06].

Cost-efficient [Nic07, ESGQ+11, LWD+20]. Cost-Optimal [DT97, WC91].


course [Bog17, Ewa18, LB17, LB18, PS17]. courses [FSP18, Kum17].

Cover [Ano04e, Ano20x, ANP07, DDNS06, KO12]. Coverability [SP90]. Coverage [ZCV19, Amm16, Amm21, DGBN14, GM14a, HWC08, PSRS12, PCX+11, PCX+14, REZ17, WMW09, YDZ+18, ZC04]. coverage-oriented [ZC04]. covered [CHCG18]. covering [KCR14, ST12]. coverings [Bo89]. Covers [ABC96].

Crash [BG05, DDG17, DGF01, DFR21, ISM07, MFV08, MR09, PMH19]. crash-faults [PHM19]. crash-prone [DDG17, DFR21, MFV08].

Crash-recovery [BG05]. crashes [GK15]. Cray [CDH84, SI91, YQTV12].


Critical [BLG01, LC14a, Seb95, GST09, TYH09]. criticality [ZZJ+18]. Cross [IEWK17, PQ19, SJS11, WXZ+18, CI03, KPR88, LST+13, WCL+13, YFY17]. cross-architecture [YFY17]. cross-layer [WCL+13].

Cross-scale [IEWK17]. Cross-Site [WXZ+18]. Cross-state [PQ19]. Crossbar [CP01, KJ84, OK01, PD92, KK17, LLW9, MC98, Wi90, ZPK+14].

crossed [CW09, CFJ8]. crossing [SSS07, JD12]. Crosstalk [QIA97].

Crowd [KDSS18]. crowds [DT21]. crowdsensing [WYW+20].


cryptosystems [AVAH18]. CSA [Ebe94]. CScript [DMSB20]. CSD
KHT+14. CTS [ASSS19]. Cube [BCH95b, JH94, MS85, RP98, Tze93, AP91b, JT88, JL05, KF90a, PK04a, ST06, LH05]. Cube-Connected [BCH95b, Tze93, JL05, KF90a, ST06]. Cubes [HJ90c, HTHH02, JH92b, Lat98, XL95, BVB02, CW09, CFJW13, FLPJ07, KBW20, LFZJ18, MKW18, PCC20, SAOKM03, WFZJ12, WS97b, XHZZ16, YTH07, YD98, ZXY21]. Cubic [BCH95b, Tze93, JT88, JL05, KF90a, ST06]. Cubic-Connected [BCH95b, Tze93, JT88, JL05, KF90a, ST06].

Cubic [HJ90c, HTHH02, JH92b, Lat98, XL95, BVB02, CW09, CFJW13, FLPJ07, KBW20, LFZJ18, MKW18, PCC20, SAOKM03, WFZJ12, WS97b, XHZZ16, YTH07, YD98, ZXY21]. Cubic [CP98, BM14, MP88, YME06].


curve [LS97, MMCL+17]. Curves [ST12].

customization [HCY+21]. Customized [Isl97, ZLP97].

cut [DRSB01, KLLK98, CRD17, GS20]. Cut-Through [DRSB01, KLLK98].

cuts [LÜ14]. Cutsets [DH94]. Cyber [HRM17, NVE+21, QGB+17, CWCW18, CSW+17, DZC17, GQZ18, JWH+17, LLWC17, LMXJ18, MMN+18, PST+19, SLG+18, ZXR18].

cyber-enabled [GQZ18, LMXJ18, ZXR18]. Cyber-Physical [GQZ18, LR17, NVE+21, CSW+17, JWH+17, LLWC17]. cyberthreat [KAA+19b]. 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, HABD15, JT88, JL05, JD12, KF90a, LDSB+18, PK04b, ST06]. Cycletrees [VB96].

Cyclic [OP96, PT97, SSG93, BD05, HOS03, PK05a, Sch87, ST87, SPH13, LY12].

cyclic-by-rows [ST87]. Cylindrical [WN94].

d [AA14, Ano92a, Ano93c, BAES92, CS93b, GOH+13, SS94b, AA16, AR97, BLPV95, BFG94, BDRB14, BAL05, BHB+21, BC94, CW00, CS92, DJDK19, DSAUM99, DQH+21, GW99, GRS91, HHTK96, HKT94, KRKS11, LLS12, LME95, MKY+97, MPG17b, MCC20, NM17, OGRV+12, PYP+10, PEC95, SLV9, Wan07, WS95, Wu02, YAI1, YB01, ZLS17, Zsa16]. D-ISODATA [DSAUM99]. D-NoC [AA16]. DADO [SM86]. DADTA [ZLCZ18].

Daemon [KY02, BBD18]. DAG [CJ99a, CJY04, DQR+09, RWF+21, Tam18, XLHT13, ZS13]. Dags [BCLR96, BSS+13, CDR12, MSV19]. daisy [GRV08, MV05]. Dandelion [CP10a]. Dandelion-like [CP10a]. Dark [SDS+18]. Dark-Silicon [SDS+18].

DARPA [WRHR91]. Data [AOS+05, AL04, AAL95, ALS91, AS13, AS15, Ano96j, Ano00d, ADM+94, BVB02, BCD95, Bal09, BSB+96, BSH+94, BR95c, BR02, BS09, BS11, CGN+13, CDY97, CK08, CGL+95, CP92, CH94, CRFS94, DOP98, DRC90, DSAUM99, DRST02, DHR96, DSD+97, DSS95, Fak96, FWZ+20, FMP98, FKKC97, FMW+94, GG94, GP93, GC01, GDN+98, GS96, Gup92, HK01, HJD+01, ISZBM99, JW94, JS86, JB93, KR97, KLS90, KRS01, LSCA93, LZ02, LAS+97, LY98, LO91, LO96, LW19, LL95, LSWC14, Lu01, LWWQ18, MD13, MS85, MRRV98, MK92, MRK93, MN95, MM98, NBP98, Nic94,
OK02, OP98, Ozt11, PHB96, PH91, PL98, PT97, QZ94, QH96, RSW90, Ros99, RW93, SS89, SMH94, SG99, SR97a, SAC+98, SSHC00, SHT+95, SS94a, SYG97, SPPA19, SR92, Str95, SC91b, Str12, SV00]. Data [SFC17, SLH519, SG96, TSC01, TR96, BG90b, VBM90, WB94, WNA+94, WPKK94, WSS93, Wei02, WS97a, XMMD17, ZMCP11, ZTFK16, ZRC99, AAA+15, AKY20, AMU+19, AA21, ASB18, AKB20, Amm16, AH12, AGWY11, ACP15, Ara90, AG12, APK18, AYB+15, AEY12, AK18, ARDQ18, AS18, BFH+17, BCO+12, BH86, BR91b, BEN12, BMLLC19, CK06, CF88, CF19, CMR+18, CJYC19, CKN07, CGC16, CLC+17, CPLY18, CW21a, CW15, CLL09, CTT16, CTT08, CCC+19, Cuz11, Cuz13, DF17, DTM18, DTK11a, Ech18, ESTA94, EDö05, ECP+18, FCW11, FHG+20, FLZ+20, FRM15, FP03, Gao89, GF20, GYAB11, GE85, GLF20, GS91a, GAJ08, GLGLBG12, GM14b, GBA08, GB11, HMV07, HLS03, HTB19, HSMB91, HP06, HLBZ20, HA05, JLY12, JJJ21, JBS14, JHPL13, JHL+18, JHZ20, JZ05, JZS+20, JWH17, JdSJC15, JKV15, KAS07, KA08, KHK03, KAS07, KCR14, KSB11, KLM5, KTM+21, KKTZ13, LWC+18, LL19, LHF91, LWZZ12, LC91a, LC11, LY12, LLWC17, LZWZ19, LAS+19, LBT19, LRV20, LW20, LQJ+19, LLW07, LSZZ15, LWW18, LZY+18, LW+20, LBHW02, Lon04, LA04, LGK+12, LSZJ15, MCdS+06, ME04, MB19, MLK+16, MBMC19, MP08, NLB+18, NT20, NS90, NCT+07, NCA+12, NCB+17, NAK+11, NKK16, NAK04, NTC03, OWK14, OM10, OJP+18, Pad91, PST+19, PPN+20, PSpR05, PS14, PLR07, Psa96, RBN11, RT18, RB12, Ren11, RMU14, RBA+18, RAN+17, RH20, RJKL11, SMW18, SAY20, SHK19, SS08, SC04, SCW+18, SCM+13, SM80a, SK05a, SD88a, SEM20, SWW+17, SR91, ST08a, TR89, TBHA07, TZH+06, TK07, TH19, TVT+17, TLW18, VETT18, VLG+18, VMMB10, VB08, VRM10, WRS17, WSH+03, WSV09, WZZ+17, WWW+17b, WCH+17, WW18a, WXM19, WLZ20, WHY+21]. Data [WL05, WG11, WLZ+18, XHZ+10, XSYG18, YBX+13, YZC+19, YAK15, YLZ+20, ZV14, ZKF18, ZLZ+19, ZNX+21, ZDZ+21, ZV12, ZWW17, ZSCX18, ZHT16, ACB+15, LSZJ15, PJ18, RAB08, WLL08]. Data-aware [KAS07]. Data-/compute-intensive [KAS07]. Data-aware [ZTFK16, AYB+15, VMKB10]. Data-center [FP03]. Data-centric [LAS+19]. Data-Driven [JB93, VBM90, WSS93, BH86, KH03, NCB+17, WLZ+18]. Data-Flow [BG90b, SPPA19, GE85]. data-gathering [LLW07]. Data-Intensive [BS09, ZMCP11, RBN11, SC04, VB08, WZZ+17, WG11]. Data-oriented [LWWQ18]. Data-Parallel [AAL95, Ano00d, BCD95, BHS+95, CGL+95, DSD+97, FKCC97, KR97, OP98, QZ94, QH96, Ros99, RW93, SAC+98, SSHC00, Ste95, WB94, WNA+94]. Data-stream-based [CK08]. Database [DSW94, HLLY95, HTL99, LLS93, LHM95, MB93, RSD94, YMR93, BH86, CI86, HPSM91, LY91, LZC09, LLB+18, TR16, XLC+18]. Databases [BM95, CS95b, FCF00, MFS93, Ahu90, Ale9b, BA06, CG86, GPH919, PF08,
GL12, HWWH08, LMZ04, Li19b, MD07, NLB+18, SGR03, WW12, WYW15, WHC+18, WHS+18, YA11, YWG15, ZWW17, KSSK16]. delay-aware
[WHC+18]. Delay-Constrained [AZ01]. delay-guaranteed [HWWH08].
delay-optimal [MD07]. Delay-sensitive [Hu11, NLB+18]. Delay-tolerant
[AH11, WYW15]. Delays [GM94a, G998, KL01b, RWB+13, Sta04, WPC19].
Deleting [BCK+09, PPC04]. deliveries [WE13]. Delivery
[CLZ02, CLV95, THGY15, AH11, B05, KMF+05, KNS06, SZ09, WGCZ09,
WLZ+18, XYDL06, ZLT+19]. Dellat [THGY15]. Delta
[ASB18, KJ84, WBS19, YL89]. Demand
[DSST95, HLL+95, JSCB95, BSW07, FVLB09, G HD20, KyLPC17,
LSZZ15, NKK16, PP+20, SFEF06, WLO5, XG03, YLYC11]. demands
Denial [BK18, KMMZ06]. Denial-of-Service [BK18, KMMZ06]. denoising
[THGY15]. Dense [DVW94, FHL+15, ICQO+12, LKD14, RM10]. densities
[DHK04, LHWJ19]. Density [MC17, BAT+19, WCXL11]. Dependability
[SM92a, WLO5, XG03, YYLC11]. demands [SLW10]. democracy [Pon20].
dependable [CJA+19]. dependability-driven [CJA+19]. Dependable
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[GSG+93, K95, Xue97, CC87, NCA+12, Psa96]. dependences [NCT+07].
Dependabilities [KBG92, TC96, BSMH08, ZLKK19]. Dependency
[GP94, CSJ+13]. dependency-timing [CSJ+13]. dependent
[AL04, BH05, LSWC14]. deployable [YC12]. deployment
[AAD+20, EML11, S+18, TWQS12, VHO8, ZC04]. depth
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derivatives [PK04a]. derived [HCC+20]. describe [JWH+17]. description
[MRS+14]. Descriptor [Ball90, HN19]. descriptors [LNW+12]. Design
[AFA13, AM17, AC16, Ano92c, BAHPO1, BCD00, CGKK97, Car95, CCC90,
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EMP+96, FC90, FR+06, Fer92, GRV08, GFB+92, Ger98, GRS97, GSP02,
HP97b, IJK20, JHK92a, JFZ+17, LL09, Lee91, LH92, LLS93, LLKY13,
MKC01, MP05, MG09, MML07, NBM93, NJ91, Nie94, NSPP02,
OS93, PD19, PA01, PI90, PMCC18, RCB93, RBG17, RPS93, RKK97,
SDS+18, SAOKZ05a, SAOKZ05b, SRR95, Sor13, SHC93, SOG94, TTH12,
WNA+94, WH97, XKMN94, ZPK+14, Ada17, AR21, ABLP17, BBH+17,
BMS19, BZL04, CG11, CSJ+13, CK13, Che86, CHX+17, Chi95, CC90,
DFHH13, D91, EFG+14, FHL+15, Fer90, FCG+14, FD86, GRC91,
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NV19, Nap90, ORWT+18, OMT+17, PLD87]. design
[RGD03, RA11, SDS10, TM06, TB09, VRGS17, VHO8. VLL+14, WSG91,
Wu11, ZMZ17, ZY12, ZV09b, ZF06]. designed [BHS15]. Designing
[BBB12, BC01, CB06, DH91b, FSP18, GP93, GMS+13, GB93, HMG12,
KT89, N92, Oru87, SRGB90, TC96, YCH+10, YFBY17, KAS07]. Designs
[HCS+90, LHM95, MD01, ORu94, Blu87, CP04b, MC17, Man13, PGR17,
Sch89b, WAS88]. Desktop [LSH+13, CCEB03, AAD10]. Detect
[XCH08, UGG+11]. Detecting
[AKPT99, CCCM96, DFN+94, FLS+97, Hwa97, KR98, LHS97, LP96b, LP95, NEQ85, TC96, VB94, YCY+00, ANEA13, AB05, Amm21, CMR19, DMCFCM03, Doh90, DTK11b, FCG04, GSSS03, GB11, HT90, HN19, HS17, KVHS07, KLC05, KKN13, KN18a, KN18b, LSC00, LC91b, LZY11, LZWZ19, LSN16, NKP98, NAK04, PTA08, PK07, SGR03, VP20, WRW13].
dimensionality [BV13].

dining [AFNT17].

DINO [RMHR17, RSW91].

DINSaaS [Kur21].

Direct [FLC14, GV94, LLCC02, MRJ+19, SWHB17, T01, ACFK07, ACU08, PPTV+10, Tam18].

Directed [GY92, LSC00, LY98, LY01, RJY96, BD05, MTM10, TZZ+20a, TDP15, WCWH03, Wu03].

Direction [BEN12, BC94, Ebe94, MSAZ10a, MSAZ10b, TZZ+20].

Direction-based [BEN12, MSAZ10a, MSAZ10b, TZZ+20].

directional [CCHC09].

directions [ACB+15, KGTK20, PSC+16].

Directive [MM15].

Directive-based [MM15].

Directory [GS00, JSM94, RFPAG08, SB15, VRGS17].

disaster [SZB16].

Disasters [FP03].

Disciplines [MSd+95].

Disconnected [GHIJ19, LR03a, MCS14].

Discovering [TFV19].

Discovery [CHGMO1, AOS+05, CKC19, FZ14, KOA09, KKS09, LCW+21, LD21, MKC+09, REZN17, RSL12, SMPMLV11, She09, SK11, TDC05, ZAB18, ZMG+16, ZCD+21].

Discrete [Ano02v, AB93, BBM+02, Bou02, DMSH90, Lin93b, Lin93c, LLCL98, NC97, Pra93, AZC13, CV09, CRC+02, IHI16, LI07, PQ19, SS17, TKHG03, ZS90, ZCK+02].

Discrete-Event [DMH90, Pra93].

Discrete-Time [BBM+02].

discretization [FPdLS+21, SWL17].

Disrupting [DT21].

disease [HA20, VS18, ZXGD18].

Disjoint [BRG96, GT97, GP00, NS90, RSS99, W101, H1AD15, KMC16, L14, L15, Lai17, Lai21, Lin03, LS03, LLW+20, MT14, SMP17, TDM05, WFLJ16].

Disk [CT93, Cor93, ER97, GP93, LP96b, MKC01, MRK93, MFS93, RAj01, RCB93, CL03b, GGY19, JPD17, KR12, NC13, NZY+11, SRT+18, XSI11].

disk-assisted [SRT+18].

Diskless [PKD97].

Disks [KR11, MT93b, MB93, MFS96, CLKCl04, ClkLck05, OC07, RBW+13, VA07].

Dispatch [YZS15].

Dispersing [Gil94].

Displays [Tay05].

Disruptive [SI13].

Dissemination [AHZ11, DF17, LW19, MCdS+06, MSF+13, WW18a].

Distance [BVBO2, CW00, CDF01, DS01, DF95, NM17, ST02, DS04a, EIO7, GQX20, HS04, MBR08, ST06, Tur12, WCWH03].

distance- [Tur12].

Distance-Hereditary [CDF01, HS04].

Distance-Insensitive [ST02, ST06].

DistDLB [LTL06].

Distinguishability [ZCW19].

DistOpt [CLRW00].

Distribute [KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a].

Distributes [LW95].

Distributing [AAA+15, AE95, AL99, AM97a, AM97b, AMN00, AF98, AK17, ABJS01, Anl07, AS13, AF07, Ano96, Ano99g, Ano02v, Ano02u, ABPL17, ABCP96, BR95a, BR96, BFTV87, BGLA03, BCV94, Basin97, BW+11, BA01a, BCH95a, BAS06, BPR99, Bir94, BCD00, BCR96, Bou02, BS+01, BHR95, BNSP99, BS09, CS00, CG11, CTD99, CCM01, CF+18, CC08, CGDS20, CCL1a, CSS21, CSS3a, Cha94, Cha96, CKK00, CNS03, CWG18, CC94, CK97, CDJL09, CB95, CWP98, CM92, CA95b, CLRW00, CJS9b, CP99, CWD11,
Distributed [GM94a, GMSS11, GZY14a, Gra09, Gup92, GKS96, GJS96, HR00, HBCM99, Haw97, HK01, HP97b, HLRL94, HWY97, HLJ01, JPD17, JF95, JKD15, JSM94, JNW96, JR99, KKGS01, KY02, KSSL16, KRC00, KS97a, KDO13, KK17, KHS96, Kel00, KGPT21, KB96a, KZ96, KC99v, KSK15, KS90, KC94, KRS13, KS94, KS02, KKTZ13, KC99b, Lu09, Las12, LYY97, LTH97, LZ92, LC90b, LHM95, Li99, Li01, LLVC17, Lin93c, LLW07, LHT08, L04, LACJ18, LK11, Lu01, LS01, MI92, Man97, MS99a, MLC90, MT97a, Mat93, MSGS13, MSS00, MNK12, MS96, MSST99, MK08b, NSS97, NTA96, NBP98, NM02, OY13, OK01, PHB96, PAM94, PA96, PB99, PSRS12, PK07, PBB17, PRS14, PM92, RSB96, RWK95, RS92e, RDS02, RJY96, RGS00, RAS96, Ros07, RP95, SHSH17, SM94]. Distributed [Sch89a, Seb95, SRGB90, SZW05, Shn95, Sin87, Sin93, SS94a, SM08a, Sn03, SEM20, Soh96, SLG18, Sir92, SBAM96, TH11, TT10, The02, TSC01, TAS10, TG97, TSFZ14, TB90, Tse95, TY95, VP90, Wan01b, WCWH03, WW98, Wee01, WRC12, WMG01, WF96, WLD02, WUG99, Wu02, XKB07, xXH00, XQ04, YH97, YHKR20, YB01, ZV06, ZM94b, van96, AT03, ALH09, AAFV04, AL04, Aln90, Aji9b, AM11, AMK07, AH06, BFG03, BCV05, BM08, BLA05, BBCQ13, BG89, BNP02, Bar05, BB03, BDL19, Ben19, BCMV15, BOKS19, BH08, BK08, BFL13, BD04, BMF05, BH05, BGM18, BCF94, BLZ18, BFKP04, BBL04, BJ18, CSWD03, CG12, Car95, CG14, CG86, CRHC19, CV90, CydBL18, CVK18b, CCTX08, CS08, CKWT07, CKLW91, CLZ20]. distributed [CDA20, CLM90, CkLCK04, CkLCK05, CGG99, CJA99, CI86, CTT08, CTO03, CK91, Cuz13, Cyp95, DMDK20, DK08, DB11, DLM9, DMSB20, DM04, DRT07, DKM10, DH04, DTK11a, DH04, DJT03, Eij18, EBE08, ESA03, EHL15, ES12, FWZ12, FFY19, FPF14, FCC07, Fer90, FL86, FLFZT20, FKR17, FPdLS21, FX06, Fu10, FLC14, FLM19, Gai87, GYAB11, GCS06, Gos90, GWWL94, GC05, GL12, GL90, GN15, HJ90a, Hol90, HLM19, HKW05, HD10, HL70, HLL19, HHK15, IIT04, IB04, IS06, JF12, JK16, JKE13, JLM08, JZZ17, JZ05, Joh91, K15, KHM13, KUA07, KSG13, KKO6, KMMZ06, KAS07, KCD08, Kim11, KKS12, KLF05, KCFP18, KS13, KS02b, KBD05, KTM12, KCD08, KOC04, Lai86, LL19, LLT06, LL08, L09, L05, LY91, LZCY09, LASS15, LVR90, LC91a, LVF07, DdPLC19]. distributed [LB09, LL18, LW19, LXY19, Lop13, Lop18, L19, LA04, LCM16, LSZ15, Lm90, LM09, MLZ17, MD20, MD07, MM07a, MCD12, MSL99, MAPF14, MHPR05, MA11, MBMC19, MBR08, MS86, MTS90, MM70, MFVP04, MPR19, NSAS10, NL19, NPM20, NML19, NTN12, ND17, NSDZ18, NP09, OFS03, OR18, ODXX21, PK05, PK05b, PRH06, PPN20, PG06, PL03a, PC11, Pet19, PH16, PMdO11, Pop91,
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distributions

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Ale19b, Ale19a, CSS21, CL85, DJT03, GDP08, GQX20, HFA20, HZL+20, Jar20, JTC+18, KCFP18, LBT19, LYJ+19, LSZL20, Lin03, LWWQ18, MS19, MB21, MA19, PRN+19, SS03, SÖAOA20, Udd19, WZH+19, WCR+20, YWJ+18, YLL21, YLZ+20, ZCS+18, ZGW+19, ZXY21, Alm20]. **Edge-based** [WMJ+20]. **Edge-Cloud** [XLL+20, LSZL20, YLZ+20]. **Edge-Coloring** [LSH96, GDP08]. **edge-connectivity** [ZXY21]. **Edge-Disjoint** [BGR96, WB01, TDM05, Lin03]. **Edge-of-things** [AMU+19, Alm20]. **edge/cloud** [Ale19b, MA19]. **EdgeKV** [SÖAOA20]. **Edges** [HHC98, BKCM17, FPP+08]. **editing** [LHCC19, RS90b]. **editor** [WW03, AB03b, Ano01g, Cas93, Che92, Cho93, Her92, Kri92, Lin93b, Pan09, Pra16, Sch90, Sto90]. **Editor-in-Chief** [Pra16]. **Editorial** [AS15, Ano94e, Ano95k, Ano99i, Ano02e, Ano18v, Ano18w, Ano18x, Ano18q, CGFH19, GHS94, GHS95, GHS96, GHS97, Hol17, Kai92, MS20, RSV21, SLL18, STS19, DF12, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, 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, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f]. **Editorial** [Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18u, Ano18v, Ano18w, Ano18x, Ano18y, Ano18z, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18y, Ano18z, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q]. **Editorial** [Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n]. **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, CKV+18, Hua17, MBG+17, Nee17, NKS17, NDS18]. **Effect** [ACD+93, IS06, BL05, JZ05]. **Effective** [Ano97k, BC01, GM96, HH97, KO11, LSZL20, LT96, MAR05, QM01, TC92, VH93, WLD02, YZS96, AMU+19, AM12a, AAD+20, BV13, BCK+13, Cza13, DJDK19, DK04, FZWL12, FWM+10, FI04, JLWX11, KHW13, KYZ+20, LJQ+19, NLM+19, NAK04, SCN12, WMY+17, WCR+20, XLCL20, YCH+10, ZJ06].
Effectiveness [GMM00, HKT+91, KS97a, LKK94, NRS95, MA11, TC03].

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Efficient [AOSM04, AMB+95, AP94, AZC13, AKP95, AG86, AMK+07, BCO+12, BM16, BGH+03, BAGS95, BAH04, BRP03, BJK+96, BDH+97, MM07, CM04, CRK+09, CKK00, CCC92, CP12, CYWL21, CN93, CS95c, DNSS06, DGM+20, EP90, EL97, FGG08, FBK98, FMR05, Gao93, GR96, GCKM97, GM94b, GRS97, GP00, GKHS96, GNW03, HQPT99, HH01, HSL04, HASB16, HHC98, HJLR12, LB12, LH+19, LLC20, LZSL06, PB19, Ren11, SI86, SWHB17, SHC14, VETT18, YF09].

Efficient [SW96, Sch13, SSGG18, SSHC00, SMP17, Sin87, SWLZ17, SU92, TR96, UFF19, VB02, VBM90, WRC+02, WT00, WCCH18, XM92, XLH18, YTH+19, YM21, YD98, YZLT09, ZB97, ZT20, Zh92, ZH+17, dSAS15, AAI17, ARI17, Ale19a, ACA+19, Ara13, AS19b, BFH+17, BM11, BK+15, BK13, BD+19, BOY10, BR91a, Bi90, BB18, BCK+13, BH17, CWZ+18, CMR+18, CKN07, CP10b, CGW+03, CMN12, DT21, DED+20, DKM10, ESGQ+11, EDH+17, FLZ+20, FT+19, GDCC18, GKS15, GT04, GLD06, GY+13, GLY+21, HSS10, HBSASA19, HS06, HRJ94, Hsi04, HLBZ20, HZS+18, HZL+20, HMCG20, IEWK17, IRA20, Jar20, JH87, KTP17, KVA18, KyLPC17, KYZ+20, KHK18, KI19, KL05, KSSK16, KA05, KL13, Lai14, LMZ04, LW16a, LLB+18, LMG+21, LS91, LSC+15, LR03b, LZY+18, LL18, LCI+18, LHP07].

Efficiently [Lon04, LLD05, LA06, LWD+20, LFEP19, MGS12, MD07, MNS+19, MF+13, MPS16, MPN17, MAHKZ12, MRPH20, MCP+18, NMS+18, NF16, Nic07, PB20, PPSV15, PVGG06, RM11, RLA+16, RLA+17, RFS+12, RT18, RG18, RS+21, SMMC20, SNSK20, SB12, SX08, SZM13, SM08b, SKS21, SBS20, SJG19, Tam18, TLY12, TGPUC16, TMK+17, TLL+18, UBES10, VRG17, VAF19, WVJ07, Wan07, WTC08a, WTC08b, WMW09, WLST16, WTWZ16, WHT+18, WIB12, WH17, WGCZ09, gWW18, XLC+18, XCC+19, XHZ+10, YSS11, YLB+15, YYQ+20, ZZZ+21, ZCYM12, ZLL14, ZSCX18, ZZZ+20, ZB03, ZWWX16, ZLCZ18, ZHLQ12, ZTL17, ZHO03, LM09].

Effort [MT95, Coh90, CCM+06, FP03].

Effort [VPHM06].

EGEE [VPHM06].

Egress [MCAS12].

eHealth [HSX+21].

EHRs [HSX+21].

eigenanalysis [TYA16].

eigensolver [ABGV11].

Eigenvalue [Kau94, LYL08].

eigenvalues [VGAB08, ZB03].

Eisenstein [HAD15, HS17].

Elastic [FGG17, KG20].

Elasticity [LHNB19, MMVL11].

Elderly [HRM17].

Electing [SK94].

Elect [ADD+20, AS96, KB96a].
AS19a, AHG12, AK18, CV16, DED+20, ECLV12, FRM15, FCJG+18, FCP+15, FKL08, GHHY10, GDCC18, GMRRG19, GTN+06, GLY+21, GL12, GPSh19, HRK+19, HP06, HRM17, HKTG20, HLBZ20, IRA20, Jar20, JZZ+17, JZF+15, KR10a, KSI04, KyLPC17, KCR14, KSSK16, GTK10, LR14, LCW05, LLb, LLCZ19, Li19b, LLC20, LZC11, LLW+20, LLDL15, LCB16, LFE019, MBM+20, MNR+19, MDS20, MMK+11, NS12, NMPS20, OMT+17, PB20, PCMM+17, PB19, RWB+13, RLA+16, RLA+17, RFS+12, RT18, RTZ21, SMG20, SFML21, SBRS21, SATJ+20, SBSB20, TLY12, UMM+18, VRGS17, WMW09, WLST16. **energy** [gWW18, XS11, XLPL19, XB20, YL12, YZS15, YAK15, ZW11, ZWY+15, ZWWW16, ZLCZ18, ZHLQ12, KRK20, MSK+16, RKAA20]. Energy-aware [GQZ18, LBMG15, LNAL17, LY13, FCJG+18, HKTG20, LR14, LLCZ19, MMK+11]. Energy-efficient [DKM10, GYP13, LK13, LW16a, LSC+15, MGSG12, NMS+18, WH17, XHZ+10, GDCC18, HLBZ20, KyLPC17, KSSK16, LLDL15, MNR+19, SBSB20, TLY12, VRGS17, WMW09, WLST16, ZHLQ12]. Energy-Friendly [MSK+16]. Energy-performance [ECLV12]. energy/power [OMT+17]. Energy/power-aware [OMT+17]. **ENF** [CK97]. Informing [KMF+05, Kub17]. Engine [KSL85, Ram92, HVW16, RBS21, XTN12, SD88b, XP10]. engineer [GS18]. Engineering [LWR+03, BCf+15, CCE+17, Gai87, Nee17, PRHB06]. Engines [SD00, MMESG+21]. **Enhance** [WLID02, DZC17]. Enhanced [BOSW94, MD13, OPG08, OS96b, OSZ98, RK18, HNN+20, HZL+20, LLDL15, WYA+21, dOOG+15]. EnhancedBit [ARD14]. Enhancement [KJ84, TC92, DK04, KS18, LLM+20, NGQM12, RH05, RM90, TBG+17]. enhancements [ESGQ+18, LU14]. Enhancing [AYIE98, CGN+13, CRA+08, GRR13, HWLR14, dAMFds13, MH18, OM10, QGZP17, RH20, VETT18, CCHC09, JBY+05, VA03, WXZ05]. ensemble [GKB+20, KBC19, SV18, ZWCL21]. Ensuring [JF95]. entangled [EAB+19]. enterprise [BJP+10, CCEB03, GSASA19, LSH+13]. entities [Ahu90]. entity [MPN+17]. Entropia [CCEB03]. Entropy [TVO92, VO89, DFHH13, WMW09]. Entropy-Driven [TVO92]. enumeration [SSTP09, SR90, WCH+17]. envelope [GC07]. Envelopes [BMRC98]. Environment [AT94, AD95, ALL99, AA95, BB93, CP97, CLZ02, CSMML10, CCRS92, CHH94, CB96, DKY01, DRSB01, GYAB11, KZ96, KC99b, LC90b, LAS+97, LI99, MFH93, RS92b, RSD94, SG93, SRGB90, SS00, WH97, XLL+20, ZL93, AOS+05, AKS+20, AKSZ19, Ben19, BLZ+18, CK88, CSS06, GKB+20, HFA20, HZY+21, IRA20, JWL11, KVHS07, KSS+07, KK10, LLLY08, LSLZ20, LL18, MYY+17, MAR05, MLK12, MNL07, PST+19, RKA20, SSKS11, SSM+06, TZZ+20b, VD18, WD13, ZDZ+21]. Environment-conscious [GYAB11]. Environments [CFTD99, CLRW00, CP99, KRW96, KR97, KER01, LTHH07, PRS97, PRG88, SSK96, WSM97, WSA+94, ATZ07, BAL05, BPA06, BH05, BSMH08, CF19, CPJ+19, CTKA17, CLL09, DFP20, DBC03, DED+20, DWX10, ECP+18, ECLV12, FRM15,
Ephemeral [AGMS16], epidemi [AHZ11, LpJS18, MSF13].

epidemic [AHZ11, LpJS18, MSF13].

epidemiological [Rao16].

epistatic [HLS03].

EPLS [CLC17].

epochs [PBS08].

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].

equipments [DLL21].

Equivalence [OO85, CM04, SM92b].

equivalencing [ES12].

era [MBG17, SC10].

erasure [CPZ20, MRPH20].

erasure-coded [CPZ20].

Ercegovac [Ano92a].

EREW [DL98, HS94a, ZK94].

Erlang [CLG16].

Erratum [Ano92c, Ano93e, Ano96l, Ano00d, BS96c].

Error [Lat98, Par92, WCF94, BGBC16, DFHH13, PK08, RIZ90].

Error-Correction [Lat98].

error-prone [OWK14].

error-resilient [DFHH13].

errors [BCC18, KGP21].

Essay [Mil93].

Essential [DSS95].

establishing [GPJA10].

establishment [SZMK13].

estimate [BKK11].

estimates [TDBL13].

estimator [SIY14].

Ethernet [HcF05, KYL05, 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, TTG95, ZYH94].

Evaluation [ATM01, BPJG92, BS92, BCD00, BM95, C93, CEF+95, CP01, CP04b, CP91, C92, DT01, EMCE20, FR96a, FTC00, GGD93, GS96, GS00, H90b, H91, yH97, JB93, KCDZ95, LLS93, LYL93, LP96b, MT95, MS85, MKC01, MB92, MJ01, N98b, PEC95, PTC93, RCB93, RNSB96, RKK97, SM92a, S99, SOG94, THBF97, TH02, VB90, ASH91, AM519, AB13, BAT05, CTKA17, CkLC04, CkLC05, CC96, CNFMA20, CB11, dADC18, DR19, DMS+16, DM88, GRV08, GE85, GS91a, HW03, HBS17, HTB19, LL90, LYZY11, LN+W+12, MS88, MV95, MRRK14, PMCC18, Sch89b, SWP90, SA11, Sol13, SE15, WL90, WLZ+18, XQ07, XWC+08, YL12].

evaluator [MS87, MP88].

evasion [YpGyLC13].

Even [NT93].

Event [ANO02v, AB93, Bou02, CK97, DMSH90, ECP+18, Lin93b, Lin93c, Pra93, AZC13, BM17b, BXA08, CK08, CM12, FX10, JK915, LVR90, PQ19, SW12, Tay05, WZQ+13, ZZ90, ZCK+02].

Event-based [ECP+18].

Events [Yen01, PQ19, SFML21].

Eventually [LAF05].

everybody [KSSK16].

everything [CCM+06, MBM+20, NPS+19].

everything-shared [CCM+06].

EvoDeep [MLCFH18].

Evolution [CDD+19, JM00, RBB17, HWY+10, Li10, Ngo06, SV18, WRW13].

Evolutionary

[ANO09, MSSE02, SD97, SS97, YLZW18, ZO09, AS19a, AC89, BH05,
COF+17, GB06, HD10, LD21, MLCFH+18, RPN19, SCS+08, Tal19].
evolvable [KKKP12]. Evolving [GR96, OH02]. Ewald [HMS20]. Exact
[RS96b, GA18, OFS03, PB15, Psa96, XP10]. examination [FL86, SMH91].
examples [FK89]. exscale [APV18, CCAAS19, IOD20, RPS19]. Exchange
[VB94, WS97b, XL92, XL95, CMRF18, Dim04, ECP+18, HSW04, NKK16,
PW16, PW21]. Exchanging [GPT06b]. Exclusion
[AE95, Cha94, Cha96, FTC00, GBG93, KY02, KUFM02, NTA96, NM02,
Sh93, ZY96, AK07, Ara13, BAS06, CW05, CH06a, CB06, DGFKG05,
DGFR21, Gos90, LASS15, MM07c, NTN12, RDA18]. exclusive
[DMI+19, MLTT+20, WW18a]. executed [SP90]. executing
[AKSM08, CDJ+89, QJ05, Sol13]. Execution [CCC90, Cont93, DD95, Gup92,
GKHS96, HS96, LAS+97, LTIK05, Mah95, MM93, Mer96, Mr91, NBM93,
NS97, NDZA99, OKB95, RSD94, RHH96, RSBN01, SCMB90, SA93, Sun02,
WB96, ARM+05, Bi90, CC87, CW98, DeG88, DKRI09, ESCV15, FCC07,
FSL+21, GYY+14, GK04, LFS16, LR14, LPK+10, Li9b, MSM09, MTL+18b,
PP13, PSB+19, RG06, SS06, WLST16, uRIL+18, YM21, dKG+10].
Executions [LMCF90, FCP+15, KVNV17, RV13]. exercises [Suk18]. expandable
[SSB91]. Expanding [Zia92, RM10]. Expansion [LY12, SL89].
Expectation [YZG18]. Expected [Ros99, CLL09, SSS88, SC91a].
expected-time [CLL09]. Expellarmus [SBBP20]. Experience
[FTK14, MSR91, SH92b, Chi95, LBT19, NGQM12]. Experiences
[ARM+05, CDH84, GRJ+15]. experiment [PF04]. Experimental
[BJ96, BFG04, CTK11, FCS91, Hag97, HBJ98, MJ01, PTC+93, YMR93,
ZYH94, Bad04, CT94, dADC18, GHC+17]. Experimenting [AD95].
Experiments [RS92d, CF88, LYW+16]. Expert [DSW94]. Explicit
[CP90, DSO2, Fre96, RCG+11, Rao16]. exploit [YCH+10, ZPI06].
exploitation [PVG06, SWLP19, VFAD17]. Exploiting
[CDD+19, CB15, CCK00, DL99, FTM+19, FKL08, FY97, HT90, JBY+05,
LKS14, MFT+19, MNB95, NMS93, RGAN18, SH92b, VBF13, WYTX13,
ZLWL12, CDAN14, Gow21, GJXZ05]. exploits [GBMZ07]. Exploration
[SDS+18, BKC+15, CKB+13, LLLK13, NV19, OT19, TKKH17, TD07].
Explore [ZDZ+21]. Exploring
[ARP18, LR93, NXTK17, PCMM+17, ROB+18]. express [APRA18].
expression [CLXX19, GS91a, WSH+03]. Expressions
[GKHS96, Mer96, DeG88, DM90b, JK89, LGK+12, MP88]. expressiveness
[HdR13]. Extended [BLG01, LWQ02, Re84, El07, LWQ18, YWW12].
Extending [BBCLO4, CMR10, EMC19, SAY20]. Extensibility
[MB96b, LFH+03]. Extensible [FLCB10, HGFF10, ZWL03]. extensions
[AS20, DPS08, Oza04, VLMC+20, JM00]. external [DO89, JZK04]. Extra
[SZ00b, ZXY21]. extracting [BCH15]. Extraction [YB01, CLC+17, HP06,
LLS+16, MM15, Pia08, Raj08, WJV07, WZY+19, XLC+20, dAT17].
extractive [SGVR19]. Extrapolated [DM17]. Extrema [AFS96, RKS87].
extremal [FSV14]. Extreme [SFT+13, YZW+15].
Factored [BSGM90]. factorization [CLY+19, CASD18, FHL+15, MVV91, OT19, SLV19, She06, ZLRP91].
Failure [AAI+15, FCF00, Fu10, JAB12, BKMT14, DCGFGK05, FX10, HK05, Jkie12, JHZ20, KV10, LGZ+10, LFA05, MFV08, PCLP16, YF07, YHWY18b, ZDZ+21, HK19].
Failure-aware [Fu10, JAB12, JHZ20]. Failures [ADS01, DT02, VR94, VR95, DCGFR21, GPT06a, HRC09, LY10, MR09, RLH03, SCMS12].
Fair [ALH+09, BHLT14, KY02, KNHH18, Tauer16, AS19b, GNT04, KS03, KDI08, LASS15, SPC+17, SGC10, XWC+08, ZLL14, ZQMM11]. Fair-share [KNHH18]. fairness [Ara13, SHC14, ZLCJ12]. FALCON [HCC+20].
FALCON-X [HCC+20]. False [HF96, KG04, LLWC17]. families [FSV17]. family [NS90, ZDC06]. farm [TBZB05]. farms [JTZZ11, MCP+18]. Fast [AA21, ABCP96, BC06, BV13, BF97, BHB+21, CK06, CXX+18, CDY+19, Cor93, DMK19, DP00, DS04a, DPRW85, EM89, FZC+05, FR96b, GM94b, GI94, GSC96, GZ97, GJXZ05, HZA+15, HN91, IK94, JSA21, JNW96, KK06, KSSG14, Lat98, LH09, LLYP19, PH91, PA04, PB21, PT97, RHH96, SS03, San98, SR94, SHT+95, SGS08, SA08, SWLP19, SDG08, ST05, TPLY18, TF01, YYZ6, YD98, YB01, ZLZ+19, AGMS16, BC05, BBBC12, BFKW13, BHK17, Cal06, Can18, CDA20, Kep03, KA91, KP05, LLS07, NV19, PH16, ST85, TS91, WWL17a, WZY+19, WJ12, XLH18, Yan04, CVK+18a, LLLC98].
Faster [BMM97, GS03a, LS05, CM03]. Fat [RGESG+21, ZH12, CI03, CS06b, ESGQ+11, ESGQ+14, SK05b, YMLP14]. fat-stack [CS06b]. Fat-Tree [RGESG+21, ZH12, SK05b]. fat-trees [ESGQ+11, ESGQ+14, YMLP14]. Fattened [GMVRGS16]. Fault [AE95, AM97a, AM95, ABBB14, BXA08, BSS97, BMM97, BW95b, BKMT14, BPA06, BCH95b, CLML15, CR94, CL93, CKN07, CY95, CC94, CDR09b, CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGC96, HTHH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LG90, LC96, MD01, MMRS98, MPG17b, Pak89, PB95, Piu01, PKD97, PG20, PM92, RLS96, SCC92, SS95, UR94, VR95, WIKC97, WW97, Wu94, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZYO02, AM20, AA12, A16, ANEA13, AOSM05, ARV14, BB87, BJ15, BDDL09, BPP05, CL91a, CW09, CWL+07, CDR90a, CMT92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLP07, FZ90, FABG+19, GQX20, JBS14, KG10, LCC+05, LHLM14, LH05, LFGM17, LAC18, LP88, MSEM+19, PD19, PR06, PL06, PAS15, SNS20, TGFPRA20, TCHC12, ZY90b, ZJ06]. Fault-Detection [CY95]. Fault-Induced [WIKC97]. Fault-Sensitive [VR95]. fault-tolerance [BJ15]. Fault-Tolerant [AE95, AM97a, AM95, BW95b, BCH95b, CR94, CL93, CC94, FM99b, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, WIKC97, Wu94, YBOY97, ZYO02, ABBB14, BKMT14, BPA06, CKN07, GNS09, JBA15, LFZ+17, PG20, XCS06, XHZZ16, mYA91, AM20,
[AMP20, DT21, No12]. flash-based [AMP20]. Flexible
[CCR94, DQH+21, ESMG96, HGCC96, JWSG14, RS92c, VB96, CS17,
HCMI11, LL12a, LFEP19, MM07b, PR06, SDS10]. flexibly [SA90]. flip
[LDS16]. Floating [CNLGLR18, MRK93, Can18, Dav17, Gro85, MP08].
Floating-point [CNLGLR18, Gro85, MP08]. flock [BZH06]. Flocking
[TWQS12]. Flooding [BCF14, XCH08]. Flow [AS95, BJP91, ESMG96,
JBA15, LL93, LM96, MK92, MRB20, BG90b, BAMM05, Bož09, CF88,
CWP12, FSL+21, Gao89, GE85, JTZZ11, KM17, LHF91, LFEP19, MG09,
NPE+19, Oza04, SPPA19, TR89, TBZB05, TY90b, ZCW19]. flow-level
[NPE+19]. flow-time [TBZB05]. flows [LCC20, SM89b, VBDRC13].
flowshop [CB11]. flowtime [LZ05]. fluid [AGMJ06, CVK+18a, FSL+21,
LGRV19]. fluids [JdSJC+15]. flush [CK06]. FluteDB [LLB+18]. Flux
[Ull84]. FM [LC97]. FMM [IOG20, LPLFMC+12]. FOCAN [NPS+19]. focus [DSEP17]. focusing
[FSP18]. Fog
[AkBA+20, MSRB20, NPS+19, NML+19, AKS+20, DMKJ20, HNN+20,
HTG20, JHL+18, LWD+20, WML+18, SAR+18, MSRB19, SKS21].
fog-based [WML+18]. Fog-supported [NPS+19]. Folded
[Wan01a, GQX20, Lai14, Lai17, Lai21, SGR03]. folding [LYL08, PB20]. food
[CCX+18]. footprint [MSV19, XB20]. foraged [PST+19]. FORALL
[ALS91]. forces [LHWJ19, Num08, Num09]. Forecast [RHH96]. forecasting
[TLL+18]. forensics [ACCN20]. forest [BC06, CFL+19]. ForestLayer
Formal [AS00, LSCA93, Ben19, Eri88, SHSH17]. formalism
[MBO11, PK05c, PSPR05]. Formalization [BFL+13]. format [ZGG+14].
Formation [Wu02, HLL+21, KSK15, YZS15]. Forms [TR96, WNA+94].
Formulation [JBL02]. Forthcoming [Ano00e, Ano01n, Eri88, SHSH17].
Fourier [CVK+18a, LLCL98, DPRW85, HN91, TS91]. FP [WB94]. FPGA
[PB21]. FPS [PB21]. FPGA
[CNLGLR18, CS17, CGFH19, HBS17, IHH+17, KG19, MH18, NV91,
NSK17, PD19, PD21, Pet18, STG+20, SA11, TSA16, TOR+14, WLCZ15,
WIR+18]. FPGA-based [HBS17, IHH+17, NSK17, WIR+18]. FPGAs
[AD12, LiSB+18, MC17, MSSE02, NMS+18, WD18]. FR [GS01b]. Fractal
[ASKTZ13, LS06, NST19]. Fraction [GP97]. fractions [CR91]. fragment
[CZZY09]. frame [SC10]. Frames [LNA12]. Framework
[AGG98, LRL18, NSM+18, WD18]. FR [GS01b]. Fractal
[ASKTZ13, LS06, NST19]. Fraction [GP97]. fractions [CR91]. fragment
[CZZY09]. frame [SC10]. Frames [LNA12]. Framework
[AGG98, LRL18, NSM+18, WD18]. FR [GS01b]. Fractal
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BČFF05, BKL+20, BMT12, BGM+08, BJ18, CCAAS19, CCA18, CCC+04, CF19, CV16, CHX+17, CDPS18, DV13, DMB+03, FGM+03, GRDB05, GM13, GFPC14, HSH10, HDT+05, HRM17, HRH18, HFA20, HZY+21, KTP17, KK5+12, KL50, KBC+10, LV15, LS06, MCM+11, MJ03, Men18, MBR19, NLB+18, NPE+19, PMAL11, PAG+18, RB11, RGD03, RW02, ROB+18, SAL10, SMH+14, SG4S13, TZH+06, TLW18, VS18, WTWZ16, WHW+17, WXZ+18, WM13, XLCL20, YT05, YLB+15, YLZ+20, ZGW+19, dAT17).

Frameworks [KRS13, KRS14, DAB+14, LHNBB19, RWF21, UMM+18, uRIL18, ZKZF18].

Fraud [BST01].

Free [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, AR20, AR21, ACH18, CB06, DFP06a, Dav17, FKKR16, FLM+19, HV09, HSY10, HA06, JBS14, KH12, LASS15, LWLW18, MMESG+21, MYM10, MBMC19, MKM16, OS20, Pen11, SD91, SsdIB+10, ST05, ST08b, TT07, VBDRC13, Zah12, dOBG15].


Funnels [SB00a]. Further [PMV06]. Fusing [TFT96]. Fusion [AMB95, STN92, ECP+18, QSL+08]. Future [AE88, HAC+19, KS95, MNK12, PJ18, ACB+15, ECL12, KGTK20, LY13, MK14, PSC+16, RPS19]. futuristic [HRC20]. Fuzzy [BCF97, DFL017, TZI11, KKTZ13, KCO4, NC09, SMO14, ESCV15]. fuzzy-based [NC09]. fuzzy-decision [KCO4].

G [GD11, GA18]. G-PaMeLA [GDL+11]. G/M/1 [GA18].

G/M/1-type [GA18]. G2 [KTF03]. Galactica [WL92]. Gallop [Wei98]. Game [ABJS01, BS00, KK10, PC11, JTC+18, RPN19, Sch89a, YpGyLiC13, Zep91]. Game-Theoretic [ABJS01, PC11]. Game-Tree [BS00, Sch89a]. Games [DKY01].

gaming [AMP20]. 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, LLW+20]. 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
[Ano96l, BHRS95, CG02, GFB+92, KL08b, Seb95, VA07, AZW13, BČFF05,
BT20, CBM+08, CYZ06, CW15, FK89, GRS19, GFPC14, LB09, LV15,
LCB16, MSAZ10a, MSAZ10b, OFS03, PK05a, Pet19, RGD03, SSD+20].
General-Purpose [GFB+92, KL08b, CBM+08, GRS19, LCB16, RGD03].
Generalization [GCM95]. Generalizations [Oru94]. Generalized
[AKPT99, Bai94, BETD94, BR91b, DMCFCM03, Fer93, FAM96, JH92b,
Lee94, PE93, SSB91, WIKC97, XL92, XL95, YN92, ZLPP01, FK89, HSSM07,
KMP+06, Luk85, Nic88, TD05, WRW13, YCC05, ZHW19, ZLMC14].
Generalizing [CW21b]. generals [CBV08]. generated [MTM10].
Generating [AAK+13, AMS94, Bec96, CGL+95, CJ07, GHSJ96, SS96,
SCMH13, SOG94, TH02, Wri91]. Generation
[AS93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a,
NC97, RGS00, RNSB96, SSHC00, ABC+09a, ABC+09b, AFM09, Arb89,
BCK+13, FK89, FLM+19, Gao89, GNZ18, GMXA07, HPB+10, HZZ+19,
LK13, LC92, Meg91, NAB+11, ORWT+18, RKK06, SB04, Trá09, Zsa16].
genemator [KCP19, PD21, Pet18, Stp20, WSC91]. Generators
[Ahu97, Bro96, PK89]. Generic [PA01, AK07, Ben19, GM13]. Genetic
[ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02,
WLID02, AL04, ALM+16, ANEB13, AB13, BČFF05, DK11, HSSM07, KM03,
LA04, LFEPR19, PKN10]. Genetic-Algorithm [WA02].
Genetic-Algorithm-Based [WSRM97]. genomes [KESA07, SPRG+12].
genomic [HL03]. genre [WIR+18]. geo [Kur21, LRV20, MRPH20].
geodistributed [Kur21]. geo-diverse [MRPH20]. geo-replicated [LRV20].
geocast [CL03]. Geographic [AD10, LAGK07, SJ11]. Geographical
[PJ04]. geographically [ZWI03]. Geometric
[Abr96, BMRC99, CDRC99, GM96, KV88, WPKK94, AG86, CMN12, KK06,
LZWZ19, MRS+14, MP19, TSFZ14]. Geometric-Decaying [GM96].
Geometry [DRC90, QGZP19, WZY+19]. Geomulticast [AP03]. GET
[HL03]. GET/PUT [HL03]. GF [KA91]. GHSOM [IZ12]. Gigabit
[HF05]. given [DDZ06]. Global
[BLPV95, KCRB99, LKW97, LA93, MT95, MI92, Mat93, OK02, Par96, TG97,
Van94, WT09, Yen01, AY89, Car90, CK08, DK04, GJG88, GVBB13, JLM08,
Lun90, MS15, SK89a, VB08, WWW17a, ZAh12, ZLWZ18, dOCs14, YQT12].
globally [CWP12, NSA13, LNA12]. globally-aware [CWP12]. glueless
[RFPAG08]. GMA [ZFS07]. GMAC [GZMC08]. Gnutella [BAL05]. go
Goal [CJ17, XLPL19]. Goal-based [CJ17]. goals [TdAR18].


Gossip [FCML13, AS18, FM07, HJ21, WWW17a]. Gossip-based [FCML13].

Gossiping [FV97, GRV97, PG20, SGS08]. gossipings [KLC05].

GPGPU [DFST13, KZW19, OGRV+12, SJVRVS19, WMG13, YPCW16]. GPGPUs [AKBD10, LWW18]. GPS [AKBD10, LWW18].

GPU-accelerated [DCA+15, Eme13]. GPU-based [BCMV15, BDRB14, BFKW13, DBA+18, GMMP12, KCP19, PDP17, Ski16].

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

GPUs [ASES15, AVAH18, BBBC12, BBR13, BLB+20, BCK+13, COV13, CGN+13, CDY+19, DP16, GOH+13, IBP08, JM15, LMGLGLG17, LJZ+19, LW16b, LV15, MLJW+19, MBW16, NSKN17, NOH+13, PVRS17, RCX+21, RGU08, SHT+08, SBRM19, TMB+21, TH13, WZC+20, YMA21, ZSW14, ZGG+14].

Graceful [AA14]. Gracefully [BBR94, CGA98, LH92, RCB93]. Gradient [Bas97, BM08, GLW14, LR14, PB09]. gradients [McA89]. GrADSolve [VD04].

Gradual [ADDP19]. Graduate [APV18]. Grain [FR92, LFA96, Mah95, NS97, SA93, CT94, FW05, GSWW04, PL03b, TKHG04].

Grained [BR96, CDRC99, CLZ00, DFRCU99, HK96, PY96, SR97a, SR97b, WD94, BM04b, CHLL18, FSD04, GVA+08, IK887, IBP08, Mau13, MPV12, SBSB20, YQZ+20, ZCF+17].

Gram [ZLRF91]. Grammatical [RBB17].

Graph [Ay93, CCM01, CHGM01, GJP96, HNKÖ21, HJ90c, Kar95, KK98b, KCP19, Lat95, MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TVS97, TLW94, WCE97, WLZ20, YM21, ZZS+21a, ZW00, AK19, BCK+15, BDjQ86, BCK+13, BM08, CM03, CSJ+13, CFL+19, DeG88, DCA+15, FLM+19, GHC+17, HLM+90, JSA21, KSSG14, LK15, LTBY20, MPZ09, MMS09, NXTK17, PV19, PK07, PS14, RGAN18, Ros89, SSKÇ15, SW91, SGR03, SMT15, WCC02, WCH+17, YFBY17, ZCS+18, ZJW+21, ZKL21, ZNQ93].

Graph-Based [CHGM01, HNKÖ21]. graph-partitioning [GHC+17, SW91].

Graph
Graph-tensor [ZKL21]. Graph-Waving [YM21]. graphene [KRM14].
graphene-CMOS [KRM14]. graphic [SKH15]. Graphical [CMT93].
Graphs [ANS97, AKPT99, AS96, ACPK95, BS97, BP98, CP98, CA95a, CDF01, DDD98, DS84, DH94, EMM94, FA95, FY92, GS98, GSG+93, GS99, HOS94, IZ95, JRR95, JSS92, KK98a, KW02, KA97, OS97, PR91, Par98, RDL95, TL96, VB96, WIKC97, WLD00, AAK+13, ANP07, BC06, BK305, BD05, BCF14, BKCM17, CP04a, CDDL10, CDS10, DM17, FT04, FLFZTS20, GK10, HS04, HS03, JPD17, Lin03, LK201, MHR05, MSZ05, MPR19, NCA+12, Nik04, P04b, PK04b, RBS21, SS03, STMZ18, SP90, TBG+17, TZ2017a, Ten16, TSFZ14, WWW17a].
Grasping [KR17].
Gray [BVB02, HHM94, HRJ94, JH94].
Gray-Scale [HHM94].
Gray-to-binary [HRJ94].
Great [KF90b].
Greater [Ebe94].
Greedy [KNS06, BGM+08, HDJ08, Hua17, KRK20, MD13, MFT+19, SDG08, TF01, Ulh20, AABH, Ben19, CP10b, CCEB03, CGW+03, EL07, FZG03, GS20, GLY+21, JdSJC+15, KRKS11, KV10, KSV+20a, LBE03, LFH+03, LL12a, LLWC17, LB09, M03, PF04, SMB10, SLZ10, TLQS12, VD04, WH17, ZV09b, dKG+10, AOS+15, ASC10, ASC+15, HWWH08, LNA12, LNAL17, NGQM12, PY09a, WCWO17].
Guarantee [JM14, MZZC12].
Guaranteed [HWWH08, LNA12, LNAL17, NGQM12, PY09a, WCWO17].
GuardHealth [Sch91].
Guarantees [MS00, OY00, ESCV15, KYGG20].

grid-aware [FGZ03].
Grid-Based [BR02, CP10b, VD04, KKS08, GBA08, MBA13, LLY08].
Grid-computing [KTF03].
Grid-enabled [KTF03].
GridBench [TD07].
grid computing [GOH+13].
gridding [GOH+13].
gridding accelerated [GOH+13].
Grids [CCCM96, HKMU98, HOS94, ACFK07, ARDQ18, BMT12, DJH11, GVBB13, GDRB05, GM14b, JJJ21, JVD09, KLS14, LL10, LWK+19, Mit07, PHS04, SOM14, XTGJ21, YZS15, AAD10, ABCM07, GTN+06, GJA08, Ng006, SACP12, TCO6, VB08, WW03, WLL08].
grazing [FMM+08, WG08, WCL+13].
Grosti [ABO+17].
ground [BFKP04].
groundwater [SWLP19].
Group [CWZ+18, KKLJ14, LLW12, GVB800, CJC10, CHC05, Dim91, EDH+17, KSV+20a, LC14b, LHT08, dAMFeS13, MM07c, TC13, XO05].
Group-based [CWZ+18, KKLJ14, TC13].
Group-shared [LHT08].
Grouping [CWP98].
Groups [ORu87, WLD00, ARDQ18, CHC05, GCS06, LKM12, MS05, Rou89, WLZ+18].
Growing [CRFS94, WLR90, IZ12, MGG03, OGRV+12].
growth [CW20, WCL+13].
GSM [TM06].
GSPN [CCM92, CCM01, SM92b].
guarantee [JM14, MZZC12].
guaranteed [HWWH08, LNA12, LNAL17, NGQM12, PY09a, WCWO17].
Guarantees [MS00, OY00, ESCV15, KYGG20].
h [CP04a]. **HA03094L** [Ano04e]. Hadoop

[FRM15, GYY+14, HWL18, HWLR14, MNR+19, YLB+15]. Half

[RS94, ATD20]. half-complex [ATD20]. Half-Duplex [RS94]. Halin

[FLFZTS20]. Hamiltonian

[DP98, Hsi04, HSZ, LSFJ16, Nik04, Wan01a, WCC02, YTH07]. Hamiltonicity [HHT92, Ste17]. handheld [WL04]. handle [JJJ21, RK18].

Handling [BW09, CVJ09, SYC92, KVA18, KV10, LNW+12, TGFPL18].

Handoff [SKO5a, FCZ+12, ZBR11]. Happened [HCR12].

Happened-Before [HCR12]. happy [KSS16]. Hard

[DJ98, GFPC14, BR01]. Hardware

[BK18, CRB19, DGNW13, GSO0, MD01, MCAS12, RPS93, SCC+06, SHA17, TF92, The02, TH08, VHN9, Zsa16, ABC+09a, AF06, ABO+17, BDM18, BJO3, CDO+19, CV16, CGC16, CP17, CM12, EAB+19, FWM+10, GKS15, GVA+08, HDJ08, Hul17, JJ12, KO+13, KC17, LMSK18, MTM10, MCS+19, Nik03, NAK04, PAV09, PAG+18, PG19, QGZP17, QGZP19, SV18].

Hardware-accelerated [DGNW13, Zsa16]. Hardware-Efficient [MD01].

hardware-entangled [EAB+19]. hardware-generated [MTM10].

Hardware-Only [GSO0]. hardware-software [CV16].

Hardware/software [SCC+06]. hardwares [SKH15]. Hardwired [DM88].

harmony [ES12]. HARNESS [MSS00]. Harnessing

[MTL+18b, VPML06]. HARP [SSB98]. harvest [WS06]. harvesting

[LLW+20, RB12]. Hash

[LACJ18, SX08, TT10, AR21, ABO+17, AT20, HKW05, SRT+18, TC04].

Hash-based [S08]. hashed [HSMB91]. Hashing

[WPKK94, YB95, BMLL+19, HDM11]. Haste [JXZ+19]. having

[BSMH08]. Hawkeye [ZF07]. Hazards [AGG98]. HBS [CK13]. HCL


healthcare [AMU+19, NVE+21, SMW18, UDD19, VSN18, WZL20]. Heap

[DP98, ZK94]. heat [L19, LGG08]. Height [LP96a]. Height-Limited

[LP96a]. Helary [Ano06]. Help [IR12]. helper [DKRI09]. helping

[ACH18]. herd [KS18]. Hereditary [CDF01, Hsi04]. Heterogeneity

[Las12, Las13, XLL15, BKS05, CLO3b, KZW19, LpJS+18, XQ07].

Heterogeneity-driven [XLL15]. Heterogeneous

[ANT02, An097k, BSS97, BPR99, BS+01, CP97, CA94, CEF+95, DAYA02, DBP94, EKNS17, HS94b, HC97, KLO1a, KRM14, LAS+17, LHHB+01, MAS+99, MIS+95, MP96, NRS95, NDZA99, PP92, SC91b, WR97, WSM97,
heterogeneous [MTS90, NDP13, NFHL13, ND12, NP09, OPR18, OJP18, PKN08, PKN10, PP13, PSB19, PTA08, Pla08, QJ05, QGL09, REK10a, REK10b, RGN18, RN04, SSFP11, SM90, SLV9, SS91, SX08, SC90, SCMS12, SHL9, SPPA19, TLL10, TFMS15, TG03, UAK06, VLL18, VBL18, WWH21, WSG91, WJ12, WGPL19, WJ14, XLHT13, XLPL19, YL17, YH07, ZMG16, ZTFK16, ZLWZ18, ZGW19, ZSCX18, ZHLQ12, VAF19, VBF13, VFAD17].

HeteroMPI [LR06].

Heuristic [BA92, DDD98, EHMN95, KLZ97, XH93, DK11, HS06, HGTG20, IRA20, KJ03, KKS9, PKN06, PKN10, PM05, SWP90, VB08, YFBE17].

heuristic-genetic [DK11].

Heuristics [BSB01, GY92, GJP96, IAS92, KUA07, TSC01, AKSM08, JST12, KEK9, SSA11, SNSK20, ZHO03].

heuristics-based [KA08].

HEVC [Lla17].

hexa-cell [AAZM20].

Hexagonal [Amm21, GSSS03].

HHN [YP96].

HiCOO [YQTV12].

hidden [HB11].

Hiding [HF02, WL92].

Hierarchical [AGF94, Buc92, BM95, CAB94, FR96a, HR92b, yHY97, KZ96, LLJ00a, MS00, MD13, OM90, SHT9, TM06, TJK92, Tan84, TW59, TTH12, VSI91, WHT00, YQTV12, YP96, AAH17, AGMS04, BJS18, BMT12, BAS06, CK004, CCAACS21, DE91, DR91, DM90, EDH97, GHY9, IZ12, JB20, LK06, LLLF20, MDS20, PW21, RH05, RR05, SS05, TLQ12, WCWO17, WLL08, ZZ09, dSS11].

Hierarchical-Memory [VSIR91].

Hierarchies [VN03, BW09, DTK11].

Hierarchical [Ale19b, Pad91, WYTX13].

High [ABDS02, BJ99, BBH9, BYG18, BNSP99, CLA99, CY99, CD98, DS02, DYL9, DB18, FGKT97, FC14, FM99b, GP93, HES01, HN91, JSCB05, JB20, JLRA97, KMKD97, KS95, KRS13, KRS14, KRS01, LC97, LLS0a, MS00, MD13, OM90, SHT9, TM06, TJK92, Tan84, TW59, TTH12, VSI91, WHT00, YQTV12, YP96, AAH17, AGMS04, BJS18, BMT12, BAS06, CK004, CCAACS21, DE91, DR91, DM90, EDH97, GHY9, IZ12, JB20, LK06, LLLF20, MDS20, PW21, RH05, RR05, SS05, TLQ12, WCWO17, WLL08, ZZ09, dSS11].

High [SD91, SC04, SAB9, SA11, SQQL19, SR91, SGdSS13, TYD9].
VP20, VAS+13, WRW13, XWL+20, ZW13, ZWQ+16, dAT17, MMVL11. **High-Availability** [LS01, Fu10]. **High-dimensional** [HN19, HT90, PK07, WRW13]. **High-efficiency** [LLC20]. **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, RCX+21, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMS+11, HRG+11, HCZ04, ICQO+12, JBY+05, LWR+03, LSX+14, LIZ+19, LB18, LVW07, MSGS+13, NRM+09, PGKV18, SD91, SC04, XWL+20, ZW13, ZWQ+16]. **High-Priority** [TF92]. **high-radix** [MG09, VAS+13]. **high-resolution** [GOH+13, SQQL19]. **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, GV86, HN19, SM08b, SM15, Ter16]. **Hint** [CK13]. **Hint-based** [CK13]. **Hints** [GLC14]. **Histogramming** [BJ96]. **histograms** [CL14]. **historical** [SFT04]. **history** [WTBM09]. **Hitchhiker** [CGDS20]. **HLA** [DB11]. **HLA-based** [DB11]. **HLR** [FCF00]. **HLS** [MH18]. **HLS-based** [MH18]. **HMFS** [LHZ+18]. **HMIPv6** [CKML12]. **HMVFS** [ZLH+18]. **Hoang** [Ano92c]. **Hoc** [Ano01e, BDF01, GS01b, LAZC00, Pat01, RBP+11, TM10, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BN03, Bou03, CNS03, CW05, CY206, 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, OMSGNSG05, SNC12, SSM+06, SGS08, SKMM04, SJS11, TC13, VA03, WTB+08, WGS08, WBTM09, WHS+18, XHG03, XWC+08, XG03, YC04, YSS11, YWW12, ZMC06]. **HOG** [RBG17]. **hole** [LZC11, PSC+16, SGAC14, YDZ+18, dOBG+15]. **holistic** [WL10, ZHH15]. **home** [HRM17]. **Homogeneous** [LS97, BM17a, CRJ10a, GHS86, OOSGVG+16, SCJ+08, TZZ+20a]. **homology** [DKKV15]. **homomorphic** [AKY20]. **homonymous** [AAI+15]. **honeycombs** [ADD+20]. **honeyfarm** [BPR04]. **honeyfarm** [JXW06]. **Honeypot** [KMMZ06]. **hop** [BSW07, FCW11, FCZ+12, JLWX11, JM14, KHK18, MAM05, MPV12, NC09, RFS+12, RB12, YMG01, ZMG+16, CSW+17]. **Horizons** [BP95]. **host** [LLWC17]. **host-based** [LLWC17]. **hosting** [SSVC10]. **hostload** [DKC14]. **hosts** [LLXG21]. **Hot** [LKKB94, NS95, EM19, MB19, TY90a, GPS19]. **Hot-N-Cold** [GPSH19]. **hot-spot** [MB19, TY90a]. **hotspots** [MLG05]. **Hough** [BA95, CP91, Fer93, GZ97, JS94, SSL04]. **Householder** [BDG+15]. **HPC** [APV18, CVK+18b, CJA+19, ECLV12, GYAB11, KLL+21, KGP+21, NV19, NKS017, NC13, PCLP16, RBA+18, RMHR17, ROE+18, SCB09, WME12, uRIL+18, YFS+15, ZPN+21]. **HPF**
[BCF+94, CA96, HLJ01, KHS96, SS00]. HSI [DKS21]. HTM [PB19]. Hull [DFRCU99]. hulls [GS03a]. human [CWZ+18, WDS+18]. Hungarian [LYIP19]. Hunt [MP15]. HUT [SHT+95]. HW [RBG17]. HW/SW [RBG17]. Hybrid [BJL18, DBA+18, Dah99, DR18, FA07, Gao93, Gow21, KSB+20, LWCG14, NBM93, OS93, PA15, VD18, YS11, ZLH+18, ALM+16, AC98, BAPM05, CCQ+06, CB15, CMFV+20, CJ17, DK11, FX06, GLC14, HKTG20, HZL18, HW/SW [RBG17]. hybrid [BJL18, DBA+18, Dah99, DR18, FA07, Gao93, Gow21, KSB+20, LWCG14, NBM93, OS93, PA15, VD18, YS11, ZLH+18, ALM+16, AC98, BAPM05, CCQ+06, CB15, CMFV+20, CJ17, DK11, FX06, GLC14, HKTG20, HZL18, HW/SW [RBG17]. Hybrid-DCA [PXY+20]. Hybridization [DED+20]. Hydrodynamic [HC97]. Hydrodynamics [PAH+98, VBDRC13]. HyPar [PV19]. hyper [AAZMS20]. Hyperbolic [SSK96, SHRM19]. hyperconcentrator [CL90]. hypercontexts [LM05]. Hypercube [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH90, DRC90, DFN+94, FAM96, FPD93, GGD93, GT97, GBG93, HGCC96, Ik93, Ik94, JR92, Jb98, KB96b, KM91, Lau94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, My9d95, NSLK99, NT93, Nas94, OHL90, RS94, Raj96, SYO94, SCC92, ST01, Sto90, TLW94, TL96, TC92, WIKC97, Wag93, Wag94, XM92, Zia92, Cap87, CCS06, CS10, CFL+19, DE91, Efe91, EAL90, ERS90, JMS97, KAP90, LEN90, LSS88, LS91, MVM04, MAR87, PW21, RS90a, RS90b, RIZ90, SW90, TMK+17, TS91, Wag93, Yan94, ZLRP91, YN92]. Hypercube-Based [Zia92, DE91]. Hypercube-Connected [LH92]. Hypercubes [AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, Fag92, FM96, Fra92, GP90, GH93, HM01, HOS94, Kav93, KS95b, Lh92, LBT94, LW95, LT96, Mol97, OD95a, OP96, Pel95, FM92, RS96a, RMJC95, SLH95, SR95, TT98, WW97, Wan01a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS+91, BL89, CL91a, CL91b, Che05, Efe91, FT04, GT04, GQ20, GNW03, HNSA07, Ho91, HRJ94, LW90, Lai14, Lai17, Lai21, SS89, Var91, WIB12, Wu85, Wu93, XCS06]. Hypergraph [DKUC15, ACU08, CBD+09, DKK04, KJD03, TK08]. hypergraphs [STA12]. hyperledger [DWW+21]. Hypermeshes [OK01, Szy95]. Hyperoctrees [DFN+94]. Hyperplane [HS93]. Hyperreconfigurable [LM05]. hyperspectral [FFGEL21, PVP06, Pla08]. Hypersphere [AM93]. Hypperspherical [RLP14]. Hyperstar [AAD98]. hystereem [LTD+93].

I-Caching [MM93]. I/O [AW95, CLK04, CLK05, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, EH01a, GGD93, GFCPC14, HZZ+19, JSCB95, JSWB92, KLL+21, LTH97, MLG05, NSSS99, Nsp002, No12, WHW+17, WLW09, XWL+20, ZCD+21]. I/O-Intensive [EH01a, CLK04, CLK05, HZZ+19]. IaaS [LQM+12, NC13, NKK16, SBP20]. IBM [ASH+01, BAHP01, BR95b]. IC [CMR10]. IC-scheduling [CMR10]. IceCube [AAA+15]. IceProd [AAA+15]. ICN [DPSD21]. ICS [HMY+18]. ICT [CTS17]. Id [HCAA93]. ideas [Sch14]. identical [GG19]. Identification [CS95, EBE08, FCO07,

II [HR92a, KHT+14, RLA+17, SMO14, SR97b, SR91, WJD91, WGCZ09, dAT17, FC14, SBB20]. Image-Processing [KSL85, SD88b]. Image-to-Mesh [FC14]. imagery [LD21, PVPM06, Pla08, SQQL19]. Images [SYO94, Ara90, CDD+19, CL85, DFP20, DH91a, NAK04]. imaging [KDO+13]. imbalanced [JJJ21]. Immediate [Ksh12]. immersive [MBH+08, TYD+19]. immune [HD10]. Impact [Buc92, Kel00, YAA10, GSWW04, HHS12, KHT+14, MLG05, RBP+11, SFT+13, WCF14]. Impacts [PCX+11, PCX+14]. Impatient [GOH+13]. Implementation [ABGV11, AS95, BAHPO1, BHS+94, CP91, CP92, CS95c, DM90a, DBKF90, EP90, HS97, HBH93, KM91, MSS00, NT93, NSPPC02, OS98, OP98, PAJ97, RL02, RW01, SDS10, Shn95, SM00, SKI96, SE15, SOG94, TVO92, VBM90, XMN92, YBO1, ADV14, BFTV87, BG89, CEGS07, CP10b, CWP12, CPO+03, FGG08, GKS15, Gro85, HHS20, HES11, HVW16, IJK20, JK98, JM15, KHT+14, KTF03, KAG91, KP05, LFJ+20, LYIP19, ML89, MCAS12, MP10, MML07, MRT18, O005, OGRV+12, PLD87, SM08b, SA11, So13, SBB20, SKL93, TR89, Tay87, TdAR18, XWC+08, YÖ11, dIAMCFN12].

Implementations [DT01, KLS84, SAC+98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tät11, TYA16, YBM13]. implemented [VLCM+20]. Implementing [BC94, Cohl90, DRC90, GSC96, HK08, MT95, DM90b, OB88, TR16, YFBY17].

Implications [AH94, BS96a, GTN+06, HKK+18, MT96, MG93, SH92b, TSA97]. Implicit [BAM93, Fre96, HWL18]. Implicitly [SAC+98]. importance [MLMSMG12]. imposed [BKS91]. impossibility [AP16]. Improve [CB02, DS95a, SKH96, CDR90a, CSW+17, DGMS20, GLC14, RKA20, VRM10]. Improved [AM97b, AS91, CLZ02, Che05, CP10b, CMR20, DL98, DED+20, FTO4, GJP96, HSH10, JR95, KLC05, Mii99, PB95, TC13, Tsu07, Wor93, Ara13, Bad04, CLZ19, FWZ+20, GMVRS16, TDC05, VJR20, dIAMCFN12]. Improvement [yCM98, IAS+92, YWF21, CZZ+17]. Improvements [GCB+00, WSS93, DPSD08]. Improving [AM13, AHG12, CLG+16, CRWX12, CKWT17, CAF+11, Dah99, DK04, GT02, GYY+14, GP05, GMM00, HHK15, Kan05, KZ11, LTL06, MBR08, QGZP19,
[RMGM19, SFML21, SPBR20, SBB21, SLKK12, WTB+08, AA10, CCK88, HBSASA19, KWZ19, LBT19, LSZL20, 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, FK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incomplete [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90]. inconsistency [OD95a, PK04a, SCD99, TC92, CASD18, GLW14]. Incompletely [BSGM90].
inner [Lis90, ST85], innovative [MCS+19], input [LY08, NAK04, PMV05].  INRFlow [NPE+19].  Insensitive [ST02, ST06].  insertion [SS17].  Insight [Kur21].  INTEGRITAS [LZS+20].  instantiated [KIS90].  Insensitive [ST02, ST06].  Insight [Kur21].  INSIGNIA [LAZC00].  inspiration [CMMN10, DPSD21, GVBB13, HD10, PG19, SATJ20].  Instance [SM94].  instances [PDB13, ZG13].  Insanely [TOR+14].  institute [Nee17].  Instruction [AGG98, LPU97, Gro85, LLF+20].  Instructions [KW20, dSR00, Sol13].  Instrumentation [GP91].  instruments [CKK+13].  Integer [DL98, Fag92, SS96, KKVI05, VM95].  Integrate [dKG10].  Integrate [Ten90].  Integrating [Bir94, DT11, DRST02, FKT96, Lu01, OK02, PY96, KKKP12, YT05].  Integration [ISZBM99, KL84, LY01, YJKD10, Ano04d, HMV07, Kum17, YK04, ZMZJ17].  Integrity [AA21, BCO+12, LZSL06, WHY+21, YLZ+20].  Intel [AS20, CHLL18, FPD93, LTG14, RPN19, SMLK93, TGFPRPA20, Zha11].  Intelligence [MT85, KAA+19b, Kur21, LDPLC+19, SATJ+20, ZGJ+18].  intelligence-based [ZGJ+18].  Intelligent [IAS+92, KSP+92, LHW+19, SH98, ZPN+21, ZL93, CDJ+89, KBC19, KDS18, PLS18, Sch09, WJD91, YWW18].  Intel(R) [KVNV17].  Intended [CTC11].  Intensive [ABM+92, BS09, BS11, CA95a, EH01a, SW90, CkLCK04, CkLCK05, DF17, HZZ+19, HWLR14, KAS07, MLK+16, RBN11, Ren11, SC04, VB08, WZZ+17, WG11, ZMCP11].  Inter [CCSS18, FKLBO8, GZG+17, Kan05, LZZ+20, RS19, SMMG20].  inter-core [GZG+17].  inter-domain [LZZ+20].  inter-node [FKLBO8, RS19].  inter-procedural [Kan05].  Inter-Thread [CCSS18].  Interaction [CCM92, DH95, LLCC02, HWLR14, LLF+20, YJJL16].  interaction-intensive [HWLR14].  interactions [CK08, PARB14].  Interactive [LHM95, RGS00, CTS17, HSS17, MCD+21, MAR05, TSD08, TD07].  Interactive-Rate [RGS00].  Interconnect [HP97a, WLY01, AHA+16, KGP+21, MG09, UM17].  Interconnected [DH95, EH01b, Guo94, KM97, QMCL94, CPJ+19, GMH+91, McA98, SGAC14, TRSS06].  interconnecting [AJH+20].  Interconnection [AAD98, AA95, BETD94, CW01, CJA09, DYZ96, FD86, KRSZ02, KAM94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, MO84, O055, Pad93, PL93, SW96, SZB92, SX95, TH02, TXe91, VB96, Wan96, Wn01b, Wi02, YWP00, ZMPE00, ZW90, dBL95, ARI17, BM14, BDjQ86, BHR91, BR91a, Blu87, BJ15, BR91b, CM04, CkO04, CCAAS19, CS06b, DE91, FJC04, GJ12, Har91, JBM91, KMC16, KRL87, LK90, LLKY13, MHW86, NPE+19, Pak89, Par05, PW16, PW17, PMCC18, SSMG20, SS91, SL89, SH89, WCC02, Wi090, ZDC06].  Interconnections [LLJ00b, SL97, THN+93, Oza04, YB90].
Interconnectivity [DSF97]. Interconnects [ES07, HP00, MO97, MG93, PEC95]. Interdependent [SNPC12].


Internet [Bar05, BJ18, CXQ+18, CCC+19, CDPS18, DAPR18, ECP+18, GLF20, HMY+18, JZWX20, KA08, LAS+19, LJQ+19, MS19, MBM+20, MXL12, MZZC12, NPS+19, PJ18, RSVE19, RKA20, She09, TB90, WSX+19, WHC+18, WLD102, WCC18, XLL+21, XO05, YWJ+18, ZLT+19]. Internet-based [She09, XO05]. Interoperability [AZW13].

Interplay [ZXGD18]. Interpolation [CWW+95, Goe94]. Interpretation [FAGW95]. Interpretive [PH00]. Interprocedural [HHKT96, CK88]. Interrupting [AST12]. Intersecting [FSV17]. Interval [CI03, PT01, RSGA20, Sch87, BBCQ13, MHLZ16, Sta04]. Interworking [WH08]. intra-node [GM13, Kan05]. intra-procedural [Kan05]. Intra-chip [MCM+11]. Intrinsic [PAS15]. Introducing [CCE+17, Ada17, BLZ+18]. Introduction [AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, Gau06, GC95, Her92, JW94, Kri92, KRS14, Lin93b, LI10, LR05, MCH93, MGS+06, MKN14, NT90, OW01, PN97a, PN97b, PA96, PR14, Sh90, SH92a, St09, BG90b, TY95, IB04, TFV+15, WW03, WC05].


Inversion [SV96, mYyF92]. inverted [WJ12]. Investigating [LCB16]. investigation [CD95, GKS15, PHW+13]. Investigations [Sch13]. Invited [Ano01m]. Invocation [BBB+06]. invocations [BVG14]. IoT [Ale19b, AMSA19, AGC+21, CLW+19, DBW+18, DKJG19, GRZ+18, HHR18, LAS+19, LWWQ18, MLT20, MGE20, MA19, PH18, SCW+18, SKS21, SLZ+19, TODQ18, TAM+19, VS18, WHY+21, XLL+20, YYW+18, ZGJ+18, ZWS+20, ZMR18]. IoT-assisted [MLT20]. IoT-based [YYW+18, ZGJ+18]. IoT-CANE [LAS+19]. IoT-enabled [SLZ+19].

IoT-Fog [SKS21]. IoTDeM [LWWQ18]. IoTSim [AHJ+20].

IoTSim-SDWAN [AHJ+20]. IOV [DYL+12, GRJ+15]. IP [HZY04, HC09, JP09, JBY+05, KERU04, LAZC00]. IP-Based [LAZC00, JBY+05]. iPACS [KCR14]. IPDPS [OY13, Ben15, Mue13, Pan09, Phi13, Rob09]. IPDPS'18 [BC19]. IPFS [KTM+21]. iPSC [DHR96, FP93, SMKL93]. iPSC/2 [FP93, SMKL93].
iPSC/860 [DHR96]. IPv6 [WZ13]. IRISGrid [VPHML06]. Irregular [Ano96i, DUSH94, FTM+14, FR98, FBK98, FY97, KK98a, LWP02, MRRV98, Nic94, NPPC02, PGRP17, RWK95, TFV+15, WP02, AM13, AC16, CB06, FCP+15, GRR+05, KG19, LWCC15, MSAZ10a, MSAZ10b, PCMM+17, PA15, SPBR91, TP18, TLC20, ZSW14]. Irregularly [MNM98]. ISA [KNHH18, SSFP11, SPC+17, SM08b, SBB21]. Island [CGKK97, GB06]. Island-Based [CGKK97]. islands [dGP06]. islands-based [dGP06]. Iso [KF95a]. Iso-rectangles [KF95a]. ISODATA [DSAUM99]. isogeometric [SWLP19]. Isomorphism [GS99, KW02, Pla13]. isosurface [WJV07, ZB09]. Issue [AP93, AL99, AS13, Ano95i, Ano96j, Ano96i, Ano97], Ano99g, Ano01e, Ano02v, Ano20w, BD00, BS09, Ch192, CDJL09, CDJL11, CFGH19, DOP98, Dek00, DDE19, DT92, ES97, FTM+14, FR98, GC95, GMSS+11, GS01a, Gra09, JW94, KRS13, KRS14, KRS01, Lan09, Lin93b, Lk10, Mir91, MNK12, NT90, Ola01, PN97a, PN97b, PA96, QGB+17, Sch90, SLL18, SH92a, SB97, STS19, Sto90, SFC17, TFV+15, TFV19, BG90b, TY95, Wee01, XMM17, YW91, ZO97, AB03b, BC19, BOP06, BS11, Cuz11, DF12, DB18, FPS11, FPS12, Gra10a, Irw88, IB04, KL08a, KL08b, LZ11, Las12, Lk11, MS20, MSGS+13, MKN14, PR14, 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, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, DVW94, MFS93, NCRK19, Nie94, PS01, THBF97, Ano20w, BAK+03, GCY+04, TB90]. Item [AAP01, San99]. items [LT10, ST14]. itemset [VP20]. Itemsets [BMLLC+19]. iterated [KHRW13]. Iteration [BW96, CC87, RS92a, YBX+13]. Iteration-level [CC87]. Iterations [AR97, CASD18, YS11]. Iterative [Bah00, BSS99, CTD99, CH94, CG10, ESMS96, IPK85, LPX05b, ÜD06, WB06, BLB+20, BDRB14, CF88, CRC+02, FGG08, KMS+06, NVK+11, Sok21, VGAB08]. iterator [Lon04]. iTPS [TDC05].

J [KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. Jacobi [CASD18, EP90, HBD15, HS17, MVV91, MV94, RS08, ST87, TYA16, WPC19, ZB97]. Jacobi-Type [MV94, MVV91]. James [Ano92c]. jamming [LSWY20]. January [Ano21u]. Janus [DMG18]. JAVA [MA00, AST90, BSS99, CTD99, CH194, CG10, ESMS96, IPK85, LPX05b, ÜD06, WB06, BLB+20, BDRB14, CF88, CRC+02, FGG08, KMS+06, NVK+11, Sok21, VGAB08]. Java-Enabled [MWL00]. JBSP [GLC01]. JDPC [MSG5+13]. Jean [Ano96i]. Jean-Michel [Ano96i]. Jerzy [Ano96i]. JESSICA [MWL00]. jet [MD20]. JMX [JM00]. Job [FKSW97, Li05, TDBL13, BCM+21, Ben19, DBA+18, EHL+15, FCC07, GRDB05, GMVRGS16, GYY+14, LC90a, MLK+16, MS86]. job-scheduling [Ben19]. Jobs [CB02, CL91b, HSH10, LYW+16, LF03, MLG05, QJ05, SF05, SHC14]. Join
[HTL99, LT94, GK19, Gow21, LL18].

Joins

[CG86, CTKA17, CKWT17, CKLW19]. Joint [AAA+10, AF06, ABF+14, CW21a, LBT19, LYW+16, LZLX1i, AS19a, CCA18, GDL+11, ZY12]. Joker [KG20].

Jones

[CG86, CTKA17, CKWT17, CKLW19].

Joint

[AAA+10, AF06, ABF+14, CW21a, LBT19, LYW+16, LZLX1i, AS19a, CCA18, GDL+11, ZY12].

Joker

[KG20].

Jones

[NHO+13].

June

[Ano99g, AS13, Ano97j, BS09, CDJL09, Cuz11, FTM+14, FPS11, GMSS+11, Gra09, KRS13, Lan09, Las12, LK11, MSGS+13, MNK12, TH11].

JPDC

[LK11, KRS14, MKN14, PRS14].

JPDC.1999.1564 [Ano00d].

JPEG

[CD95, WLCZ15].

July

[Ano20-27, Ano21q].

July

[Ano20y, Ano21r].

June

[LFS16].

June

[Bal90, PBB+17, PGKV18].

Kernel

[MBBD13, VGMG20, GM13, IBP08, KBRS11, TMK+17].

LABS

[LDZ+14].

LAB

[DFP06b].

LaDAR

[YWAT13].

Lagged

[Ahu97].

Lagrange

[Goe94, SAAKMA02, ZZC92].

Lagrangian

[Kal04, BHLT14, Kal04, Uhl20].

lags

[LY91].

Lamport

[Lo92, TPLY18].

LAN


LABS

[LDZ+14].

LAD

[YWM96].

Lanczos

[AdP97].

Landmark

[WX03].

Language

[BCD95, BBH+97, BN94, BHS+94, CC91, DRST02, FC90, FKKC97, FMW+94, LS85, Chi95, DMSB20, ESA03, JWH+17, LMY+11, MRRS14, PLO87, Pz00, RSW91, Stp20, ESA03, LT05, SBKB90].

language-based

[Stp20].

Languages

[BS90, KBC+01, KRS13, KRS14, MS20].

Large

[ABDS02, AFG+19, Ano92c, BP01, BMCP98, Efe96, Fag92, Gk98, Gk93, JH92a, LK98, Lin93a, MRJ+19, OK01, PTZ06, SR95, SM04, VN93, VL97].
WRC\textsuperscript{+02}, WBRT13, XMMD17, AM13, MBM\textsuperscript{+08}, BKC\textsuperscript{+15}, BA06, BDL\textsuperscript{+19}, BLB\textsuperscript{+20}, BMF05, CC16, CS06a, CLOL17, CTKA17, CVJ09, DV13, DB11, DBCF13, DHK04, DLW\textsuperscript{+12}, HRC09, KESA07, KSSL16, KSJC17, KBC\textsuperscript{+10}, KG\textsuperscript{+P21}, LGZ\textsuperscript{+10}, LYL08, LZY11, LHW\textsuperscript{+19}, Lon04, Luc18, LWCG14, MYM10, MBMC19, MVP17, NAB\textsuperscript{+11}, PP13, PB19, PDB13, PK07, PK21, PLK\textsuperscript{+18}, RW02, SBL20, STG\textsuperscript{+20}, SS17, SMT15, VM03, WCWO17, XHY07, YH07, YÖ11, ZV09a, ZVL11]. Large-eddy [SM04]. Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, AFG\textsuperscript{+19}, MRJ\textsuperscript{+19}, WBRT13, BMB\textsuperscript{+08}, BMF05, CC16, CLOL17, DB11, DBCF13, DLW\textsuperscript{+12}, KESA07, KSSL16, KBC\textsuperscript{+10}, KG\textsuperscript{+P21}, LGZ\textsuperscript{+10}, LYL08, LZY11, Luc18, LWCG14, MBMC19, PB19, PK21, SBL20, STG\textsuperscript{+20}, VM03, WCWO17, XHY07, ZV09a, ZVL11]. large-size [CVJ09]. large/irregular [AM13]. Larger [Mah95]. largest [Deh90]. LARPBS [dR09]. LASs [VLCM\textsuperscript{+20}]. Last [Tay02, DMI\textsuperscript{+19}, FABG\textsuperscript{+19}, RFPAG08, SS17]. last-level [DMI\textsuperscript{+19}, RFPAG08]. Latency [GS00, HF02, KUFM02, LDZ\textsuperscript{+14}, MR94c, RJY96, THGY15, ZYH94, ASA18, ASS19, CRD12, CM12, Dav17, GKTW21, IS06, KSS03, LW19, MS19, NCB\textsuperscript{+17}, PRHB06, RM11, SLKK12, SFHS19, SLZ\textsuperscript{+19}, TVT\textsuperscript{+17}, WL92]. latency-sensitive [ASS19]. latency-tail-tolerance [SLZ\textsuperscript{+19}]. latency-tolerant [NCB\textsuperscript{+17}]. Latency-Tolerating [GS00]. lattice [AvA18, GMS06, IBP08, WCO\textsuperscript{09}, WZY19]. law [NZ17, SC10, CN14]. Laws [FLS\textsuperscript{+97}, SHRM19]. Layer [BNSP99, DDO\textsuperscript{+18}, KNS06, PKW\textsuperscript{+10}, WCL\textsuperscript{+13}, XTGJ21, YYYW19, dIAMCFN12]. Layered [DDD98, SSK96, CI03, LHF91, LL12a]. Layers [ZAW94]. Lazy [GSC96, MYD95, PMV20, DS04b]. LDA [BOKS19]. LEACH [CCC\textsuperscript{+19}, NSA11]. Leader [AS96, SS05, BT20, DLV11, DGDF10, Pe90]. Leaders [SK94]. leaf [CW21a]. leaf-spine [CW21a]. leakage [KK11, NKV14]. leakage-aware [KK11]. Leaping [KM17]. Learning [BM11, CGK20, CW92, MBG\textsuperscript{+17}, TFV19, WT92, YWF21, AC89, CXQ\textsuperscript{+18}, DPSD21, EM11, FFYH19, GMRRG19, GLL21, HDJ21, HFA20, HSS17, HKX\textsuperscript{+18}, HHK15, KAA\textsuperscript{+19a}, KCFP18, LGZ\textsuperscript{+10}, LIHH11, LCW\textsuperscript{+21}, LCJ\textsuperscript{+18}, MS86, MRB20, MCZ14, NGS21, NZA13, OPR18, PSGS17, RT18, RDCQ17, SM08b, TXLL14, TM10, Tor89, Upa13, VM95, WCR\textsuperscript{+20}, WDS\textsuperscript{+18}, XCC\textsuperscript{+19}, XRB12, YHKR20, ZGW\textsuperscript{+19}, ZKL21, ZDZ\textsuperscript{+21}]. Learning-based [CGK20, MCZ14, RDCQ17]. Learning-TCP [BM11]. Leashing [DHS06]. Least [CB95, HLS03, KAP90, ZYO02, BBd90, PG20, SMKL93, TBZB05, XKB07]. least-mean-square [XBK07]. Least-Squares [CB95, ZYO02, HLS03, KAP90, BBd90, SMKL93]. LED [MLW\textsuperscript{+97}]. Lee [BVB02]. legacy [LWR\textsuperscript{*03}]. Legion [LFH\textsuperscript{+03}]. Length [BL94, KP17, MP08]. lengths [KIH15]. LEON3 [TdAR18]. Let [CVK\textsuperscript{+18b}]. Level [AC16, BBH\textsuperscript{+97}, BSS07, CD98, GS98, HKT\textsuperscript{+91}, HWW96, IKK20, WCR\textsuperscript{+20}, WDS\textsuperscript{+18}, XCC\textsuperscript{+19}, XRB12, YHKR20, ZGW\textsuperscript{+19}, ZKL21, ZDZ\textsuperscript{+21}]. Learning-based [CGK20, MCZ14, RDCQ17]. Learning-TCP [BM11]. Leashing [DHS06]. Least [CB95, HLS03, KAP90, ZYO02, BBd90, PG20, SMKL93, TBZB05, XKB07]. least-mean-square [XBK07]. Least-Squares [CB95, ZYO02, HLS03, KAP90, BBd90, SMKL93]. LED [MLW\textsuperscript{+97}]. Lee [BVB02]. legacy [LWR\textsuperscript{*03}]. Legion [LFH\textsuperscript{+03}]. Length [BL94, KP17, MP08]. lengths [KIH15]. LEON3 [TdAR18]. Let [CVK\textsuperscript{+18b}]. Level [AC16, BBH\textsuperscript{+97}, BSS07, CD98, GS98, HKT\textsuperscript{+91}, HWW96, IKK20,
Kav93, KOW97, KRS13, KRS14, KL84, MR94b, MHC95, Qia97, RP95, SSCH00, SBKB90, AY09, ACU08, BBH17, BYG18, CCC14, CLMRL15, CC87, CTCX08, DMI19, DAB14, DMS16, FABG19, FLCB10, GAC17, HES10, IKS87, JB20, LC14a, LWH19, LPLFM12, MAJJ05, MEMEM17, NPE19, OWK14, OMT17, PRHB06, Pfe90, Ren11, RFPAG08, SS17, SGdSS13, VD04, WCKD06, WMES12, WZC20, YSL08.

GM96, HS97, HILLY95, HTL99, HO94, HC97, JR92, JW89, KSB+20, KGV94, LK94, LHVW95, LT94, LL98, MBM+20, MDD97, MF96, NSLK99, NFEG97, OB98, PB99, QY94, SBC12a, SH92a, SHT+95, SB97, SBAM96, TSHH01, TT98, Wan96, WS07b, XYKA08, XL92, XH93, XL95, ZLP97, ZXP09, ZM94b, vS91, AES11, AGMS04, ACCP12, ASES15, BCV05, BFH09, BFMT+18, BRPR06, BD04, CSWD03, CBD09, CVJ09, Cho90, CRC02, Cyb89, DB11, DED20, DLW12, DW04, DM94, FPdLS21, GRV08, GLC14, GC05, HJ90a, HLM90, HLL19, IC05, IS06, JL05, JL11, KAA+19a, KNHH18, KKS08, KC04, LTB02, LTL06, LLL06, LHKL03, LY91, MLDG12, MPV12, MVB05, MTS90, Mit07, MGG03, NHO+13].
load

[Nik03, PC11, PA04, PRN19, RN04, SU87, SB15, SX08, TBZB05, TKHG04, TLL18, TDCM21, TVT17, VP20, YJL16, YAA10, YMLP14, ZV06, ZSW14, ZZS21b, ZLMC14, dG91].
load-adaptive

[TKHG04].

Load-Balanced

[LT94, NFEG97, XYKA08, YMLP14]. Load-Balancing

[DHB02, FM99b, HO94, HC97, Wan96, CKLW19, SBC12a, ZXP09, KAA+19a, NHO+13, YJL16]. load-sharing [SU87].

Loads

[KC95, VB02, CG12, GRV08, HV13, KVA18, LML10, MDS20, MVB05, ZV06].

Local

[AD02, BSS99, BCD00, CGL95, FLS97, HR00, SR94, ADD17, AK07, BMARM07, CKN07, FHG+20, GJG88, GTGLSA12, GNZ18, LMJC11, MS88, MAR05, ROB+18, Sch13, WWW17a, XCS06]. local-spin [AK07].

Loads

[AD02, BSS99, BCD00, CGL95, FLS97, HR00, SR94, ADD17, AK07, BMARM07, CKN07, FHG+20, GJG88, GTGLSA12, GNZ18, LMJC11, MS88, MAR05, ROB+18, Sch13, WWW17a, XCS06]. local-spin [AK07].

Localities

[GJX05].

Locality

[BS96a, CL96, FJV06, GXYZ13, JL11, KCRB99, KR00, MNB95, SCM99, SHT+95, SBRM19, EHL+15, FPP06, Kan05, KR06, LK13, Ozt11, SZD07, SKK14, SRT+18, WLL08, XCLZ03, ZWQ+16]. locality-aware [EHL+15, SKK14, XCLZ03, ZWQ+16]. locality-cognizant [LK13].

Locality-sensitive

[JL11, SRT+18]. Localization

[DFP06b, AKB10, CCW14, CRW12, DLLL11, KGPT21, LGM+21, LIDS16, MKM16, PD19, WDS+18]. localized [Cal06, KNS06, LS03]. locally [AMK+07, LFZ17, XHZZ16]. locate [DWX10]. located [SBC12a].

Location

[KER01, Li17, LS03, LAGK07, MMR98, XCLR07, ABF+14, BJL18, CZ90, DBW+18, HCM11, KHK18, LLR21, LLDL15, NYZ20, OJP+18, TZ07, TZI11, 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, SSdB+10, ST08b, AR21, CB06, Dim91, HSY10, HA06, ST05, XO05]. lockless [HMBW07]. Locks

[JNW96, AFA13, CG10, UBes10]. Lockup [SD91]. Lockup-free [SD91].

Loève

[FS04]. Log

[NTA96, CJA+19, ZFT+18]. log-analysis [CJA+19]. log-based [ZFT+18]. Logarithmic

[Nas94, OOW95, AF17]. Logarithmic-Time

[Nas94]. logging

[CZZY09, DWG03, JLM08, MMCL+17, MMCL+17]. LogGP [AISS97]. Logic

[AY93, CC91, CBdCD00, Mon94, NKV14, Tan84, DeG88, FPM+14, MLZY17, MV88, MC91, NAK04, PD21, SK90, WF89, XYZW14].

M [Ano92a, GA18, FC95, LZSL06, ZBF05]. M-TREE [LZSL06]. M-VIA [ZBF05]. M2M [TKG+17]. MAC [CCHC09, GZY14b, Los08, TLY12]. Machine [BG86, BDHF90, CA95b, IWOQ02, MB93, RDCQ17, SYO94, SR97a, SR97b, TVS97, TKG+17, ZL03, ZLZ+19, AES11, BH86, CL14, FMI18, GMRRG19, GL21, HTB19, HS86, HFA20, HLHZ20, HPSM91, KHT+14, KS18, KAA+19a, KNS01, KA99, KCFP18, LCW+21, LCJ+18, NGS21, Ros85, SBBP20, SM86, Upa13, WTX+19, WFK+19, WFS9, ZG13, ZLCZ18, CM93, CRFS04, CGSV03, EHS94, LAD+96, LST+13, LTD+93, Sab94, TKG+17]. machine-learning [KAA+19a]. Machines [BR96, BPN90, BCR96, CWP98, ERL90, Gup92, GKHS96, HK96, HB97, HLJ01, KRC00, KHS96, KLS90, LWW97, MK92, PAM94, RS94, RK95, RGS00, SSG93, SCMB90, San02, TSA97, XLL+20, YFS+15, ZAK01, AE88,
macroeconomic [BMB+08]. macropipelines [WAS88]. MAD [KGPT21]. MAD-C [KGPT21]. magnetic [CCN06, LDPLC+19]. magnetohydrodynamics [ZT20]. Main [DM99, BBH+17]. Maintaining [HS94a, LMP10, LY98, YC04]. maintenance [CDCD05, GHIJ19, MAPF14, WDDK09, XO05]. Major [SSL04]. majority [ZWS09]. make [AS19b, KW20]. makes [JXZ+19]. makespan [GG19, LZ05, SSM+07, TFMS15]. Making [LLT12, LFA96, VR95, ZKZF18, AKK+19, CNFMA20]. Making-a-stop [LLT12]. MalFCS [XLCL20]. Malicious [CDW+19, HMY+18]. Malleable [FZWL12]. Malware [DFP20, TY17, XLCL20]. manage [ASD09, PST+19]. manageable [GRZ+18, dAMFdS13]. Management [AKBA+20, AS13, AS15, BR02, CKK00, CY99, HlLLY95, HTL99, JM00, KER01, Kur21, LZ02, LO96, RDS02, RSBN01, TJ92, WLID02, YD98, ZRC99, AM11, AK18, BVGV14, CF19, CGK20, CKMP17, Fu10, FX10, GPT06a, GJG88, GF20, GBA08, HCM11, HMV07, HC09, HHS12, HSLL04, HYZ+21, HHK15, JZS+20, JWH+17, KKI1, KLJ+11, KBS+21, KGK20, LCC+05, LC11, LAS+19, LSZ20, LLF+20, LJJQ+19, LAGK07, LHL21, MBS+12, MLMSG12, MCP+18, NPS+19, NMPB20, NAB+11, NTC03, OJP+18, PZ09b, PF04, RWB+13, RGB20, RFW+21, RAN+17, SNMB16, SDDT04, SB20, SB08, SB12, SA19, SK05a, SLG+18, SL06, TZ07, TZ11, TB90, WYW15, WZZ+17, WLZ20, XRB12, ZMC06, ZNX+21, ZV12, ZHO03, dKG+10, SHSH17]. manager [Gai87, SSD+20]. Managers [AB84]. Managing [AKBD10, FGKT97, SEP96, XB20, SS17, SZ+19]. MANET [YAA10]. MANETs [Hu11, YA11, ZA05]. Manipulation [PH91, HSX+21]. Manipulator [MS85, NS90]. Many [CHLL18, DDO+18, HP95, SR97b, AFA13, APRA18, AA16, AR17, BBBC12, BV21, CKK+13, FTM+19, JHF+17, Lai14, IWC+18, LTI14, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, SBSB20, TCH12, ZLS17, dCPD19]. Many-Body [HP95]. Many-Core [DDO+18, CHLL18, AFA13, APRA18, AA16, AR17, BBBC12, BV21, CKK+13, FTM+19, JHF+17, KSG13, IWC+18, MBBD13, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, SBSB20, TCH12]. many-cores [ZLS17]. Many-to-One [SR97b]. manycore [ETS14, FCP+15, KEK+20]. map [AR21, IZ12, IB04, CKML12]. Mapped [BF07]. Mapper [AM93]. Mapping [AGG98, BR08, BSJ+01, BA92, CN93, CH94, CW92, Dja04, GH99a, GW99, IAS+92, KBG92, LW90, LWW97, MM00, MAS+99, NB03, SH90, Set97, SBAM96, TBG+17, XI91, ZZ90, BS87, BLMB13, CMG14, CDAN14, DFST13, DQR+09, EL20, FLL14, HA91, KG19, KSS+07, KMS+06, LW16a, LMG+21, LB99, Lo92, LLS07, MTL+18a, MRB20, PMAL11, YWJ+18, YWG15, ZLKK19, ZWRI07]. Mappings [BP02, DP00, Igb92, SR97a, SR97b, SSHC00]. MapReduce [ALTV13, AM17, BCM+21, BK13, BD11, CCA18, CLOL17, GYY+14,
[ZYH94, DI91]. Mechanism
[Bal90, BCD00, JSM94, TAM+19, AS19b, CG11, CG12, CMR+18, CCW14, 
DGMS20, GLF20, GYY+14, GVA+08, HCM11, IRA20, KO11, MBO11, 
PC20, PMdO11, RA11, SS21, Sheo9, XO05, YF07, YLL21, ZBW+17].
Mechanisms [KPC96, KC99a, ASKO16, KV19, AL19b, CG11, CG12, CMR+18, CCW14, 
DGMS20, GLF20, GYY+14, GVA+08, HCM11, IRA20, KO11, MBO11, 
PC20, PMdO11, RA11, SS21, Sheo9, XO05, YF07, YLL21, ZBW+17].
Media [WUG99, HK05, KLP10, XYDL06, XHY07]. media-based [XHY07]. 
Median [CCC92]. medical [XHY07].
Membrane [YLZW18]. membranes [PMV05, PMV06]. Memoriam 
[Ano04r]. Memories [CH92, PH91, Sin92, Yan93, GKK+13, JB20, KR17].
Memory [AD95, ACD+93, AMN00, Ahu97, ADS98, AS91, BR96, Bas97, 
BS96a, BCLR96, BF97, Bi+92, BCR96, CRB19, CB95, CP91, CP98, 
CA95b, CJ99b, DS95a, DY99, DA97, DUSH94, DP00, DH95, DM99, DT92, 
EP90, EMSEM20, FY97, GAG+92, Gra99, Gup92, GKHS96, GHSJ96, 
Haw97, HMR15, HPT02, HA92, HA05, HLJ01, IWM97, JF95, KRC00, 
KSS97a, KHS96, Ke+00, KC94, LWY97, LK98, Li+01, LA93, MF94, MR94c, 
MS98, MG91, NSS97, O98, PHB96, PAM94, PA96, PB99, PL95, PY96, 
RL96, RS96, RWK95, RY96, RGS00, SL95, SLL18, Shu95, SS94a, SDS99, 
So96, SC91b, SN93, Tan18, TJ92, TTG95, TY95, VSR91, VS16, 
VN3, WW96, WD94, Wil92, YW91, YMR93, YB01, YL98, ZK10, ZLH+18, 
AM13, AL04, ACHY18, BC06, BMM08, BBH+17]. memory 
[BBE+21, BJ103, BBD18, BS92, BGM+08, BCF+94, CBP02, Car95, CC16, 
CM14, CJA09, CPO+03, CK91, CDA14, Cyb89, DFP06a, DT11, DI91, 
ETS14, Eij18, EMCE20, EKNS17, FZC+05, FJ04, FW+10, Flc14, 
GJG88, Gra10b, GL90, HDCC91, HGFF10, HMBW07, HZHS18, HHA14, 
Hus17, HC91, IH16, IRRS16, ITT04, JSA21, Joh91, KKR14, KRM14, 
KKL14, KMS10, KP05, LL90, LC91a, LLB+18, LHZ+18, Lop18, MTM10, 
MSV19, MDS20, MSK+16, NHX+19, NNM91, Nik03, No12, Pad91, PK05b, 
P03a, Pet19, Pop91, QG+09, QGP17, QGP19, RS19, RFPA08, 
RRH12, RDCQ17, SSGG18, SYU07, SB15, SZD07, SIS0, TZZ+20b, 
TW89, TGPU16, TGPPRA20, TLC20, VETT18, WL92, YZG+10, YLB00, 
ZKF18, ZJW+21, ZPK+14, ZLX12, ZFL89, HZL18, MP10].
Memory-Access [Bit92]. Memory-aware [HMR15, TZZ+20b].
Memory-Electric [IWM97]. Memory-side [HA05]. memoryless 
[BKMT14]. mental [Eij18]. Merge [NT93, SM00]. Merging 
[VSIR91, AY09, DO89]. Mesh 
[AP94, Ann94, ADM+94, yCM98, CCC92, CWW+95, CL96, CY96, CDP95, 
DR19, EL97, EH01b, FZVT02, Fe+03, GPJA10, HHM94, IM00, JP95, JS94, 
JB98, KRR20, KB01, LLJ00b, LME95, MD01, MP96, Moh96, Nak95, NSS99, 
OS96a, RO92, RR95b, R095a, SP96, SR94, SM00, Zhu92, ZYO02, ABC+09a, 
ABC+09b, BB85b, CL03a, Car90, CWL+07, DJDK19, DQH+21, Dja04, 
DAB+14, Efe91, FLL14, GDL+11, GH98b, GA16, GN18, HWW08, HWC08,
HR89, HR90, KKK11a, KHK18, KDH08, KT91, LZ08, LC90a, LC91b, Li06b, LC11, LWLD12, Los08, LB07, LV88, MLG05, MBR08, MRB20, MRJ+19, NPGV10, PB90, Raj04, Si86, SSM89, SC91a, SSZ10, SS94b, SZ03, SBRM19, VHH08, WCCX11, WH08, WBRT13, XYKA08, YSL08, FC14]. mesh-based [CL03a, LB07, MRB20]. Mesh-Connected [Ann94, ADM+94, yCM98, CCC92, CW+95, CY96, CDP95, Fer93, HJM94, MD01, Zhu92, ZY002, C06b, Car90, DQH+21, HR89, HR90, KT91, LV88, PB90, Si86, SSM89, SC91a]. mesh-NoC-based [FLL14]. Mesh-of-Tree-based [DR19]. Meshes [BLPV95, BPvW96, BA97, BSDE96, BM97, BOSW94, BO+95, BGOS95, CW00, CO+95, CL96, DS01, FF98, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NP1+96, NS94, OS97, OS96b, OSZ98, OB98, RWY93, ST02, SK97, SJ95, VB94, WCE97, Wu02, YCY00, BG16, BM04a, Ci03, CZZ+17, DV13, GLD06, KLC05, LWCC15, Mat06, dMS18]. Meshing [Y1Y97]. Mesos [LHNBB19]. Message [Ano94e, Ano95k, BB93, BKT95, BDH+97, CW92, CZZY09, CD98, DMS90, dADB96, GBES93, GH94, GHS95, GHS97, HNM02, Isl97, Kar92, LK96, Li92, LW95, MMCL+17, MD92, PY96, Prael, SCMB90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BPW05, CV90, CPA+11, CJA+19, DLM19, DDNT10, FM07, GHS9a, GK04, HZA+15, Hal05, IRS16, JLM08, JZZ+17, Kak15, KMS10, KS13, LR06, LR03a, LWK+19, LW19, LLW+20, PS14, She06, TW87, TGPUC16, vS91, KTF03, PS01]. message-driven [GK04]. message-optimal [CV90, DLM19]. Message-Passing [CW92, dADB96, GBES93, HNM02, MD92, XH93, ZN01, DDNT10, GH98a, IR115, Ka15, KMS10, KS13, LR06]. Messages [AIS97, DLP99, FBDC99, LTWY95, LT96, SKH96, ASKTZ13, BD04, CL90, GPT06b, HBSASA19, KLC05, XLL15]. Messengers [FBDC99]. Meta [SWC+91, D06, GBES13, HKTG20, IRA20, KKS+12, LGZ+10, ZHO03]. meta-heuristic [HKTG20, IRA20, KKS+12]. meta-heuristics [ZHO03]. meta-learning [LGZ+10]. Meta-rules [SWC+91]. meta-scheduling [GVBB13]. meta-task [D06]. metacomputers [Li05, LCM+06]. metacomputing [BGH+03]. metadata [HOE+09, ZV14]. metaheuristic [MK+11, ROB+18, TLW18, WMG13]. Metaheuristics [TH11, TH13]. Metalevel [Zim96]. metaphor [SK89b]. Metasystems [GWL94]. metering [HRK+19]. Method [AC16, BC94, GH94, KLLK98, PB90, WS97b, XL92, XL95, ZYH94, AST12, Ale19a, ABC+09b, ATDH13, BH90, BR91a, BB+B06, CLZ19, CLC+17, CW15, DM17, GNZ18, HGX+19, KP05, LR14, Luk85, Mit07, MVP17, MA19, MRT18, ORR03, SHL+13, SMKL93, WCKD06, WPC19, WHW+19, XWC+08, YLL17, ZB03, dLAMCF12, PPTV+10]. Method-Level [AC16]. Methodological [Bev02]. methodologies [DMS+16, PSGS17]. Methodology [An092a, BJ99, KME92, LR93, MB92, NMS93, PA94, PA01, SKR93, SK93, ACCN20, CSJ+13, Che86, DSEP17, GL89, KME89, LdS18, MA19, OMT+17, PF91]. Methods
metrics [BSW07, DKKU15, PARB14]. metropolitan [LZZ'20]. MGR [DAPR18].


Metrics [RJA97, ZYH94, KC17, Luc18, SSMS08, Sta17, XCC19]. metrics [BSW07, DKKU15, PARB14]. metropolitan [LZZ'20]. MGR [DAPR18].


Microelectronic [THN93]. microgrid [DMKFJ20]. microrobot [LBMG15]. microscope [FCG04]. microscopic [WHW19]. Microwave [XTN12]. MIDAS [ECWV19]. Middleware [BNSP99, GJA08, SB04, AZW13, Ano04d, CTT08, KAS07, MSAF04, PF04, RPS19, SMTD04, SMPMLVLS11, YK04, dKG10]. middleware-based [PF04]. midpoint [TW15]. midpoint-based [TW15]. Migratable [KOW97]. Migration [AMB95, CLZ00, Lat95, NPP+02, SZ00b, ZXYO11, CR96, CLC+17, FMIF18, Ga90, GRJ+15, HTB19, HSBM91, JTZZ11, LY12, MB19, PP+20, TH08, WME12, WSX+19, WCR+20, XYK08, YLL21, ZLZ+19].


MIN-Based [ZNQ93, CRV94]. MIN-Graph [ZNQ93]. min-max [CSS21].

MIN-Based [ZNQ93, CRV94]. MIN-Graph [ZNQ93]. min-max [CSS21].

Minimum [CW00, DH94, Li92, RDL95, WW97, BC06, BPRB11, BBD18, BB04, HS12, tH90, KIO12, KSK15, LVP08, LY10, LMZ04, OMSGNSG05, SL89, WCWH03, YZLT09, YWW12, YLL11]. mix [Ahu90]. Mixed [CDY97, MRR+02, NDZ99, SV00, van96, BKS91, DMSB20, FCS91, Kal04, ZZJ+18, ZLWZ18]. mixed-consistency [DMSB20]. mixed-criticality [ZZJ+18]. Mixed-Mode [NDZ99, BKS91, FCS91]. Mixed-Technology [MRR+02]. MixHeter [ZLWZ18]. Mixing [FHL+15, Li10]. mixture
[SQQL19, XWL+20]. MKCE [RW01]. MM [Won99]. MMR [CCQ+06].
Mobile [Ano91e, BD00, BN02, BST01, CS00, CCK+08, DRY01, DL01,
GS01b, KER01, LAZC00, LC14b, MS00, Pat01, PRS97, SMR96, THGY15,
TAM+19, TPS+18, WLID02, ZR00, AKBD10, AP03, AH12, Ana14, Ano04d,
AK06, BWP+11, BN03, Bou03, CWD03, CNS03, CW05, CDD05, CWD11,
DFP20, DB08, DWX10, DLL+21, EBE08, EM11, FCM13, FCC07, FP17,
GQZ18, GRDB05, GZMC08, HKW05, IRA20, JZWX20, KERUM04, Kim11,
Li19, Lan09, LZ11, LZCY09, LP05a, LL10, LC11, LHW14, Li17, LL07,
LHT08, LWW18, LWD+20, LS06, MS05, MXSL12, MRC21, MS05, MKM16,
NSA11, NMN+14, PVP18, PMHM19, RB12, RKK06, REZN17, SNC12,
SGAC14, SM0+18, SY04, SJS08, SJ11, TZ07, TZ11, TM06, TC13, TY17,
TWQS12, VLI18, VA03, VRM10, WW18a, WZ+19, WZH+19, WYW+20,
WCR+20, XHG03, XG03, YK04, YC04, YCC05].
Mobile-Process-Based [SMR96].
Mobile [FCF00, GCB+00, KO12,
BEN12, CTK11, FX06, HC09, LL19, LZN19, RKK06, RB11, SK05a].
Mobility [FCF00, GCB+00, KO12,
BEN12, CTK11, FX06, HC09, LL19, LZN19, RKK06, RB11, SK05a].
Mobility-assisted [KO12]. mobility-aware [LL19]. Möbius [PCC20].
modal [AM11, BWP+11, Kar19]. Mode [NDZA99, WSA+94, BKS91, FCS91, YZ11]. Model [AGW01, AIS97, AM17, Ano97k, BPJG92, BA97, CC91, DL98, DKB15,
DG94, DF94, FTL92, Gao93, GS98, GD+18, HK96, HR92a, HR92b, JRR99,
KSP+92, KCV99, MRR98, MNB95, NDZA99, OKB95, QY94, SANY94,
SAC+18, SS18, SSS08, WSA+94, YZS96, w95, AHH17, ASK06, AHZ11,
ASES14, BM19, BBBC12, Ben19, Bi90, BG05, CLW+19, CBD+09,
CH06a, CAK13, CXX+18, CDJ+89, CRC+02, DZC17, DJW11, DKB15,
DRT07, DXS+19, GJ12, GSH+91, HZL+20, HM+18, IEWK17, JLI11,
Ko04, KLP+17, KC17, LR14, LMGLLG17, LFH+03, LZY11, LMX18,
LWX19, LTMS90, LC+18, LA06, LGK+12, LWW18, LXZ13, MS19,
MM06, MMN+18, MVML11, NV19, NSK17, NSTN91, JN91, NVE+21,
OO05, PV19, PLBG21, RSR04, RWF+21, RHH12, SSS07, SFML21, SL90,
So02, SK05b, TR89, TLL+18, TCB10, VHH08, WWW17b, gWW18].
Modeling [ATM01, CR91, CCM92, Chu92, CM93, CLRW00, DDO+18, DI91, FMW+94,
GHC+17, JZ05, JZK04, KNS91, LP96b, LPJS+18, PLD14, Pat01,
PMMMA15, Q505, RP98, SCM99, SFT+13, SIK03, SS00, TK07, WPC19,
XWL+20, AP91c, FX06, HES11, JWH+17, Jh01, KME09, KKK+11b,
LC15, LC13, LCC20, LF03, MCM+11, MSA11, NSA11, ORW+21,
PK21, RA11, SV08, UMM+18, YL12, YZW+15]. Modelling [STS19, Wu11, HNSA07, KME89, KKTZ13, RK18, SAOKM03, Sie16].
Models [AGW98, Ano96l, ABM+92, BDF92, Bir94, BSS99, BHRS95,
CDY97, CDF01, Cuz11, Cuz13, GAG+92, MM00, MLC+90, RHH96, SM92a,
SSO02, SM92b, ASA18, AFH+19, ClLCK04, ClLCK05, CJA09, DXS+19,
DHK04, Eij18, FTM+19, GLGLBG12, Har91, HK05, JKE13, KNNV17,
LCW+21, MS20, MMAL+06, Nes10, PL03a, PF91, Pop91, Rao16, SAR+18, SS06, SFML21, SRI14, SQQ19, TJCB10, TLC20, YQTV12, ZZ90, dG91. 
modern [EF9+14, GS18, HCC+20, YFS+15]. Modes [GGW96, SSG93]. 
Modifications [PM92]. Modified [WS97b, ZLBP91, CCC+19, GLW14]. 
modify [CH06a]. Modular 
[AM95, DD93, FC95, RAS96, BM17a, CBP02, Dja06, MD20, ZB+17]. 
modularity [GK04, LCW15]. Module [AM97b, EL91, MC91, ZFL89]. 
Modules [DP00]. modulo [YL90]. Moldability [CB02]. moldable 
[SBC12b]. Molecular [ES96, NPY+97, SPVvH03, TSA97, FGM+03, LHJ19, PARB14, PTK+13, WYTX13, XLHT13]. molecules [BOT13]. 
moment [RMU14]. moments [TRS+12, XLH18]. Monitoring 
[CSMML10, MLC+10, ST14, TG97, ZNQ93, ASK016, ACPT15, BOKS19, CL14, CF19, CK08, DMKFJ20, FEH+14, KDS18, LFS16, RSVW19, SB12, WSX+19, WZQ+13, YT05, YDZ+18, ZFS07, ZCW19]. monitors [TH08]. 
Monotone [HJDH01]. Monotonic [UH120, MAHK12]. Monsoon 
[HCAA93, NCA93]. Monte [Bro96, DPSD21, PAS15, ZS13]. MOOC 
[MBG+17]. morphological [SSL04]. Moset [MJ05]. Most 
[BS97, HH98, TAS+01]. moth [SS21]. moth-flame [SS21]. mother 
[MC03]. motifs [RSL12]. Motion [CP92, RR95b, OP08]. movement 
[AAL95, CLV95]. MPEG-2 [AAL95]. MPEG-Encoded [CLV95]. MPI 
[PS01, ATM01, BA06, BDH+97, CGS07, DPM05, DPSD08, DMB19, FKL08, GM13, HCC+20, HCF05, KLY05, KSB+20, LC97, MBBD13, Nes10, NCB+17, PARB14, TPL18, WLN06, Zah12, ZT20, dLAMCFN12]. MPI-2 
[DP08]. MPI-CUDA [dLAMCFN12]. MPI-FM [LC97]. MPICH 
[KF03]. MPICH-G2 [KTF03]. MPP [DM00a]. MPSoC 
[FL14, LZX11, OMT+17, ZXY011]. MPSoCBench [DMS+16]. MPSoCs 
[LW16a, MTL+18a, TCM+17]. MR [MF94, uRIL+18]. MR-1 [MF94]. 
MR-Advisor [uRIL+18]. MRI [GOH+13, SHT+08]. MSA [BFKW13]. 
MST [Fer95]. MT [VGM00]. Mukesh [Ano96]. Multi 
[ACU08, BG86, BBH+17, BA95, DED+20, EMM20, FF14, KGPT21, 
LK15, LWH+19, MAM05, MCZ14, NBP98, OMT+17, PKN10, PVR17, 
SR88a, Ser97, SM00, VGGM20, PLL+14, WW96, Wil92, YMG01, ZZ5+21b, 
AS19a, AHZ11, ASS19, ADD18, AGM06, AVAL18, BCM+21, BS+W17, 
BW+11, BLM13, COV13, CLT+20, CDD+19, CKC19, CMNT13, 
CC09, CMR20, CMC+19, CLL09, COF+17, CDW+19, DRA+17, 
DMFMC93, DWY01, FCW11, FCZ+12, FM17, FT+19, GDL+11, GS20, 
GS18, GKS15, GCS06, KZY14b, GB11, GSASA19, HRM17, Hu11, HZL+20, 
HMCG20, HUS17, IQC+12, IHH+17, JNJ12, JLW11, JYV06, KVA18, KSL13, 
Kep03, KVS07, KKN13, KN18a, KN18b, KHK18, KHM17, LKS14, LL07, 
LSS+11a, LSS+11b, LZY11, LNAL17, LZWZ19, LMG+21, LQX+20, LS03, 
LSC+15, LY13, LFRBG+21, LPLFCM+12, LLS+16, MS19, Man13, MB13, 
MP12, MZC18, MPN17, MAHK12, MRJ+19]. multi 
[MGRK14, MZZC12, NDP13, NL19, NMP20, NFH13, NVK+11, NC09,
mult-year [Kum17]. multi-zone [AGMJ06, JV06]. multi/many [Trä09].
multi-year/multi-zone [AGMJ06, JV06]. multi/many [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, LMZ04, LHT08, MAGL13, MK08a, PY09a, RA11, SKMM04, WW12, XLG+06, YF07, YCH+10]. Multicasting
[BETD94, FF98, Gon98, GS01b, LBT94, WE13, LSXX14, WCC02, XCS06].
Multichannel [HP97a, Mck94, WIR+18]. Multicomponent [Total]. Multicomputer
[AGF94, CSSY94, CW92, DY99, DFRCU99, GGD93, Lan94, LME95, LEB98,
NSLK99, OK01, PHB96, RS92a, RB96, SP96, SCC92, SB84, Swa98, TJ92,
WN94, XH91, XMM92, YB01, GH89a, HSMB91, RS90a]. Multicore
[KEK+20, PGS17, ABC+09b, BM17a, BSS+13, CN14, CP17, DR19, DKU15,
FWM+10, FCP+15, GZG+17, KHT+14, KyLPC17, KNHH18, LM13,
LM+20, LLLC15, LM16, Li19a, MBBD13, ND12, NZ17, PP13, SFP11,
SPC+17, SSG18, SPML21, SP13, SC10, WLST16, WCO+09, PPP14].
multi-core/many [MBBD13]. multicore/many-core [MBBD13].
multicores [CRSB13, LCB16, SBB21, SS17]. Multidimensional
[GC01, LS94, RS92a, DM19, aADC18, KT91, LB99, PMV05, QSL+08,
SC91a, SJG19]. Multifaceted [Won99]. multifluid [LW16b]. Multigauge
[LR94]. multigrain [ABC+09b]. Multigrid
[MT96, MHC95, PSE+01, IOG20, IHM05, MRS+14, WH17]. multithop
[CDCD05, HW03, ZLCJ12]. Multilevel [BW89, KK98a, KK98b, SKK97,
VJR20, JSA21, LK15, MMS09, PAS15, SZW05, TK08]. Multilinear
[ECWV19]. MultiMedia [CCQ+06, ALL99, AZ01, GC95, JSCB95, LBL95,
Won99, WUG99, ZR00, AFG+19, AM12a, LVP07, SFT+21, ZV09a, ZVL11].
Multimedia-on-Demand [JSCB95]. Multimessage [Gon98]. Multinode
[VB94]. Multipacket [MS94, RR95a]. multipartitioning [DMCFCM03].
Multipath [LYL93, KPR88, OM10, SH89, WS08]. multiperiodic [TW89].
Multiple [ALL99, ADS98, BOSW94, BOS+95, CCC92, DLP99, FGKT97,
GH93, KS97a, KCS98, KJ84, KM91, LMCF90, LSC00, NSAS10, Par92, SM94,
SALP20, TVS97, VSIR91, VB02, WNA+94, Wan96, AFGK14, ACU08, BXA08,
BOT13, BLB+20, BFKW13, BSHM08, BFSK04, CAR90, CDS10, CHC05,
CL094, DMB+03, DKUC15, GRV08, IEWK17, Ikk20, JSW92, JTTZ+11,
JMI5, JP09, JW99, KAP90, KSS+07, KR87, Kum17, KIH15, LLL06, LY10,
LPX05a, LDP+14, Li19a, LSWC14, LV07, LVWQ+18, LWD+20, MVW05,
MHBW86, PTZ06, PH04, PLK+18, SK09, SPRG+12, SI13, SZ03, SRT+18,
XCC+19, YB90, ZWWX16, TJCB10]. multiple-bus [MHBW86, YB90].
Multiple-Pass [Wan96]. multiple-precision [IKK20]. Multiple-Writer
[KS97a]. multiplex [ZXD18]. Multiplexed
[HP00, HRG+11]. Multiplexing [AM95, PD92, QMCL94, QM01, ZLPP01]. Multiplication
[Fag92, Li01, NFEG97, ATD20, ASES15, BGO19, CLR90, EL91, ITT04,
LV15, MBW16, MPG17b, PR13, RCX+21, SKH15, TLC20. multiplicity [PMHM19]. multiplier [MS87]. Multipliers [SRK95, BOI91]. Multipole [SHT+95, YB01, KP05]. Multipole-Based [YB01]. multiprecision [MS87]. multiprefix [Coh90], Multiprocessing [CDH84, MBK+92, ABC+88, JS86, ZLWL12]. Multiprocessor [BW95b, CKL99, CP91, DS96, DRC90, DFN+94, GH90, GMM00, HP00, HC95, HN91, KS97b, LYC02, LF92, Lun94, MF94, MMRS98, MT95, MMVR97, MD92, OM90, PL5, PM96, PP92, QY94, RS92b, SEP96, Soh96, WF93, XZS96, ZNQ93, AA10, AOSM05, BHR91, BR91a, BYG+18, BS92, CRJ10b, D191, DMS+16, GL89, HDT+05, HA91, HC91, JWSG14, KA05, Lee00, LHK03, Li16, LW89, LVBO7, McA89, PK05a, PI90, SK09, SM98, SYYU07, TZZ+20a, TS01, YL89, ZZ90, 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, SC99, SY01, SD99, SD00, SC91b, TGTG95, VSIR91, YW91, YMR93, YL98, AP91b, BC05, CLM90, CRJ10a, Cyb89, FZC+05, FGP05, Ga190, GL90, HCM11, HRG+11, KA03, KK11, LEN90, LE91, LKP+10, LWCG14, NSTM91, Nik03, RFPG08, SPBR91, SD91, SM91, SA90, YB90, DOCS14]. Multiprogrammed [MS98, NS97, NPP+02, YL98]. multiprogramming [DI91]. multirate [HJDH01]. Multireader [HV95]. Multiresolution [KZ96, ZM94a, CL85, SHRM19]. Multiscalar [VS99]. multiscale [BFL+13]. Multisearch [ADM+94]. Multiset [AFS96]. Multistage [AA95, BETD94, LC96, OM84, PL93, SBZ92, TH02, Tze91, UI94, Wan96, Wan01b, YWP00, ATH91, BJ15, CM04, FZ90, HJ90b, Har91, JB91, LK90, MVM04, PW16, PW17, SH89]. Multistage-Network [UR94]. Multistart [Cza13]. multitasking [WZC+20]. Multithreaded [BJJK+96, BLG01, GGB93, GR97, KC99a, Lun99, PS01, RNSB96, RSBN01, SAC+08, SYSY97, TG99, YMR93, ACD+18, ABC+09a, CN14, LLLL15, NZ17, SLG06, TP18, TKHG04]. Multithreading [BL96, FKT96, KPC96, LK13]. multitiered [RH20]. multitonic [Sei05]. Multituser [BAL05, ZRC99]. Multivalued [HV95, HV09]. Multivariate [HK01, MMAL+06]. multiversioned [Ahu90]. Multiview [LLC20]. Multiway [SM00]. municipal [LHX+16]. Munin [Car95]. Mutnz [Ano92a]. MUPPET [MS88]. musical [WIR+18]. Mutual [AE95, Cha94, Cha96, DGFG95, FTC00, GB93, KY02, Kak15, KUFM02, NTA96, NM02, Sin93, XLC+06, ZYY96, AK07, Ara13, BDM18, BAS06, CW05, CH06a, CB06, DFR21, Go90, LASS15, MM07c, NTN12, Ram89, RDA18]. mutually [WW18a]. MVAMIN [JB91]. myoelectric [BAT+19]. Myrinet [KL01b, Q505].

nanotechnology [MKN14, MNK12]. Near-Data [SLHS19]. Near-Nomax [FTL92]. Near-Optimal [San99]. Nearest-Neighbor [OS96b]. NEAT [LST17]. Necessary [SJ96]. Negotiation [LL98]. Nested [BHS94, CWW96, DRR96, HS93, KBG92, Mer96, RSS99, SCB09, AGMJ06, BFTV87, EB09, LW20, ZLKK19]. Nets [BPJG92, BDF92, Chi92, Fer92, SP90, KK17, NM95, WL92]. Netfinity [BAHP01]. Networks [BPJG92, EMCE20, BYT19, CMT92, ESCV15]. Network-Based [GS01a, OM84, PN97b, CVJ09, KJD03]. Network-on-Chip [BJS18, BV21, DR19, GJ12, JXW06, SY04, SK89a, Sta17, SMKL93, SALP20, TM06, TDP15, TCHC12, TYD+19, VM95, VHH08, VR86, VRM10, WL11, WW18b, WMC+18, WYA+21, WLYS19, WG11, WLZ+18, WWA+18, WIS+18, YGWJ19, YK04, YLZW18, ZWS09, ZWS+20, ZY12, ZWR07, dG91, AA14, SLW10, SLG+18, ZCF+17]. network-aware [RCG18]. Network-Based [GS01a, OM84, PN97a, PN97b, CVJ09, KJD03]. Network-on-Chip [BJS18, BV21, DR19, GJ12, JY13, AA14, ZCF+17]. Network-on-Chips [LK10, AM20]. network-When [STKW12]. Networked [FGKT97, HS97, LHM95, Oey07, BW09, FX10, HP06, JL11, SS08, XLL15].
Networking [Ano01e, GCY+04, Bou03, DWYB10, YPD+20]. Networks
[AAD02, AZ01, AS97, ABP92, Amn94, Ano92c, Ano00d, AA95, AS21, BSS97, BAES92, BCH95a, BETD94, BCD00, BDF01, BCH95b, CP97, CT96, CS00, CGDS20, CABA94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DL01, DF95, DC94, FCFO0, FT94, GGN93, GPJA10, GK98, GHKS98, GO95, GPS96, GB93, GS01b, HIKM94, yHY97, HLCZ00, HJDH01, HJ+98, JR92, JH92a, JRLA97, JH94, KKS01, KL01a, KRSZ02, KAM94, KRK20, KB96a, KL01b, KR98, KJ84, Lat95, LBL95, LYL3, Lee94, LL00a, LAZC00, LPS+98, LWOG02, LHHB+01, LC14b, LP95, LAPB20, MS00, Man94, MLW+97, MSH90, MS85, Mck94, MDD97, MSEM+19, NRS95, NSS99, NS92, OD95a, Ola01, OO85, Oru87, Oru94, OK01, PRW94, PA07, PA01, PL93, Pin01, PKD07, Pra93, QMCL94, Qia97, QM01, RS96b]. Networks
[RGB20, RP98, RMC97, Ros99, RLS96, SW96, Sei05, SZB92, SLP+98, SZ00b, SF90, SCD09, Szy95, THGY15, TV092, TPJ+19, TH02, VB02, WM92, Wan06, WR97, Wan01b, WB01, WP02, WAS95, Will92, WT92, YWPO0, Yan00, YN92, YMC01, YP96, ZZS+21a, ZHW19, ZZZC92, AP91a, AS09, AGMS16, AAD03, AB05, AKB+20, Amn06, Amm21, AP03, AH11, AH12, AHG12, Ana14, ACA+19, AMT13, Arb89, AYB+15, ABLP17, ALF03, AS18, BFG+03, BM11, BCV05, BSW07, BGLA03, BS03, BWP+11, BOY10, BFVB19, BDjQ86, BHR91, BR91a, BPRS04, BOP06, Bhu87, BT20, Bod89, BR91b, BC11, BN03, BJL18, BZL04, BMIM07, CI03, CM04, CG12, CB15, CFI+18, CKC19, CC14, CCW14, CNS03, CKN07, CW05, CS06b, CCK+08, CS10, CTC+10, CRWX12, CGC16, CHGC18, CS92]. networks
[CDR09a, CDR09b, CYZ06, CGG+09, CDCD05, CPA+11, CRSB13, CM93, CKML12, CMS04, CT04, CTT16, DF17, DW06, DLL11, DK11, DD96, DMB+03, DGBN14, DB08, DBW+18, DBCF13, Dim04, DKM10, DFP06b, DH04, EAL90, EBE08, EMD19, ESQ+18, EM11, EDH+17, FCW11, FCL13, Fei03, FY86, FZ90, FCZ+12, FJM06, FJKG08, FMM+08, FVCL05, FD86, FGL+11, FZ14, GGY10, GPT06a, GJ12, GRV08, GP07, GCV+04, GDC18, GSSS03, GDL+11, GHD20, GHI99, GJI99, GAGPK03, GYP13, GZY14b, GM14a, GB11, GL12, GJXZ05, GS03b, GMX07, HW30, HZA+15, HMY07, HJ07, HJ90b, Har91, HS06, HZY04, HS12, HRG+11, HT06, HDT+05, Hoh90, HL07, HZDP12, HJLR12, HM+18, HBA15, HS17, HAC17, ISA07, ISAZ10, IB04, JF12, JT88, JLY12, JBA15, JBS14, JH13, JBM91, JLWX11, JBY+05, JK15, KTP17]. networks
[KKV05, KSSL16, KSI04, Kar19, KKK11a, KKO6, KYZ+20, KOA09, Kin11, KKKP12, KSK15, KKH18, KGN89, KMF+05, KZ11, KKS09, KMS07, KDH08, KKK+11b, KKTZ13, KHS9, KGN11, KNS06, Lat15, LL19, LBMG15, LZ08, LK90, LR06, LDZ+17, LHKL03, LY10, LNA12, LR03a, LCW05, LPX05a, LW06a, LT07, Li10, LC11, LMJ11, LWLD12, LL12b, LHW14, LSXX14, Li14, LPSJ+18, LGM18, LWXX19, LSWY20, LS03, LC07, LR03b, LLW07, LHT08, LZN11, LHL14, LDS16, LW18, LHW+19, LLW+20, LZZ+20, LHP07, Los08, MLG05, MAGL13, MM04, MAM05, MS09, MYM10, MAPF14, MV88, MPV12, MA11, MSZ05, MBMC19, MCS14, MS88, MVBO5, MBRO8,
MYD+11, MKC+09, MAJ+05, MVM+04, MVP+17, MBO+11, MSZ+11, MHB+86, MK+08b, NPGV+10, NJ+91, NPE+19, NSA+11, NFHL+13, NC+09, NMN+14, N+13, OMK+14, OM+10, OMSGNS+05, Pak+89, Par+05, PK+04a, PL+06, PLY+15, networks [Pe+90, PCX+11, PCX+14, PSC+16, PKW+10, PW+16, PW+17, PV+07, PW+21, Pla+08, PLR+07, PMCC+18, PG+20, PB+20, RM+09, RM+10, RM+11, REK+10a, REK+10b, RLP+14, RFS+12, RKK+06, RB+11, RA+11, RHL+08, SCN+12, SAAT+21, SAOK+05a, SAOK+05b, SMP+15, SB+12, SX+08, SZ+09, SZMK+13, SGAC+14, SSZ+10, SGS+08, SKM+04, SK+05a, SL+89, SR+88b, SR+90, SAT+20, Ste+17, SK+05b, SCLL+10, SK+11, SJS+11, SH+89, TBHA+07, TLY+12, TOD+18, TDC+07, TMK+17, TM+10, TDM+05, TR+08, TWS+12, VO+89, Var+91, VA+03, VRM+10, WCC+02, WW+07, WG+08, WTB+08, WGS+09, WBTM+09, WW+12, WCL+13, WYW+15, WCL+13, WFLJ+16, WW+18a, WHY+21, WCX+11, W+05, WTS+03, WH+08, WL+10, WBT+13, WH+19, XLCL+20, XKA+08, XCLR+07, XHG+03, XQ+04, XWC+08, XHZ+10, XG+03, YMG+16, ZMC+06, ZW+19, XLCL+20, XYK+08, XCLR+07, XHG+03, XQ+04, XWC+08, XHZ+10, XG+03, Yp+13, YME+06, YF+09, YTZ+19, YDZ+18, YL+89, YSL+08, YYW+12, ZV+06, Z+16, ZMC+06, ZW+11, ZBR+11, networks [ZLCJ+12, ZCMY+12, ZXP+09, ZXGD+18, ZSCX+18, ZDC+06, ZTGL+17, ZLS+17, ZHO+03, ZCO+14, DOBG+15, ALLM+11, LDZ+14, LDP+14, LK+11, MLFC+18, MR+03, MEMEMH+17, PRP+09, RB+11]. Networks-on-Chip [MSEM+19, HRG+11, KKK+11b, LHLM+14, ALLM+11, LK+11, MEMEMH+17]. Neural [AA+93, Ano+92c, BST+01, CGDS+20, CW+92, FTL+92, HPT+97, JH+92a, KJD+03, Kri+92, LWOG+02, MM+00, MLCFH+18, Mon+94, NS+92, Piu+01, Ram+92, TVO+92, WT+92, ZS+21a, ZZC+92, eW+95, Arb+89, CLXX+19, CDY+19, FK+89, GH+89a, Joh+89, KH+89, LTBY+20, OGR+12, ODXX+21, PGP+12, SMKL+93, Tor+89, TDF+15, TYD+19, VM+95, XLCL+20]. Neural-Network [CW+92]. Neuro [MT+97b]. Neuro-Chip [MT+97b]. Neurocomputer [GFB+92, Ram+92]. Neurocomputing [Ebe+94], neuronal [VO+89], neutrino [AA+15], neutrosophic [MLH+16]. new [TZCD+21]. New [AK+17]. Newton [Pet+19]. Next [NAB+11, HB+10, RKK+06, SB+04]. Next-generation [NAB+11, HPB+10, RKK+06]. nexus [LC+14a, FKT+96]. NIC [JBY+05], niched [AS+19a], nine [DM+17], nm [HRF+11]. NMC [SANY+94]. NN [TH+16]. No [KF+90b, IR+12]. NoC [AA+16, CZFP+16, CAF+11, DJDK+19, FLL+14, HRF+11, LZI+11, LW+16a, LK+11]. NoC-based [HRF+11, CAF+11, LZI+11, LW+16a]. NoCs [BK+18, CG+17, LK+10, MP+10, MCC+20]. Node [AAD+03, BGO+19, HAC+17, KKS+09, AKBD+10, CFL+19, DLLL+11, DM+17, FKL+08, GM+13, KH+17, KVA+18, Lai+14, Lai+15, Lai+17, Lai+21, LDS+16, PCX+11, PCX+14, RS+19, RMHR+17, SJJG+19, TAM+19, TR+08, ZA+12]. node-disjoint [Lai+14, Lai+15, Lai+17, Lai+21]. Node-independent [HAC+17, CFL+19], node-powered [TAM+19]. Node-ranking [AAD+03]. Nodes [GP+97, NSL+99, SS+95, CK+91, DB+86, LKS+14, LW+18, NM+17, SI+13, WGS+08, XY+07]. noise [SFT+13]. Non [BH+05, Li+19a, TVT+17, ASH+20, A+20, BGG+03, BBFN+14, BK+14, CCAACS+21, CLLL+09, FSL+21, GOH+13, GRDB+05, GTGL+12, HZHS+18, HLL+19, KK+10, KR+17, Lai+86, LHWJ+19.
Li06a, MM07c, MAR05, NKV14, QS05, WMY^+17, WLNLO6, ZPK^+14].

non-asymptotic [Ati20].  non-blocking [KR17, QS05]. non-Cartesian [GOH^+13]. Non-clairvoyant [Li19a, Li06a]. Non-Cooperative [TVT^+17, GRDB05, KK10]. non-dedicated [HLL^+19, MAR05, WLNLO6].
	non-deterministic [GTGLSA12]. Non-evolutionary [BH05].

Non-collision [CZ08]. Non-cooperative [GA18]. Non-redundant [Wu94].
	non-dedicated [HLL^+19, MAR05, WLNL06]. non-deterministic [GTGLSA12]. Non-evolutionary [BH05].
	non-dedicated [HLL^+19, MAR05, WLNL06]. non-deterministic [GTGLSA12]. Non-evolutionary [BH05].
	non-dedicated [HLL^+19, MAR05, WLNL06]. non-deterministic [GTGLSA12]. Non-evolutionary [BH05].
	non-dedicated [HLL^+19, MAR05, WLNL06]. non-deterministic [GTGLSA12]. Non-evolutionary [BH05].
	non-dedicated [HLL^+19, MAR05, WLNL06]. non-deterministic [GTGLSA12]. Non-evolutionary [BH05].

Note [Ano01-34, Ano02j, NCRK19, Pel95, Num07, RSVW19, Ano04d]. Notes [THSS87]. Nothing [LT94, PVG06]. notice [PCX^+14]. Notification [ABP92]. notifications [APRA18]. Noting [HTL99]. notion [LJ86]. Novel [GMSS^+11, Lyc02, LLCL08, OS96a, AR21, BJS18, CWLD05, CCH09, CLC^+17, COF^+17, CSW^+17, GB11, Hus17, JdSJC^+15, LTB02, LMJC11, LZZ^+20, MSGS^+13, PLSM18, SDG17, SKMM04, TDCM21, WLL16, WXZ^+18, WXZ^+19, YY90, ZV99a, ZVL11, ZBR11, ZZS^+21b, ZZS^+21b, ZZW21, ZWX16, ZLC21]. November [Ano20-30]. NP [BRR01, MPZ09].

NP-Hard [BRR01]. NSGA [SMO14]. NT [BAHP01]. Null [DMHS90, BD04]. NUMA [EMCE20, FCP^+15, LE91, PB19, WF93].

Number [Ah97, Ano92a, Ano92c, Ano93e, Ano96l, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DDN06, FSZ07, GA18, HSSM07, IC05, KCP19, Li14, PD21, PK89, Pet19, Pet18, PH16, Stp20]. Numbers [NS94, Can18, JD12]. Numerical [BK95, Ben15, LLCC02, MRJ^+19, RW01, CDPS18, EFG^+14, NAK04, Sok21].

NUTS [LK90]. NVHT [HZHS18]. NVIDIA [JM15, KME09, TMB^+21].

NVM [ZLH^+18].

O [PB20, AW95, Cho93, CQ95, CD95, DD93, DT01, DLW^+12, DJT03, GGD93, GFPC14, JSCB95, JSWB92, KLL^+21, LTH97, ML05, NSSS99, NsPPC02, No12, WHW^+17, WLLW09, XLW^+20, ZCD^+21]. O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ^+19]. obfuscation [MMN^+18]. Object [CSSY94, CS95b, DR98, GCB^+00, HS00, JRR99, KC99a, LLS93, LTH97, Lop13, SG96, WPKK94, WLID02, WH97, ACFK07, Chi95, HD10, KC04, LLCL15, LFH^+03, LC11, MD20, SA19, SK90, SCK03, SRB^+19, SFHS19, TCS^+10, YJB91, ZV99a]. Object-Based [DR98, WLID02, ZV99a].
Object-Oriented [CSSY94, CS95b, HS00, SG96, Chi95, YJB91].

object-space-parallel [ACFK07]. Objective [DED+20, ADDB18, COV13, COE+17, CDW+19, FPF14, LÜ14, MMK+11, NL19, SGVRP19, SJVRVS19, SS21, SWLP19, Tal19, dCPD19]. objectives [FEH+14]. Objects [CLZ00, CDP95, HPT02, Kap93, SBAM96, VWHL96, WG93, Won99, van96, AEF11, MB19, SB15]. Oblivious [CRSB13, IM00, ABBD14, BF VB19, CLT+20, SAY20, YME06].

Observability [MI18]. observations [RT11, WHW+19, ZHO03]. observatory [AAA+15]. obstacle [KGPT21]. obstacles [SJR11]. obstructed [DWX10]. Obtaining [AFT+00, NAS+13].


Odd [DS96, NT93, SL95, ZDC06]. Odd-Even [NT93]. ODEs [OPG08]. ODMM [OPS09]. OLSR [KKK11a]. OLSR-aware [KKK11a].

Online [Ano93e, CS93b, CS92]. Online [Ano93e, CS93b, CS92]. on-chip [BYG+18, DJK19, KH12, LNA12, LLKY13, MDS20]. OLAP [DKRC+15]. Oliven [CR96]. OLSR [KKK11a]. OLSR-aware [KKK11a].


On-Copy [Ano93e, CS93b, CS92]. On-Dimensional [LP95, PTA08]. One-Sided [ZB07]. 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, LHLMI4, QM01, RCG20, SFT+21, ZGW+19, ZLMC14, AZC13, AFG+19, BFG04, BJL18, CXX+18, DFLO17, L06a, SHC14, TZZ11, WWY+18, ZDZ+21]. Only [GS00, SLKK12]. OneCopy [Ano93e, CS93b, CS92]. One-Dimensional [LP95, PTA08].

One-Sided [ZB07]. 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, LHLMI4, QM01, RCG20, SFT+21, ZGW+19, ZLMC14, AZC13, AFG+19, BFG04, BJL18, CXX+18, DFLO17, L06a, SHC14, TZZ11, WWY+18, ZDZ+21]. Only [GS00, SLKK12]. OneCopy [Ano93e, CS93b, CS92]. One-Dimensional [LP95, PTA08].

One-Sided [ZB07]. 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, LHLMI4, QM01, RCG20, SFT+21, ZGW+19, ZLMC14, AZC13, AFG+19, BFG04, BJL18, CXX+18, DFLO17, L06a, SHC14, TZZ11, WWY+18, ZDZ+21]. Only [GS00, SLKK12]. OneCopy [Ano93e, CS93b, CS92]. One-Dimensional [LP95, PTA08].
**Operation** [HLJ01, Coh90, DMKFJ20, KNS91]. **Operational** [RHH96].

**Operations** [BTZ98, DP98, FAGW95, HTL99, HLJ98, KSA95, PKD97, Van94, ZK94, BM04b, DT11, LMR05, SLZ+19, ZKL21, JSWB92]. **Operator** [CKLW19, CW21b, CL85, TG03]. **Operators** [BDKM94, SR94, SMO14, WH17]. **Opportunistic** [LYJ+19, AKB+20, AM07, DBW+18, LWW18, WW18a, WWA+18, dKG+10].

**Opportunities** [PJ18, TMB+21, ATKT19, IOG20, LZW21]. **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, SCH93, SL97, Szy95, SH98, THN+93, TBVPV0, WLY01, WHT00, YWP00, YMG01, ZLPP01, AM20, CS10, CS92, KK17, KH12, LY13, Mca89, NAK04, PLD14, SQQL19, 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, CCC+19, DS95b, DP00, DLP99, DT97, DF90, Ede91, FLPJ07, FM96, FXW03, FA95, FM96, FY96, GS91a, HV95, HKMU98, HM01, Ho91, HJD+01, HLL+93, IZ95, JP95, JLY12, JBP00, KERUM04, KUFM02, KS97b, KW02, Lai17, Lai21, LHS07, LSC00, LK94, LCW05, LL12b, Li14, Li19b, LO94, LO96, LV88, LS01, MS94, Man97, MW95, MPRH20, MPR19, NAK95, OS96b, OSZ98, OS20, OH02, PM05, PP06, PK05a, Pe95, PL94, PV07, PM96, RR95b, San02, San92, SJ95, SZ00b, Sin87, SV00, TR08, WL90, WLY01, WR97, WS95, WS97a, Wm94, Wa94, WHT02, Wa03, WLL08, YA11, ZV4, ZWS09, ZWR17, oP00, ANP07, BM04a, BPR11, BS92, CV90, CMS04, C90]. **optional** [DKKV15, DLM19, Dja04, EB13, Gue86, HDJ08, Li00, LH04, LS05, LIs90, LCB16, MD07, MPG17b, NW88, NZA13, PY09c, Pel90, PW16, PW21, PA04, PLR07, RTZ11, SGR03, SSM89, SGE91, Tam18, TZZ+20a, VS16, VAS+13, WC91, WIB12, XWC+08, ZQMM11]. **optimality** [HV09].

**Optimally** [TBVPV00, GQQX20, GC07]. **optimisation** [AD12, LL07].

**optimising** [PVRS17]. **Optimistic** [HF02, KYGG20, NH93, PW96, SS93, DWG03, JLM08, QS05]. **Optimization** [BLG01, CGN+13, CLA+18, CLRW00, DDGK13, DEC+20, DDE19, FM99a, FCF00, HA92, KCRB99, KZ96, KLS90, LWY97, MBW16, MC17, OK20, PMAL11, RL02, RNSB96, SMH94, SLSH95, TM+21, TRSS06, VSM96, WCO+09, ALM+16, AS91a, ATH91, AF06, APK18, ADBB18, BCM87, BNBR16, BDGR13, BHLT14, BMS19, BYH+17, CMT13, CCK11, CI86, DJH11, DLL+21, GZG+17, GH20, GL12, HVW16, JZ+17, K11, KA89, KKB+06, KLL87, LL10, LQM+12, LBT19, LGK+12, MD20, MZC18, NS12, NST19, NL19, NT20, ODXX21, Ozt11, PTN+19, QS05, RCG18, Ren11, RSS+08, SGVRP19, SS21, SS11, SCC+06, SZD07, SK90, SWLP19, SPPA19, Stp20, Str12, TCMB+19, TPS+18, WMW09, WCL+13, WR13, WQL14, WGM13, Wol88, XLHT13, XLH18, YWD08, YPD+20, YHK20,
optimizations [BW95a, DUSH94, KY96, RSB96, ZH99, ABC+09a, CZFP16, LJZ+19, ZCD+21]. optimization [DRR96, HLJ01, SF05, TDAR18]. optimized [ABDS02, Bar05, LMXJ18, WJ14, Ana14, BKS91, DKC14, LHCC19, PD21, Pet18, SBRM19, TW15]. optimizer [HILLY95].
CFI$^{+}$18, DW12, EDH$^+$17, FZ14, GB11, GJXZ05, LL19, LZY11, Luc18, MAPF14, RS19, RHL08, She09, SZ09, SHLN09, SK11, WCXL11, YCH$^+$10].

**P2P-based** [She09]. **PA** [SRT$^+$18]. **PA-Star** [SRT$^+$18]. **PACK** [BR96].

**PACK/UNPACK** [BR96]. **Package** [HS97, KOW97, XKMN94, CPO$^+$03]. **packages** [DAB$^+$14, PL03b]. **Packet** [GHKS98, GO95, JK00, LYL93, LS94, NS95, OYO0, PRW94, PV89, RD05, SL97, ZY12, BMIM07, CKC19, CK13, EKNS17, HBS17, HDMC11, KMF$^+$05, KK10, LW19, Nap90, OS04, PV09a, UM17, YSL08]. **packet-level** [YSL08].

**PacketStealLB** [FPdLS$^{+}$21].

**Page** [Ano18y, Ano18z, Ano18-27, Ano18-28, Ano19, LP91, NPP$^{+}$02, HSSM07, MT10, TH08, TGFPRA20]. **page-fault** [TGFPRA20]. **Pagenumber** [KRSZ02]. **Pages** [Ano20z, Ano20-29, Ano20y, Ano20-27, Ano20-30, Ano20-31, Ano20-28, Ano21s, Ano21p, Ano21u, Ano21r, Ano21q, Ano21t, Ano21o, Ano96l, Ano97k, Ano00d, CS93b]. **Paging** [DM99, Li17].

**PAHON** [DR18]. **Pair** [DP98, CTA20]. **Pairs** [BRG96, TU92, KS91, DCA$^+$15]. **Pairwise** [GP00, CK08].

**PAME** [YLZW18].

**PameLA** [GDL$^{+}$11]. **Pancake** [BS03, KAM94]. **pancyclic** [KBW20]. **pancyclicity** [XHZZ16]. **panel** [Rob09].

**Paper** [Ano01m, Ros07, OY13].

**Papers** [Ano95i, Ano95j, Ano96j, Ano97i, Ano97j, Ano98k, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano00e, Ano00f, Ano00g, Ano00h, Ano01c, Ano01d, Ano01e, Ano01n, Ano01o, Ano01q, Ano01r].

**Parallel** [CA95a, CWW$^{+}$95, Chi92, CV91, CDJL09, CN93, CP92, Cho93, CHR94, CY96, CWP98, CB96, CQ95, CR17, CGA98, CH92, CP94, CA95b, CHGM01, CRFS94, CLZ00, CvdCD00, Cuz11, DDO$^{+}$18, DFHH13, DM90a].
Parallel [HHM94, HK96, HH97, HGCC96, Han89, HES11, HB97, HB98, HP95, HR92b, HR92a, HHC98, HP97b, HN91, HT98, HR97, IK94, IZ95, IWM97, IHMO, JW94, JBL02, JSM94, Jia99, KR97, KF95a, KME92, Kap93, KSA95, KAR92, KK98b, Kau94, KZ96, KKN13, KSB+90, KR98, KB01, KKS98, KE93, KS93, Kri92, KRS13, KW02, KG94, KGV94, KM92, KA97, KC99b, LSCA93, Lan09, LWCC15, LP96a, Las12, LMCF90, LWY97, LTH97, LJKS02, LS97, LC90b, LAS+97, LZ99, Li01, LWOQ02, LLY08, LSS+11a, LST+13, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LK11, LFA96, LKB+15, MB96a, MHF93, Mal95, MM93, MS99a, MLC+90, MR94a, MPZ09, MT96, MB96b, MP93, MSGS+13, MS90, MD98, MZC18, MHC95, MB92, Msd+95, MMAL+06, Mer96, Mil93, Mir91].

Parallel [MB93, MG98, Moh96, MSAZ10a, MNK12, MS96, MS99b, NSS97, NST91, Nas94, NFG97, NMS93, NS97, Ngo06, NT90, NKC+97, NH93, Nic94, N94, Nik04, NZA13, NS-P90, NDZ99, NS92, NPY+97, O05, OY00, OBO98, OY13, OP98, ORR93, OR97, OT91, PB20, PH91, PD05, PP96, PPD17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, Pla08, PAH+98, PAJC97, PBB+17, PR94, PSE+01, QZ94, QH96, QOvdG01, REK10a, Raj91, RS99, Ram92, RL02, RS92b, Rec99, RW01, RCS00, RPS93, RSL12, SW90, RZ90, RJA97, RPN90, Ros98, RSM93, SH90, SS96, San98, SM96, San92, SAOKMA02, SH97, SG93, Sch90, SM99b, SW96, Sch91, Sd97, SAF05, SR97a, SR97b, SAC+98, She06, SS92, ShHC00, STN92, Shu95, SG99, Sh90, SM00].

Parallel [SRK95, SSR94, SB03, SC95, SK96, SN96, SL97, SHRM97, SLK93, STS91, SBB90, SIR92, SK93, SM93, Ste95, SSK96, SWC+91, SF90, SYG92, SS97, SY95, TH11, TAT97, TW87, Ten90, TAA+01, TR96, THBF97, TV092, T00, TK98, TF01, UAPM07, Upa13, VSM96, VR20, VGAB90, WB94, WCE97, WLY01, WM92, WNA+94, WPKK94, WB96, WTC08a, WMW09, WRW13, WSA+94, WD94, We01, Wei98, WGM01, Wei02, WA02, WAS95, WS95, WS97a, WOr93, Wri91, WT92, WH97, WHT00, WHT02, X9, YX9+13, ZY96, YWAT13, YB95, YIY97, YB01, YP96, Zak01, Zep91, ZY94, ZK94, ZAB97, ZW97, Znu92, ZH99, ZM94a, ZO97, ZY02, ZA91, dCPD91, ACY98, AKDMN15, Ada17, AS9a, ALS91, ABGV11, AFG+19, AP91c, ATH91, Ara90, AMM+18, AE88, ANP07, AG86].

Parallel [ADDB18, ATE10, AB13, AJG18, ACFK07, Bad04, BC05, BCM87, BB87, BBCL04, BKC+15, BB08, BA06, BCFF05, BAH04, BNBR16, BFH09,
parallel [HZZ+19, HOE+09, HSH10, HdlR13, HS86, HA91, Hsu04, HN19, HSS17, HMCG20, mH14, JT88, JSS092, JMS86, JLU5, JLD12, J12, JP09, J05, JVF06, JZF+15, KKR14, KES07, KR10a, KR10b, KHT+14, KV88, Kep03, KKK03, KKS+12, KCR14, KN18a, KN18b, KM03, Koc91, KSSG14, KBC+10, KK86, KS91, KMP06, KP05, KIH15, LLM20, LBMG15, LTB02, Las13, LPK+10, LG0V19, Li06a, Li06b, LTO7, LY12, LMB+17, LJZ+19, Li19a, LTKS09, LC92, LH04, LS05, LH09, LU14, LZZ+11, L1G14, L1GL13, LF03, Lu885, LFEP19, ME04, MS20, Mar20, Mar88, MV88, McD89, MCT06, MTL+18b, Men18, MPS7, MTK+11, MAR05, NVK+11, ND17, NDSZ18, NW88, Nic07, NZY+11, NCTT09, OS04, OTK12, PB90, PPC04, PMAL11, PPTV+10, PA15, P901, PPSV15, PF91, PVMP06, PHS04, Pop91, PGK10, PF04, PRG88, Q105]. parallel [Raj08, RSR04, RGD03, Rao16, RA+17, ROB+18, RG87, RSK19, ROs99, RSWK1, RBC91, RS17, JS36, SS03, SPBR91, SV08, SI89, SC91a, SS06, S1ST09, Sch14, SPH13, SC04, SIZ05, SF05, SK91, SCMH13, SA08, SWLP19, Sk16, Sok21, SMH+14, Sta04, SDG08, SB12B+10, SR91, SR16, Su18, SHC14, SRT+18, SSGZ13, TM06, Tal19, Tan18, TW89, Ter16, TRSS06, TS91, Trä09, TLW18, UGC+11, UFF19, VD04, VS16, VA07, Vis87, WL90, WLL16, WC91, WJ07, WBTM09, WLC15, WHDR91, WJDO1, W291, WIB12, WF89, WLWW09, WGCZ09, XL11, XS11, XYZW14, YJ91, YÖ11, YZLT09, YD18, YBM13, Zha11, ZZG21, ZZZ+20, ZRT20, ZL189, ZJ06, ZFW06, ZBW+17, ZHG+19, dVCP06, dGP06, CPO+03, Cza13, FTK14, KR11, Ree84, YÖ11]. Parallel-depth [BP89]. parallel-processing [Trä09]. Parallel/Distributed [K96, ZZG21]. Parallelisation [HSSM07, Kal04, AD12]. Parallelism [Bec96, BAN93, Bog17, CGN+13, DRST02, FM85, FKKC97, FY97, GSG+93, HKT+91, KCR00, MR94b, MK92, SSG93, SW91, SH92b, SV00, SG96, XMMD17, GV86, HS03, Irw88, LLC20, MM15, Ozt11, PVG06, RS08, RDCQ17, SC09, TBG+17, VBF13, WYTX13, ZL1W12, DGS88]. Parallelization [BPST96, BF01, DHR96, HO94, KR97, Kub17, NM95, NC97, Pov99, SANY94, UZSS96, WCKD06, YFW21, AAD05, AMG06, CVJ90, CW21b, IBP08, KEK+20, LMY+11, MPN17, Nes10, QGPZ19, SGE91, WCEA10, ZT20]. parallelizations [CCLS94]. Parallelized [DR98, MJ01, SPV+03, WZY+19, ZMZX17]. Parallelizing
PdBCube [CAB94]. PDC [AYB+15, Kum17]. PDE [CHR94, GV86]. PDES [PW96]. PEACE [BNSP99]. peak [YJKD10]. PEC [LP95, RS96b]. Pedagogy [GAC+17]. Peer [HBF12, LCCL10, NMN+14, SJG19, TMK+17, ALH+09, ABCM07, AS18, BCK+09, BAL05, BB11, CTC11, CGKY12, FJG06, FKJG08, FVCL05, HK04, LKS14, LC07, LLW12, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12]. Peer-to-Peer [LCCL10, SJG19, TMK+17, HBF12, NMN+14, ALH+09, ABCM07, AS18, BCK+09, BAL05, CTC11, FJG06, FKJG08, FVCL05, HK04, LKS14, LC07, MSZ05, OSL05, SAL10, WXZ05, WGC09, WDDK09, YF09, ZCMY12]. Penalties [SDS99]. penalty [CK13]. people [HRM17]. per-core [LSC+15]. per-object [LC11]. per-user [LC11]. Perceptron [ZAW94]. Perceptual [CWP98]. Percolation [MSH90]. Perfect [BAES92, AB05]. Perfectly [Lin93a, ZLKK19]. perform [EL91]. Performance [AP91a, Abr96, ABDS02, AP93, ACD+93, ATM01, AYIE98, AH94, Ano92a, Ano97k, AMSA19, AA95, BJ99, BBH+97, BPJG92, BCV94, BS96a, BAMM05, BV21, BL96, BCD00, BP01, BLG01, BNSP99, CTD99, yCM98, CY99, CYWL21, CGKY12, CB02, CNFMA20, CP99, DS95a, Dahl99, DPSD08, DY99, DS02, DWYB10, DW04, DB18, DF94, ER97, FR92, FRM15, Fer92, FGKT97, FP93, GCB+00, GE85, GT02, GM94a, GGD93, GLGLBG12, GDN+98, GM90, GRR93, GBA08, GK93, GK04, HMBW07, HTB19, HCS+00, HCAA93, HSB91, HP07b, HN91, HLL+95, yHY97, HTL99, IOG20, IC05, JSCB95, JV06, JB93, JLRA97, Jobh91, KME92, KMKD97, CK95, KS95, KMS07, KRS13, KRS14, KB96b, KG04, KEA95, JKJ4, KRS01, KLL7, KMB91, LLM+20, LC97, LLS93, LYL93, LP96b, LGRV19, LPU97, LPX05a, LN+12]. Performance [LT+93, LYW+16, LHVW95, LDC297, Lm94, MF94, MT95, MSAF04, MM06, MRC96, MB92, MSAZ11, MS96, MBG+17, NSK17, NB98, NCA93, NSA11, Nee17, NKC+97, OD95b, PARB14, PH00, PS93, PD92, PEC95, PTC+93, PAJC97, PBB+17, PS01, RPS93, RSK19, RW93, RG08, SMH94, SSG93, SPBR91, SV08, SK93, SG93, SB02, SL+98, SK96, TMB+21, TLY12, THBF97, TTX12, TPJ+19, TH02, TdAR18, Tze91, VSM96, VHH08, WAS95, WF89, WLID02, XMMD17, XQ07, XZS96, YB90, Yan93, YSZ96, YJ96, YAS98, YSN00, YB95, YMG01, YAK15, ZNQ93, AM13, AA10, AFH+19, AS19a, AR17, AB03b, AP91c, AD12, BL05, BW89, BCD+15, Bat05, BCF05, BDGR13, BKS91, BH86, BJS03, BDDL09, CK06, CF88, CBP02, CG17, CCE+17, CVK+18b, CBM+08, CKWT17, CCEB03, CMR20, CkLCK04, CkLCK05, CC96, CSW+17, Cuz11]. performance [Cuz13, DK08, DR19, DJH11, DXS+19, DLI+21, DKK18, DF12, DYL+12, ETS14, EMCE20, ECL12, FHL+15, FGP05, FJSW90, FCP+15, FD86, GJ12, GRV08, GMSS+11, GST09, GYY+14, HW03, HES10, HMS20, HBSSA19, HNSA07, HHS12, HRG+11, HCZ04, HrD13, HA91, HeF05, HC91, ICQO+12, JST12, JBY+05, KVNW17, KyLPC17, KWZ19, KCR14, KZ11, KC17, KKS08, LWC+18, LWC05, LL90, LC13, LWR+03, Li06b, LSX+14, LJZ+19, LB12, LZ+11, LGL13, LB18, LCB16, LB07, LGK+12, LWWQ18, MC17, Mar20, MSGS+13, MZC18, MRS+14, MV05, MG09,
MBO11, MLK12, MBH^+08, MRJ^+19, MGRRK14, NSTN91, Nap90, ND12, NTC03, No12, NRM^+09, OSL05, PCMM^+17, Par05, PRHB06, PB19, PHW^+13, PVRS17, PGKV18, RH05, RPS19, RM90, RCX^+21, RTCCG91, SPRG^+12, SSSF11, SAOKZ05a, SAOKZ05b, SCB08, SD91, SFML21, SC04].

performance [STMZ18, SAB^+92, SPBR20, SA11, SE15, SBB21, SR16, TTH12, TB90, TMM06, TLC20, TD07, UMM^+18, WTB^+08, WS06, WH08, WG11, WLZ^+18, XWL^+20, YAA10, YZW^+15, YYZW19, ZYW^+15, ZKZF18, ZKL21, ZW13, ZWQ^+16, ZLCZ18, dAT17].


Periodic [Abr96, BNP98, BBM^+02, RDS02, WCF94, FXW03]. Peripheral [MBK^+92]. periphery [ABLP17]. perishable [GAOHG17]. permission [YQZ^+20]. Permutation [AKP95, CL93, DT97, GT97, IZ95, Oru87, Oru94, QM01, TBPV00, WS97a, YWP00, HRJ94, JL05, KO90].


[LYC02, MK92, WGCZ09, DF90, JS86, KR06]. Pivoting
[MYF92, ADV14, Vel89]. Pixel [Tay02]. Pixels [HPT+97]. Placement
[CB99, HJD+01, FWZ+20, FMIF18, GM14b, ISAZ10, KYZ+20, KL05, LLR+21, LE91, LBT19, LRS18, MSRB19, MSRB20, MTM10, MRPH20, PJF04, PA15, RBDO8, VA07, WCWO17, WZX+19, WLL08, WLWW09, WSLC11]. placements [AB03a, AB05, ZWS09]. placing [DDNS06]. Planar
[SL97, TZ00, CP04a, CZ90, DCA+15, PD05]. Plane [OS98, RR95b, CRJ10a]. plane-based [CRJ10a]. Planning
[HS94b, Ale19a, AMS˚A19, AK06, AM11, BSH15, CHX+17, FL86, LHW+19, MKM16, NGS21]. plans [CBV08]. Platforms
[Kur21, Ale19b, AM07, BR08, BLMB13, CGL+14, CNFMA20, CS17, CB11, Cza13, FLL14, LTG14, PLSM18]. Platform-independent
[AK06]. Pointers
[ALS01, REZN17, BSG90, Can18, CNLGRL18, CZ90, Dav17, Gro85, LMG+21, MP08, PK07, SHRM19, SSGZ13]. Point-to-point
[SGdSS13, AFH+19, ETS14, HMS20, PHW+13, LGRV19, PL03]. Portable
[BK95, BHS+94, LWP02, RHH96, VAF19, LFGM17, MRS+14, MLK12]. Porting
[KME09]. Portlets
[AW95]. positive [KK86]. possess [LZ01]. possibly [MCS14]. Potato
[NS95]. Potential [MK92, ARD14]. Power
[CG17, DR18, Ebe94, EB09, KCR14, MAHKZ12, TV96, WQL14, ARI17, AG12, BAPRS91, CJYC19, CZPP16, CHCG18, CNFMA20, DZC17, HMV07, HZL18, HLL+19, JHF+17, KK11, LM16, LB12, MGRRK14, OJP+18, RPS19, Ren11, SZL10, TJCJB10, TVT+17, WTB+08, YBX+13, YA11, YZW+15, YJKD10, ZLKK19, ZJW+21, ZV12, ZCF+17, dR09]. Power-Aware
[DR18, EB09, KCR14, WQL14, CHCG18, OMT+17, SZL10].
power-constrained [JHF+17, WTB+08]. power-gating [CZPP16].
Power-performance [CG17]. powered [TAM+19]. pp
[Ano92a, Ano92c, Ano93e, BS96c]. PPM [LW16b]. PRA* [EHMN95].
Practical [Ger98, HCWS94, HR92b, HR92a, KK95, PMV20, SGS99, YZS96,
FSP18, KSV+20a, LXW+11, McD89, Suk18]. practice [Mar20, PTA08].
Practicle [Ano97k]. PRAM [AS91, DL98, HSS94a, PRW94, Pra93, ZK94].
PRAMS [MR94c, FI04, GM94b]. Pre
[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, XLL11, ZV09b]. Precise
[KSJC17, AYB+15]. precision [BGBC+16, IKK20]. precisions [ATD20].
Precluding [Yen01]. Preconditioned [BSGM90, CP10b]. preconditioner
[GLW14]. preconditoner [AR20, SZW05]. preconditioning [CASD18].
Predicate [TG04, Yen01, AMK+07]. Predicates
[CK97, GCKM97, RS92b, Ksh12, SKK14]. Predictability [SB12].
Predictable [CKK00, SB12, YYYWZ19]. Predicting [FFK97, GLL21, LUN99,
SGS93, SZZ07, SFT04, WZC+20, Wei02, BCD+15, KBC19]. Prediction
[ASKM06, Ano97k, AYB+15, CTD99, CYWL21, DBW+18, KL01b, PH00,
WDS+18, WWA+18, YZS96, Y96, ARVZ14, CDB04, CXX+18, CUX+18,
DZC17, DCK14, HFA20, DBLZ20, KVA18, KGP+21, LGZ+10, LC14a,
LMK12, LWQ18, MVP17, PMO11, SMM08a, SMK05a, Udd19, WYY+18,
WZH+19, uRIL+18, WHW+19, ZDZ+21]. Prediction-based
[AYB+15, DBW+18]. Predictions [DD95, XZS96, LSH+13, NVK+11].
Predictive [DSW94, BYH+17, RKK06, SMNB16, SFML21, ZQL+21].
predictor [GGR89]. predictor-corrector [GGR89]. preemptable
[LQM+12]. Preemption [MS98, LAPB20, SJ12]. Preemption-Safe
[MS98]. Preemptive [GAPK03, JTZZ11, Mar88]. Preface
[Ano01-33, LBHW20, Ola01]. preferences [WMY+17, WTY+18]. Prefetch
[SD00, Zha11]. Prefetching [BL96, KS97a, LY98, LY01, MG91, SMNH94,
SG99, SD00, HD10, HA05, LAK10, SSG18]. Prefix
[HJ01, MP93, San92, AFM03, BS03, EB13, Han89, LH04, LS05, LH09, SPH13].
prefix-based [SPH13]. Pregel [XYZW14]. Preliminaries [NB93].
Preparing [AKB+20, GS18]. preprocessing [FSZ07]. Presence
[ADS01, LT96, HZA+15, ISM07, PMH19, Pou20, RLH03, SAKM03,
WE13, WSLC11]. preservation [GSASA19]. preserved
[SWW+17, YGWJ19]. Preserving [NA02, WBS19, AKK+19, BKL+20,
CXY14, FGH+20, GLY+21, JP09, LQX+20, OMSGNSG05, SBP+19,
TKR+19, TH19, WML+18, YTZ19, ZLT+19]. prevention [BYT19, SKS21].
pricing [AKSZ19, GRDB05, ZV12]. primary [AOSM04, BB03].
priority [AOSM04]. Prime [KSV20b, YLB90]. Primitives
[FAM96, AF17, BBH+17, ZKL21]. principal [VLW18, AHG12]. principle
[GXYZ13]. Principles [KAS07, DAG+17, FK89]. Prior [KHN17, SHK19].
priorities [BSMH08, KSS+07]. prioritized [LASS15, LW98]. Priority
[BM97, BTZ98, EMSEMM20, Joh94, JNW96, KB96b, San98, TF92, FC90, HM06, MAKWZ13, MM07c, SR16, ST05]. Priority-based
[EMSEMM20, MM07c]. prism [Ros85]. Privacy
[DHJ11, GXYZ13, KNS06, LNICAL17, LXLS12, NGQM12]. probability-based [GXYZ13]. probe [ZFWF06]. Problem [AS95, AM93, ASST05, BSH15, CLRW00, CRFS94, GP00, HH01, HC97, Kan94, KBC+01, KL97, LF92, NW88, RD195, TU92, TZ00, WH07, Zia92, AY89, ANP07, BCMV15, BB85a, BS90, BFG04, BFM06, Bo90, BW18, DBC+18, DMR90c, EE05, EMC19, FZW12, FMM+08, GT04, HSSM07, Hsi04, HC11, IHM05, Joh89, KS91, LM05, LS88, LWR+03, LYLO8, LCL10, LCLZ19, LS91, LH09, LEP19, MG03, NMO06, OA10, PMV05, PBS08, PDB13, Sch13, SU87, Sta17, WLL16, WCEA10, WZ91, WMG13, ZA13]. problem-size-independent [LH09]. Problem-Solving
[KBC+01, LWR+03]. Problems
[ANO66, AON99g, ADS01, BK95, BOS+95, BEE00, BGOS95, BMCP98, CB95, DS02, DSMG96, FR96b, FR98, FT94, GL92, KLO1a, LSH96, MS94, MP96, MS99b, OR97, RS06b, SER97, SN93, Ten90, TF01, WM92, WLR90, WHT02, WH08, ATH91, AG86, BGH+03, BS03, BBj90, CMMT13, CEGS07, GRS19, KJD03, LW06a, Lin91, Los08, LG08, LV88, MP09, Men18, NST19, Nik04, Pet19, PPV15, WRW13, WME13, YS11, ZTFK16, dCDP19]. procedural [KAN05]. procedure [KUB17]. procedures [DWHIL87]. Process
[AYJ93, AK93, AGY11, CS95b, DDK13, EME13, GCO95, GLGLBC12, HPT+97, HSJPS87, HR90, IWM97, KSL85, Kri92, LWY97, L89, LS85, LT94, MSH90, MT85, NMS98, NMS93, OY13, Ros07, SH90, Sn10, SD88b, SSK96,
SWC+91, SLHS19, TAS+01, THBF97, VAF19, VB02, Wee01, WRC+02, 
WS93, Wei98, WA02, YL12, YJL16, ZM94a, ZM94b, AAA+15, ATDH13, 
AS11, BB87, BK13, BAT+19, BHS13, CC08, CLA+18, CRL04, CHLL18, 
CCN06, CM12, DFL017, DW04, EKNS17, GSWW04, GWWL94, HBS17, 
HCC+19, HK92, JMS86, JKD+15, KL08b, KG20, KN91, KKN13, 
KN18a, KN18b, Lec91, LB12, LW19, LL18, LKB+15, MDS20, MTL+18b, MS86, 
NHX+19, NLB99, NLB18, PV19, PYP+10, PI90, PGP+12, PVPM06, RCG18, Ren11, 
RAN+17, RGS7, RTCG91, SCB08, SIY14, SS18, SK99b, Sto87, SCLL10, SI13]. 
processing [SA90, TZH+06, Træ09, VETT18, WW07, Wan07, WJD91, 
WL10, XHY07, XQ04, ZMCP11, ZHH15, ZJW+21, Ano93a, PRS14]. 
processing-in-memory [NHX+19]. Processor 
[AW95, AERBL92, AAm94, BGS6, CW93, CWW+95, CKLCK04, CKLCK05, 
DY99, DDD98, GW99, Goe94, Guo94, Hwa97, JB98, KC98, KF90b, 
KBC92, LS91, MSY+95, Moh96, MMN98, MBK+92, NSS97, OS98, Par96, 
PT01, RKK97, SS93, SNC93, SS97, WCF94, YD98, YL98, Zhou92, YZO02, 
ACY908, AM20, Bat05, Bod89, CL88, CL85, DK11, Deh90, EJ90, Gro85, 
HK08, HA05, Kri91, KR87, Lee91, LC13, Li05, LY13, MM07b, 
NPV+19, OT86, PDL87, PR13, RR05, RLH03, S186, S189, SSM89, SHL+13, SKK91, 
ST85, S15, SHRM19, SBSB20, T08, TdAR18, WIR+18, Wil92, 
XP10, YBM13, LTKS90, RSXG20]. Processor-efficient [LS91]. 
Processor-embedded [CKLCK04, CKLCK05]. processor-in-memory [HA05]. 
Processor-node [TR08]. Processors [CMS92, DBKF90, GR96, 
Hag97, HQT99, HBB93, JR95, LPU97, MP96, ARI17, AjHeC90, BM17a, 
BD05, Bat05, BV21, BB85b, BR91b, CBM+98, CN14, CCK11, CHLL18, 
CKK+13, CRSB13, CMC+19, CK91, DDG+17, DPRW85, DWYB10, FSP18, 
HMC20, IC05, JI12, JH+17, JZF+15, KK88, Li19a, LV15, NS12, NZ17, 
PK9, SPC+17, SNMB16, SC91a, SP13, XTN12, ZXB14]. procurement 
[AAD02, AGF+19, GE94, MGC96, CI03, Dim04, Dja06, ISAZ07, ISAZ10, 
JD12, MSAZ11, ST85]. Production [BBD+91, HKT+91, KM91, MK92, 
Nie94, Slc91, DM90c, GF89, HS86, SM86, TDBL13, TYD+19]. productive 
[CMF+20]. productivity [VFAD17]. Products [AMS97, WLD00, CP10b]. 
Professor [Ano04r]. profiles [YWAT13]. Profiling 
[BST01, KC17, uRILT+18]. Profit 
[LWZZ12, MSB20, AM06, KSS16, LLC19, ZV12]. Profit-aware 
[MSR20]. Profit-driven [LWZZ12]. Program 
[BD92, BE95, DB94, DD95, ERL90, Fer92, FJ93, GSG+93, LSCA93, 
LCMF90, LAS+07, MDD97, Mi93, NMB93, PP96, PS01, RRR+08, SH92b, 
The02, WF93, YB01, ZY94, GJG88, Kan05, RM90, ESA03]. programmability [KWZ19]. programmable 
[AC99, EAB+19, HHA14, MM07b, PYP+10]. Programming 
[AT94, AM93, AB84, BK95, BJ99, BCD95, Bal90, BN94, BB93, CP97, 
COV13, CCRS92, CCC92, CEF+95, CBD900, CJ99b, DRR13, FC95, Fre96, 
FBDC99, GP94, GWW96, GAG+92, GLC01, HRO0, JW94, JRR99, NT90,
PA94, PM96, RAS96, SSOB02, Sin95, SC95, VBF13, VFAD17, ZZC92, AS20, AE88, AB13, AJG18, BAMM05, BYG+18, Bog17, Boz09, BHS13, BLZ+18, CK88, CCC+04, CTS17, CCE+17, CMR19, CMFV+20, DMSB20, DRT07, Eij18, EE05, EC99, FGF17, FFGEL21, GL89, HdR13, HSS17, IEWK17, JB20, KKVI05, KSG13, KZ11, MS20, MSS88, Pet19, PLBG21, RK18, RSR04, RR05, RSW91, SBL20, SEM20, SSDLB+10, TFMS15, YQTV12.

**programming-based** [KKVI05].

Programs [AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL+95, CMS92, DR98, dADB96, ERA95, Fah96, Gu92, GHSJ96, HLJ01, Kar92, KY96, LP97, Lun94, Lun99, Mah95, MI92, QZ94, QH96, RJA97, RW93, SKR93, SG93, SSHC00, SK93, TR96, TG97, YI96, ZN01, ZH99, AY90, CC16, CAK13, DeG88, DMG18, FKLBO8, GOO16, HK08, HS03, LPK+10, LC91a, LC92, LZZ+11, McD89, NCT07, Nic07, Pop91, SCMH13, THSS87, UFF19, YDTZ18, ZXB14].

**Progressive** [RGS00, YIY97].

Project [BSH15, FCO90].

Projection [AAP01, HSJP87, FGL+11, NCA+12].

**Projection-Based** [HSJP87].

**projections** [KM03].

PROLOG [SS97].

**promoting** [ABCM07].

prone [DDG+17, DGFR21, GK15, MFVP08, OWK14].

Pronto [PF08].

**proof-of-delivery** [ZLT+19].

**Proof-of-Space** [TZDC21].

**proofs** [AP16].

**propagated** [SHK19].

**Propagation** [CDP95, DF94, AAFV04, BEN12, CKN07, CDB04, KMMZ06, PLR07].

**Propagations** [WD92].

**proper** [NGQM12].

**Properties** [BR95a, CW01, DC94, GK93, KAM94, YN92, NS90, PL06, WMY+17, YDTZ18].

**properties-aware** [WMY+17].

**property** [PB09, RBS21].

**proportionality** [KR12, KCR14].

Proposal [HPT+97, ESGQ+14, NKK16, VO89].

proposals [RFPAG08].

**Protected** [LS19].

**Protecting** [SY04, LZSL06].

**protection** [DHS06, JZWX20, KSV+20a, Lop13, Lop18, PCC20, YGZ+10].

**protein** [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS+18, YL12].

**Protocol** [BMMS01, BHK17, CCL99, GR97, GS96, GS01b, HP00, KUFM02, KB96a, LL98, Seb95, The02, AMT+20, AMT13, ARD14, ALF03, BDM18, BOY10, CL03a, CCHC09, CS08, CW20, CL09, CHC05, CCC+19, EBE08, Eri88, EDH+17, GCS06, GZY14b, HLS12, HZDP12, JZWX20, KBS+21, LS06, Lun90, LM90, MCD+06, MAGL13, MPG17a, NPGV10, SML06, SMPMLVS11, SATJ+20, TLY12, WCCH18, XLL+21, YGWJ19, ZP106, ZWS09, ZLCJ12, ZWS+20, SJS11].

**Protocols** [AS00, DS95a, Dah99, Dol97, DSS95, GZ95, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJ18, CXY14, CB06, CDAN14, FW05, GS03b, JY+05, KLP10, LPX05a, Los08, MAM05, MMLC+17, MS15, OSLO5, RFS+12, Seb91, VA03, WTC08a, WTC08b, WCYR08, YTH+19, mYA91].

**proton** [KDO+13].

**Prototype** [CSSY94, KYL05].

**Prototyping** [DN94, WH97, PRG88].

**Provable** [KMP+06, LZY+18].

**Provably** [DP99, LWK+19].

**proving** [ZH12].

**provision** [CAAC17].

**provisioning** [AMU+19, JAB12, KM17, Kim17, LWD+20, MZZC12, MCZ14, NF16, ZZS+21b].

**proxies** [TC04].

**Proximity** [OSZ98, CJD10, SX08].

**proxy**
QuickDedup [SSG+20], Quicksort [BX93, AAZMS20, CV91]. quiescent [MRRT07], Quorum [NM02]. Quorum-Based [NM02]. quorums [BJPPM+08].


Real-Time

Real-world

Reallocation

RealTimeTalk

Rear

Rear-end

Rearrangement

Recall

Recipients

Reciprocal

Reciprocity

Reclaiming

Reclamation

Reco

Recommendation

Recommender

Reconfigurability

Reconfigurable

Reconfiguration

Reconfiguring

Reconstruction

Recconstructions

Record

Records

Recoverable

Recovery

Rectangle

Rectangular

Rectilinear

Rectangular

Red

Red-black
[SWC91]. redirect [ACCP12]. Redistribution

[PT97, RSB96, BBB+96, GP95, KNHH18]. RedSync [FFYH19]. Reduce

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. Reduced

[AP94, CC87, Gro85, HJ90b, LC13]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[BCM87, BD04, FFYH19, FGP05, GS00, IIH16, PB90, SS93, ASA18, CK13, CX05, RWB+13]. Reducible

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

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[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable

[DH94]. Reducing

[ACCP12]. RedSync

[FFYH19]. Reducing

[KLS90, SDS99, CRD12, LMGLGL17, LMR05, Lm90, MP08, PY09c]. reduced-instruction-set

[Gro85]. Reduced

[SYYU07]. refillable
REST [HZY+21]. Restart [LACJ18, NC13]. restarts [GK15]. restoration [UAPM07].

Restricted [Fra92, MSSE02, BS03, BBM08, DeG88, JZF+15, TGFPRA20]. Restrictions [Li92]. result [Lon04]. resultants [Eme13]. Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].

Rethink [WW18a]. Retraction [PCX+14]. Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17, SFT+21]. REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DMI+19, DK04]. revealing [AF17].

Retract [Lon04]. result [Lon04]. resultants [Eme13]. Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].

Rethink [WW18a]. Retraction [PCX+14]. Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17, SFT+21]. REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DMI+19, DK04]. revealing [AF17].

Retract [Lon04]. result [Lon04]. resultants [Eme13]. Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].

Rethink [WW18a]. Retraction [PCX+14]. Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17, SFT+21]. REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DMI+19, DK04]. revealing [AF17].

Retract [Lon04]. result [Lon04]. resultants [Eme13]. Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].

Rethink [WW18a]. Retraction [PCX+14]. Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17, SFT+21]. REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DMI+19, DK04]. revealing [AF17].

Retract [Lon04]. result [Lon04]. resultants [Eme13]. Results [IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].

Rethink [WW18a]. Retraction [PCX+14]. Retrieval [AA93, CLV95, KTP17, KV88, Lon04, SWW+17, SFT+21]. REU [Hua17].

Reuse [BC11, CCHC09, DSEP17, DMI+19, DK04]. revealing [AF17].
100

RR95a, RW97, SJ95, SJ96, SB02, SZB92, TBPV00, WLY01, Wan96, WN94, WLD00, YBOY97, PRP99, AA14, AA16, AD10, ABF+14, BSW07, BOY10, BFVB19, BR91b, BPA06, CI03, CL03a, CC14, CS06b, CS08, CHCG18, CW21a, CDCD05, CMN12, CAF+11, CL90, DMB+03, DJDK19, DJH11, DBV+18, DPSD21, EB09, GGY10, GDL+11, GAGPK03. **Routing** [GLD06, GTGLSA12, HNSA07, Hu11, HL07, HJLR12, JL05, JLWX11, KSI04, KLF10, KSK15, KMF+05, KO90, KBS+21, KT91, KNS06, LPX05a, LS03, LTI12, LAGK07, LY13, LIW+20, LZZ+20, LH05, LLDL15, MCdS+06, MMESG+21, MPS16, MBR08, MVMO4, MSAZ10a, MSAZ10b, MSEM+19, MCC20, NJ91, OS04, OSL05, OM10, PCC20, PW21, RD05, RFS+12, RB12, RGESG+21, RHL08, SW12, Sch13, SLWV05, SWLZ17, SATJ+20, SK05b, SJS11, TC04, TCHC12, TT07, VA03, WBS+08, WGS08, WW12, WCL+13, WHC+18, WWA+18, XHG03, XG03, YME06, YPD+20, YLMLP14, Zah12, ZV06, ZMC06, ZW11, ALF03]. **Routings** [WIKC97].

Row [DQH+21, Mat06]. Row/column [Mat06]. Rows [ST87]. **RPC** [BF97, VD04, WSG91]. **RRAM** [TOR+14]. **RRAM-based** [TOR+14]. **rRNA** [ZFWF06]. **RSA** [SAY20]. **Rule** [KM91, LD21, Mir91, Nie94, SWC+91, WHC+18, WWA+18, XHG03, XG03, YME06, YPD+20, YLMLP14, Zah12, ZV06, ZMC06, ZW11, ALF03]. **Rule-Based** [XH91, LD21, MCdS+06]. **Rule-Firing** [Nie94]. **Rules** [RSD94, SM92b, SWC+91]. **Run** [FBK98, FY97, LP97, LL15, LFA96, MDD97, PM92, SCMB00, GF89, LW16b, LTG14, NVK+11, SFT04, VWHL96, XL11]. **Run-Time** [FBK98, FY97, LP97, LFA96, PM92, SCMB00, LL15, GF89, XL11]. **Runge** [KR06]. **Running** [CCM+06, FGP05, GRR13, dSS11]. **Runs** [Lin93a]. **Runtime** [Bir94, BJK+96, KR97, KPC96, NS97, NSPPC02, PT97, BGA12, KNHH18, LFS16, LL05, LMY+11, PQ19, SP13, SK91, TDBL13].

S [AGWY11, ASST05, BPJG92]. **S-Net** [BPJG92]. **SABA** [ZVL15]. **sacrificing** [FKKR16]. **Safe** [FM99a, MS98, CDD+15, HV09]. **safety** [Wu03, XCS06, XCL07, ZDZ+21]. **safety-aware** [ZDZ+21]. **SAGE** [Num09]. **salesman** [WMG13]. **Sampling** [OS96a, SS92, BBB11, SM92]. **SAMR** [CP05, LTL06]. **SAN** [SM92a]. **SAN-Based** [SM92a]. **sandboxing** [SFEF06]. **SAT** [SHA17]. satellite [LD21, SQQL19, TZH+06]. **Satisfaction** [GH92]. **Satisfiability** [Soh96, Joh89]. **Saturation** [Tze91]. **SAUCE** [HSS17]. **save** [FKLB08, NMP02]. **Saving** [DKY01, SSGZ13]. **Sawchuk** [Ano93]. **SBCI** [AS19]. **Scala** [GKK+13]. **Scalability** [AFT+00, BCV94, BP01, DVW94, KS91, KG94, MR94a, PTK+13, QZ94, SSRV94, Sun02, ZH94, ZFS07, dSS11, AFH+19, CLG+16, CSW08, CP10b, GA16, KR06, LiPLC+19, NSKN17, QGZP17, RM10, Sok21, YH07]. **Scalable** [AS13, AS15, AYI97, BM17b, BMRC99, CSW03, CSSY94, CSMM10, CAB94, CLV95, CDeCD00, Con93, DA97, DD93, DKRC+15, DM04, DSW94, DFRCU99, DSD+97, DKJG19, DT92, DM94, FR96b, FPS12, GH02, HA92, JJ12, KG19, KA03, KP00, KH12, KC94, KGV94, LZ02, Li01, LWP02, NKC+97, NRM+09, NPY+97, PA94, PGP+12, Pra93, QGB+17, RBA+18, SM94, SMMG20, SBSB20, SN93, Sun02, SFC17, TFMS15, TCS+10, VLG+18,
Scalable [SLG18]. Scalar [VH93, SKH15, Sol13]. scalar/vector [Sol13]. ScalaTrace [NRM09]. Scale [ABDS02, BMCP98, FZVT02, GK93, HHM94, KL84, LK98, MYM10, OK01, RFM94, VN93, AFG19, ACCP12, BM16, BMB08, BDL19, BCC18, BMF05, CC16, CLOL17, DB11, DBCF13, DLW12, ECWV19, IEWK17, KESA07, KSSL16, KBC10, KGP21, LGZ10, LYL08, LZY11, Luc18, LWCG14, MBMC19, MRJ19, NAB11, PB19, PTZ06, RK02, SBL20, STG20, VM03, WCEA10, WYA21, WLNL06, WBR13, XHY07, YZW15, ZV09, ZVL11].

Scale-free [MYM10]. Scaleable [BMRC98]. scaled [KNHH18]. scaler [VD18]. scales [PLK18]. Scaling [CVK18a, SS07, TBPV00, YFS15, FKL08, FZ14, MBR19, Num07, VD18, YÖ11]. Scan [KB96b, PD19]. scanners [CCN06]. scatter [BM04b, LMR05, dSAJ15]. scatter-based [dSAJ15]. scattering [DB86, LPLFMC12, SLWW05]. scatternet [SLWW05]. SCC [LTG14].

Schedulability [LAPB20]. schedule [KS03]. Scheduled [LB09, HA06, LAPB20]. Scheduling [EMSEMME20, NPP10, ASSS19, HDJ08, HHA14, KS03, KAA19a, LS10, LB09, SCG10, ZLWZ18, MSK16].

Scheduler-Activated [NPP10]. Scheduling [CDR12, Dja06, DQ909, ZXY011]. Scheduler [AGF94, ALL09, ANM00, AGG98, AS97, AYIE98, AKPT99, AjHeC90, AKT19, BPJG92, BD05, BPN90, Bec96, BD11, BCLR96, BSH15, CDY97, CL91b, CLL09, CJ99a, DA97, DR95, DDD98, DP99, DSS4, DAYA02, DÖ06, DJ98, ERL90, ERA95, FAGW95, FVBL09, FR92, FR96a, FKSW97, Ga90, GR96, GY92, GG19, GM99, HO94, JSCB95, JSWB92, JR95, JZF15, KRK20, KS07b, KB96b, KA97, KA99, LPU97, LYC02, Lum94, MMRS98, Mah95, MD13, Msd95, MSSE02, MYD95, Moh97, MSST99, NSSS99, OH02, PKN08, PR12, PAM94, PS03, PM96, QM01, RU99, RAN17, SCMB90, Ser97, SH92a, dSR00, Sta04, SD88b, SY92, TZZ20a, TSC01, TTTG95, VB02, VHLM96, WCF94, WSRM97, WA02, WUG99, YI96, YWD08, AL04, ALM16, AAD10, AOSM04, ALLM11, AH12, AM12b, BK505, BGLA03].

scheduling [Ben19, BHTI14, BFG04, BFM06, BKMT14, BO05, Cal06, CG11, CG12, CW21a, CHL18, CRJ10a, CRJ10b, CGW03, CRA08, CMR10, CDR12, CJSY04, DBA18, DC03, DK08, DK11, DP16, DXS19, DUW86, DRR13, DJ03, EL15, FA07, FW05, FPF14, FCG18, GDP08, GYAB11, GVBB13, GK15, GSA21, GMRG16, GFPC14, GP05, HSH10, HDJ08, HKTG20, HV13, JLY12, JHF17, JBS14, JTC18, KYGG20, KH17, KA03, KVA18, KYS13, KKK11a, KM17, KUA07, KVHS07, KV10, Kim17, KNHH18, KK10, KSSK16, KD08, KBC10, KMP06, KA05, LDZ14, LDZ17, LHK03, LWCG14, MBMC19, MRJ19, NAB11, PB19, PTZ06, PK21, RW02, SBL20, SFT13, STG20, VM03, WCEA10, WYA21, WLNL06, WBR13, XHY07, YZW15, ZV09a, ZVL11].
LWZZ12, LC90a, Li05, Li06a, Li06b, LL07, LQM+12, LW16a, Li16, LNAL17, LBT19, Li19a, LCC20, LML+10, LSC+15, LYW+16, LPX05b, Lo92, LFEP19, MGS12, MLDG12, MSV19, Mar88, MCAS12, MMK+11, MAHKZ12, MS86, MAR05, NSAS10, NHO+13, ND12, OA10, OPR18, OS20, ORR03].

scheduling
[PY09a, PK05a, PW17, PDB13, QJ05, QSL+08, QGL+09, RBA+18, SSFP11, SPC+17, SJB12, SM014, SV08, SNSK20, SP13, SLG06, SCJ+08, SWP90, SS18, STK11, SZL10, SR16, SCH14, TLLL10, TLQ10, TDBL13, TZZ+20b, TG03, TXLL14, TDCM21, TDP15, Ts07, UM17, UFF19, VD04, VMMB10, VB08, VS16, WWH+21, WJD91, WAE03, WL05, WL10, WBR13, gWW18, XQ07, XLL15, XHT13, YW15, ZV06, ZVL15, ZTFK16, ZY12, ZV9b, ZS13, ZQL+21, ZQMM11, ZHL12, ZLMC14, dOCS14, FZW12].

schema [TMK+17], Schemes [Arb89, BGT90a]. Scheme [BDF01, FY96, JB93, KK98a, KR92, LO96, MYD95, OS96a, WA94, YD98, AOSM05, AK18, BBS13, CWLD05, CXQ+18, CFL+19, DBW+18, DQH+21, EL88, ESGQ+11, FLZ+20, GKB+20, GJPA10, GMX07, HC09, HOVC09, KVHS07, KKH18, Koll9, KSV+20a, KRL87, LTB02, LHF91, LAK10, LHX+16, LMJC11, LW+20, LWK+19, LSWY20, LSZZ15, LLDL15, NC09, RS08, SNC12, SZ09, SKM04, TDC05, TC13, TDCM21, TCH12, WL04, WW12, WXMZ19, WZ+19, WHY+21, WW04, XYDL06, XTKG21, XHT13, YGZ+10, YJL16, YQZ+20, YAA10, YC12, ZCY12, ZNX+21, ZSCX18, ZWWX16, ZBR11].

Schemes [yCM98, FM99b, GG01, LL95, LS01, SKK97, WRC+02, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDMC11, HSMB91, JWSG14, MM06, RGKG+21, SSSH17, TW89]. Schmidt [ZLRP91]. science [AP18, BKK+11, LCW+21]. Scientific [CCRS92, DUSH94, FMW+94, GTO2, HS94b, KBC+01, AOS+05, AE88, BCD+15, CXY14, EFG+14, JZS+20, NV19, NTC03, PB19, RMGM19, VM03, WHW+17, YLYC11, ZKZF18].

SCO [WTS03]. SCP [VB08]. SCP-based [VB08]. screening [AT03].

Scripting [WXZ+18, ZMY+11]. Scripting [BDE+05]. Scrubbing [JHZ20].

SCSI [HZY04], SCSI-to-IP [HZY04]. SSCP [ZP106]. sculpture [LM+17].

SD [AJH+19], SD-WAN [AJH+19]. SDEF [EC99]. SDFGs [BMB13].

SDN [AK18, HTB19, HYZ+21]. SDN-based [AK18]. SDN-enabled [HYZ+21, HTB19]. SDSM [CCM+06], SDWAN [AJH+19]. sea [ZW17].

Seamless [HR00, ORWT+18]. SEAPP [HZY+21]. Search
[BOSW94, BS00, BMCP98, BSH15, CDRC99, Cza13, DM95, DM92, EHM95, Fen90, LYC02, SIR92, AFG+19, AMM+18, BNP02, BP89, Can18, CTT16, CCLS94, CSW+17, ESI2, GHY10, GJXZ05, HN19, KA05, LSS+11a, LSS+11b, MSM09, MB13, PRHB06, Par89, PSC+16, PPSV15, PVGG06, RM10, RM11, ROB+18, RHL08, SP08, Sch13, SHL09, SJG19, Taml18, WGC09, WWA+18, YF09, YCZ+19, YQZ+20, Zep91, ZCS+18, ZHO17, CB11, DPSD21].

searchable [WCCH18]. searches [Gow21]. Searching
[NBP98, NSM98, SH97, SGAC14, BA06, KIH15, LTTW12, Sch89a].

secondary [BLZ+18]. secret [LWH+19, YTH+19]. Section
[HAC+19, Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, EAB+19].
NVE$^{+}$21, PRN$^{+}$19, ZHT16, ZBR11, AKY20, AMP20, AKS$^{+}$20, BK18, CCG21, DW$^{+}$21, FLZ$^{+}$20, GTGLSAI2, HZY$^{+}$21, Jar20, JZZ$^{+}$17, KTP17, LAK10, LZWZ19, LWK$^{+}$19, NYZ$^{+}$20, PCC20, REK10a, REK10b, SXX14, Sie16, WXMZ20, WCCH18, YPD$^{+}$20, YQZ$^{+}$20, ZSCX18].

secured [KTM$^{+}$21]. Securing [LLF$^{+}$20, LSWY20, SL06]. Security [FCJG$^{+}$18, LBHW20, NL19, SXZ06, WHH$^{+}$21, BAK$^{+}$03, DZC17, DKJG19, GLF20, GSASA19, HCY$^{+}$21, KTM$^{+}$21, LLW$^{+}$20, LZSL06, LCM$^{+}$06, NZY$^{+}$11, OM10, RH20, SFEF06, SALP20, TODQ18, TKG$^{+}$17, VA03, WLC$^{+}$19, XQ07, XCC$^{+}$19, ZVL15, ZAAB17, ZZJ$^{+}$18]. Security-aware [NL19, WHH$^{+}$21, ZVL15].

security-sensitive [ZZJ$^{+}$18].

sediment [CvdBL$^{+}$08]. SeeMore [LMB$^{+}$17]. Segment [MYYY17]. Segmentation [KC99b, MG98, KYS13, MGG03, RK18]. Segments [TVT96].

Segments [RR95b, GC07, Lop18, SWLZ17]. Seidel [HO94]. seismic [KSSL16].

Selected [Ben15, BC¸19]. Selecting [NGQM12, SSG93, KERUM04].

Selection [JK00, LK96, PT01, Rajj96, RW97, RCY97, Raj01, SH97, SB02, VJR20, VS99, WSA$^{+}$94, WRC$^{+}$02, Bad04, CKML12, DMI$^{+}$19, EDO05, GM14b, JXZ$^{+}$19, KHN17, LZY$^{+}$18, LCJ$^{+}$18, LGK$^{+}$12, MHLZ16, RH05, RAB08, RD05, RTZ11, SS88, SEM20, WLST16, CTC11]. selection-based [EDO05]. selections [JW89]. Selective [EL20, LHCC19, SSGG18, XYG07].

selectivity [CTT16, GO016]. selectivity-driven [CTT16]. Self [Ano02u, AS96, ABZ95, BJDL02, Bec96, BBCD02, BAGS95, BBPR11, CDD$^{+}$15, CW05, CT04, DB08, Doj97, DPBNT12, FZ14, GH02, GS03b, HPT07, HPT02, HNM02, JM14, KY02, LLLC15, Lla17, MM07a, NM02, PK05c, SZB92, SEP96, SDLM20, ASKTZ13, BFG$^{+}$03, BBS13, BBD18, BT20, BR91b, BFKP04, BZH06, CDDL10, CAK13, CRA$^{+}$08, DLV11, DJ16, GK16, GK10, IZ12, KO11, KO90, LBGM15, LHX$^{+}$16, LSH$^{+}$13, dAMFds13, MYM10, MC91, NJ91, NPVG$^{+}$19, PPTV$^{+}$10, SLWW05, TWQS12, Tur12, WRW13, ZBW$^{+}$17].

self-adapting [WRW13]. self-adaptive [LHX$^{+}$16, PPTV$^{+}$10].


self-reconfiguration [LBGM15, NPVG$^{+}$19, ZBW$^{+}$17]. Self-reproducible [PK05c]. Self-Routing [SZB92, BR91b, KO90, NJ91, SLWW05].


Self-Stabilization [GH02, HPT02]. Self-Stabilizing [Ano02u, AS96, BGJDL02, BBCD02, Doj97, HNM02, KY02, NM02, BBPR11, CDD$^{+}$15, CW05, DB08, DPBNT12, GS03b, JM14, MM07a, SDLM20, BFG$^{+}$03, BBS13, BBD18, BT20, CDDL10, CAK13, DLV11, DJ16, GK10, Tur12].

Self-tuning [HPT07]. selfish [WGS08]. Semantic [FKJG08, RHL08, SBPP20, SLG$^{+}$18, ACCN20, CM93, EHL$^{+}$15, KLJ$^{+}$11, LR05, LKB$^{+}$15, MLZY17, MYYY17, MA11, NSAS10, ZH07]. semantic-based [ACCN20]. Semantic-centric [SBPP20]. Semantics
Service-aggregate [Yan09]. service-based [YHWY18a, YHWY18b]. Service-oriented [CTT08, SFEF06, WWY18]. Services [ZR00, ASHO20, AFG19, AAD20, AK06, AM07, HBSASA19, KSSK16, LCC18, LWZZ12, LMXJ18, LZN19, MCP18, NGS21, SCW18, Suk18, XJS03, YWD08, YAK15]. session [LAK10, MZZC12]. sessions [FSP18, TK07]. Set [Als01, BCD95, DM92, HCR12, KSSK16, LCC05, LWZZ12, LMXJ18, LZN19, MCP18, NGS21, SCW18, Suk18, XJS03, YWD08, YAK15]. Set-Based [BCD95]. set-distributions [Nic07]. Sets [AAP01, CGL95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14, Lon04, MP08, PK07, SW18, SHC14, YWD12, dOCS14]. setting [Li19b, WLK19]. SGD [CLZ20]. shader [PYP10]. SHadoop [GYY14]. ShadowObjects [JRR99]. shallow [CvdBL08, dIAMCFN12]. shape [KSJC17, NCA12]. share [KNHH18, PVGG06]. share-nothing [PVGG06]. Shared [AGW98, AGW01, AD95, BS96a, BJS03, CP91, DS95a, DH95, GDN98, HV95, HS00, HPT02, HTL99, HA92, JF95, JHF17, KRD00, KS97a, KSSK16, KY96, LK98, LA93, LT94, Lu01, MF94, MS98, MG91, MSST99, PY96, RL96, RJ96, SDS99, SC91b, TJ92, TTG95, TY95, Wu92, YW91, YMR93, YL98, Zak01, AL04, AAC10, BC06, BBE21, CCA18, Car95, CCM06, CDN14, DMI19, DI91, EKNS17, FZC05, IRSS17, JSA21, KKR14, KMS10, MSV19, NSTN91, OC07, Pad91, PY09b, PK05b, RFPAG08, SB15, SAJ13, SS17, SM04, TZDC21, TGPUC16, TK07, WL92, ZLWL12]. shared-coin [AAC10]. Shared-Memory [BS96a, CP91, DS95a, HA92, KS97a, HK98, MF94, MG91, SDS99, TTG95, YW91, YL98, Zak01, BC06, DI91, FZC05, JSA21, KKR14, KMS10, MSV19, NSTN91, PK05b, RFPAG08]. Shared-Nothing [LT94]. Shared-Noting [HTL99]. Sharing [CS93a, DY99, HS97, HF96, AS19b, CTC11, Ch00, FLZ20, IS06, KUA07, KKL11, KKS12, KG04, LY91, LWH19, LS10, MTS90, SU87, SSX14, TBZB05, WMZM19, WTS03, XZC13, YTH19, YAK15]. Shear [SSM89]. Shear-sort [SSM89]. shelf [PF08, ZB09]. Shield [SSX14]. shielded [CWCM18]. shift [BDL19]. Shifts [OP96]. ships [SQQL19]. shop [Bo09, DBA18, LFEP19]. Short [DLL21, ESTA94, MD20, KLC05, LHWJ19, MBS12, PARB14]. Short-
short-range [LHWJ19, PARB14]. short-term [MBS+12]. Shortest [BGR96, DCA+15, HTB98, IZ95, KC99b, PW21, TU92, TZ00, ATH91, DGNW13, GHIJ19, KS91, Lai15, Lai17, YME06]. Shortest-path [PW21, GHIJ19, KS91, YME06]. Shot [TRS+12]. shrew [CH06b].

SHRIMP [BF97]. shrink [REZN17]. Shuffle [BAES92, JH92b, Pad93, PA97, JT88, RWF+21, Var91]. Shuffle-Based [Pad93, PA97]. Shuffled [KM17]. Shuffles [Ano93c, CS93b, CS92]. shuffling [BBB11]. siamese [JJJ21]. side [CK88, HA05, XCH08, ZVL11, WHW+17]. Sided [ZB97]. SideIO [WHW+17]. SIEVE [SG93]. SIFT [LJZ+19]. sign [PH16, RK18]. Signal-processing [RTCG91]. signature [KSV+20a, MLTT20, WML+18]. signature-based [WML+18]. Silence [DKY01, FJ93]. Silent [DJ16, BCC+18]. Silicon [SDS+18, THN+93, HRG+11]. SIMD [AS20, AB93, BAES92, Che05, CP94, CD95, FAGW95, GGW96, GSWW04, HCS+00, HCZ04, Ho91, IK93, IKS87, JMS86, KNS91, KLS90, LWOG02, ML89, NT93, Nas94, RS96a, RS90b, Ren11, SI91, Ume85, WSA+94, WLR90, ZL93]. SIMD/SPMD [Ren11, WSA+94]. similarities [CL14]. similarity [ASKTZ13, AFG+19, BHK17, GKI9, KSSG14, UGG+11, XCC+19]. Simple [Ara13, BW96, GBS96, GB93, G99, KW02, LW06a, PL94, SE15, TZ00, Koc91, MRR07, MC03, Nes10, YAA10, BJ99]. Simplex [Shu95, ASC+18]. Simplified [AS19b]. Simplifying [LCW+21, RH20]. Simulated [Bev02, BH86, HB97, HC91, RSS96, Sz96, XH91, AH06, BG89, dADC18, GE85, Ume85]. Simulating [DS02, DN94, LC90b, NFHL13, eW95, AK94, NX94, LE19, RBOF+18, WCKD06]. Simulation [ABDS02, Ano92c, Ano02v, AS91, AB93, BAG95, Bout2, Che96, CZPP16, DMSh90, DS93, EH01a, GGN93, JH92a, KZ96, LZ02, Lin93b, Lin93c, LA93, LCC02, MH93, MRR+02, MRJ+19, NH93, Pra93, RSD94, RS92d, SMR96, SH92b, SSV94, S93, STS19, The02, ZL93, AZW13, AJH+20, AZC13, BBI+17, BM04a, BD04, BAL05, BMF05, CGL+14, CvdBL+08, CTX08, DAD+17, FGM+03, FTM+19, FCN+14, FSL+21, GRR+05, HDT+05, Koc91, LV90, Mat06, NSKN17, NPE+19, PARB14, PDL14, PQ19, PTK+13, PK21, Q505, RW02, Rao16, TLC20, WBTM09, WF89, ZZ90, ZCK+02]. Simulation-Based [RSD94, SSV94]. Simulations [AS93, Ger98, GM94b, HP95, KPL00, LHM95, NM95, PAAH+98, RPS93, AM12a, CCAAS9, CMR20, DB11, FC14, FII04, LTL06, LHWJ91, SDG08, SM04, VBD13]. Simulative [HW03]. simulator [CZPP16, DOCS14]. Simultaneous [CW93, ABC+09a, BPRG04, Che90, FC90, LY10, LMG+21, MR09, PTZ06, SLG06, WIR+18].

OH02, PW96, RW01, AY89, ANP07, Bat05, DP16, GA18, GS91b, HC11, KKR14, LLY08, LWW19, LLC20, LFGM17, WZ91, YS11, ZAAB17.

Solutions [Ano99g, BCMV15, CLRW00, RS96b, AG86, BAH04, KGTK20, L208, OT19, TKG+17]. solve [DGFR21]. Solver [BMM97, CSY94, FKB17, ADV14, AR20, BMM05, CVK+18, PA10b, CK91, Dav17, GV86, Gao86, HSM20, KKB+06, LPLFM+12, MP87, PP13, PPTV+10, PP+19].

Solvers [CHR94, CP94, MS99a, TF01, FHL+15, KR06, PG20, SHA17]. Solving [BCZ95, Bo˙z09, BMCP98, BSH15, Car90, CRFS94, GL92, IK94, KKB+06, LPLFMC+12, MP87, PP13, PPTV+10, Pet19].

Some [BDKM94, DNMV01, IPK85, KAM94, Oru94, Par98, RTZ11, SL86, S03, ZHO03, AG86, BS03, BDjQ86, MS15, ZHW19]. SoMR [CS08]. Song [Ano97k]. Sophia [GTGLSA12]. sophomore [GAC+17]. Sort [LJKS02, Tay02, BM14, SSM89]. Sort-Last [Tay02]. Sorted [SH97]. Sorters [BNP98]. Sorting [ABZ95, CQ95, DL98, FKK+04, FY96, HQPT99, HBJ98, JX95, Lee94, Lin93a, MP93, OS96a, RW97, SCC92, SS92, SM00, VN93, WRC+02, Che89, FCS91, KR11, MS88, PB90, SSM89, Sei05, SA08, SBSB20, TW15, Ul84, ZFL89]. Sorts [ZAW94, SI86]. SOS [PP92]. Sound [DKY01, CKK+13]. Source [AY09, TZ00, BJL18, LPX05a, LCCL10, LQX+20, MH18, NCB+17, ZSW14]. source-to-source [MH18]. sources [AK18, Lou04]. SP [ASH+01]. SP1 [BR95b]. Space [BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, LZ02, NC97, PPSV15, RF98, SDS+18, SH98, TZDC21, VGMG20, WA02, WS97a, AD12, Ara13, ACFK07, BMB08, BW18, CKK+13, Dja04, HV09, KA05, LLLY13, MNS09, NV19, OS20, ST12, SZZB16, SDLM20, ZJW+21, MSS00, YQTV12]. Space-Based [LZ02]. Space-Efficiency [GG01]. Space-efficient [PPSV15, Ara13]. space-optimal [Dja04]. space-optimality [HV09]. Space-Time [WA02]. Spaces [RS92a, LdPLC+19]. Spanners [RL95]. Spanning [FA95, KC98, KC99b, WB01, BFG+03, BC05, BC06, BPR11, BBD18, BBL04, CFJW13, CFL+19, GH10, HAC17, KG10, LVP08, Lin03, MKW18, DSMGNSG05, RDA18, Ten16, TDM05, WPJZ12, WIB12]. spare [ZJW+21]. Spark [YWF21, ZKZF18, CYWL21, TZZ+20]. Sparse [AS21, Bas97, BW95a, KK98b, Man94, MSC96, NFEG97, PR13, Shu95, UZZ96, Win85, ASA18, AA20, ADDA05, ANP07, ASES15, BC06, BGO19, CP10b, CASD18, GMMP12, LH14, LV15, MLV+19, MBW16, PB15, SLV19, She06, TCL20]. Spartan [AS21]. Spatial [GSG+93, NPY+97, CCHC09, CRWX12, JF12, MLG05, NAK04, TR16, TYD+19, WCF14, WZC+20]. Spatial-Temporal [GSG+93, CRWX12]. Spatially [DS02, RAO16, SB12a]. spatially-explicit [RAO16]. SPEAR [RG06]. Special [AP93, AL99, AB03b, AS13, Ano95i, Ano95j, Ano00]. Ano10, Ano99i, Ano00e, Ano02v, Ano20w, BCR19, BOP06, BD00, BS09, BS11, Chi92, CDJL09, CDJL11, CGFH19, DOP98, Dek00, DF12,
DDE19, DB18, DT92, ES97, FTM+14, FR98, FPS11, FPS12, GC95, GMS+11, GS01a, Gra09, HAC+19, 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, STS19, Sto90, SFC17, TH11, TFV+15, TFV19, BG90b, TY95, Wee01, XMMD17, JX103, YW91, ZO97, dVC06, Cuz11, Gra10a, KL08a, KL11, MS20, MKN14, PRS14, WW03.

Specialized [QVvdG01]. Speciating [GB06]. Specific [KRS13, KRS14, PP92, SK93, MRS+14, RMGM19, SS94b]. Specification [AS00, BR95a, BN94, RSW90, BFL+13]. Specifications [LSCA93, BCM06]. specify [LS19]. Spectral [SANY94, SS98, AT03, CVK+18a, CH06b, GSASA19, HMC92].

special-screening [AT03]. spectrum [FCZ+12, GDC18, SATJ+20]. Speculation [AC16, FKKR16, LRV20]. Speculative [RG06, MG09, PQ19].

Speed [BBH+97, Fer95, PD21, CDD+19, Li16, Li19b, PVG09, SR91, WCY108, HP97a]. Speed-area [PD21]. Speeding [CCAAS19]. speeds [LFS16].


Spline-based [BNBR16]. split [WCWH03]. split-stars [WCWH03].


squared [RIZ90]. Squares [CB95, ZY002, BBd90, HLS03, KAP90, LTW+90, PG20, SMKL93].


Stabilization-Preserving [NA02]. Stabilizer [AD02]. Stabilizing [Ano02u, AS96, BGJDL02, BBCD02, DGDF10, Dol97, GH96, HNM02, KY02, Kar02, NM02, AFNT17, ADD17, BFG+03, BBS13, BBPR11, BB18, BT20, BD16, CDDL10, CDD+15, CW05, CAK13, DLV11, DB08, DJ16, DPBNT12, GK10, GSO3b, JM14, Kar19, MM07a, PV07, SDLM20, Tur12]. stable [AMK+07, SKK14, SLW10]. Stack [PVGG06, CS06b, HSY10]. stackable [SSX14]. stacked [TLL+18]. Stackelberg [JTC+18]. stacks [ACH18].

Stage [FT94, SZ00b, CC14, HDJ08, HFA20, KGPT21]. staged [AS19a]. staging [EDO05, JZ+20]. staging-based [JZ+20]. 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]. Star [FA95, KAM94, Lat95, LK94, MJ94, OS97, OS93, PRW94, RW97, RWY93, RLS96, SAOKMA02, dBL95, AAD03, CM03, DFP06a, FMM+08, PK04b, SS05, WCC02, SRT+18]. State-of-the-art [PSC+16, WCO+09]. State [FKB17, HB97, HNM02, KM92, LSH+13, NC97, PSC+16, ASKO16, ASB18, AD12, CWLD05, GÖÖ16, GFPC14, KA05, LMR05, LW06b, MSM09, OS20, PQ19, WCO+09, WHW+19]. State-based [LSH+13]. State-Space [NC97, MSM09, OS20]. State-of-the-art [PSC+16, WCO+09]. State [FKB17, HB97, HNM02, KM92, LSH+13, NC97, PSC+16, WCO+09, WHW+19]. State-based [LSH+13]. State-Space [NC97, MSM09, OS20]. Statement [AMB95, DR95, ALS91]. Statements [KHS96, SOG94]. States [Kop97, TG97, FZ90]. Static [AKSM08, BPN90, BSH+01, BSMH08, CC91, ERA95, GF89, KKK+11b, LC90a, LK94, LA04, MSd95, OD95b, SSM+06, YMLP14, BSS+13, DK08, KA08, KMS+06, McD89, PC11, SSM08, SWP90, SSM+07, ZXY011]. Statically [LB90, Mat06]. station [GPT06a, RBD08]. Stations [DKMV01, DDNS06]. statistical [CDPS18]. Statistically [SLZ+19]. statistics [GA90]. statuses [MB19]. steady [LMR05]. steady-state [LMR05]. Stealing [Ano00d, GKTW21, LS97, Ros99, DKKV15, FPdLS+21]. Stein [QOvdG01]. Steiner [LY10, Sta17]. Step [CW00, Bog17, KKR14, Yan04]. steroids [Bar05]. sticker [GPX08]. Sticky [Kop97]. STICS [HBY04]. Stigmergic [PR06]. STLA [NKV14]. STM [HHS12, PGPR17]. Stochastic [CTD99, EMCE20, FX06, HPT+97, JSS92, QZ94, RS92d, SSM+16, SSM08, ZS13, BM11, CRHC19, CMT92, MM06, MS86, MOB11, PXY+20, WW18b, WMG13]. Stochastic-based [SSM+16]. stop [BCC+18, LLI12]. Stopping [BS99, AMT13]. Storage [CLV95, HLL+95, LL95, BL05, BCK+09, CPZ+20, CGG+09, FLCB10, HZY04, HK04, HZHS18, HGX+19, JWH+17, KBK+19, KR12, LJQ+19, LBC18, MB19, MAPF11, MPG17a, MRPH20, SSS14, SÖAOA20, SWW+17, SFHS19, WCC017, WW17b, XCL07, XSYG18, YLYC11, YLYZ+20, ZV09a, ZYW+15, ZFT+18, ZLZ+19, ZGG+14, ZWX16, ZCD+21]. Store [CP09, NS95, VA07]. Store-and-Forward [NS95]. Stores [SLHS19, JXZ+19, LRV20, ZWQ+16]. Storm [KKH17]. straight [GG07, Wri91]. **Strategic** [RA11]. Strategies [AM07, BD]Q86, BHK+94, BCR96, CP92, CGA98, DL01, FF98, GJG88, GM99, LK94, LHM95, Lun94, MS99a, OP98, SMH94, VB02, VA03, YBY95, YL98, Zhu92, ZM94b, BMARM07, BHS13, CGM14, DM94, GRV08, GM14b, HV13, MV05, ODXX21, PP06, RAB08, ROB+18, SSGZ13, Wu11, dCDP19]. Strategy [CS00, GMM00, HHC98, KBC+01, MD13, PAM94, RS92b, ASD09, ASE15, BBM08, CTT16, DL+12, EM11, GOH+13, GRDB05, GMVRGS16, GLD06, Hs04, JF12, KVA18, KS18, LLM+20, LXY91, LL07, LVP07, LMG+21, NGO06, PLSM18, SK09, SRT+18, TLLV10, TZZ+20a, TW15, WCC02, WYW15, WSX+19, ZV06, ZVL11, ZV14, ZVL15, ZSS+21b, ZLCZ18]. Stream [HPT+97, WQZ+13, AMC20, AAK+13, ARM+05, AM11, CK08, DFLO17,
EI07, GöÖ16, KG20, KKH17, MTL+18b, RCG18, RAN+17, SS18, ZHH15].
stream-based [ARM+05]. Streaming [PS14, BOKS19, CGKY12, GRR13, GCH+17, HK05, JSA21, JHL+18, LCCL10, WCXL11, XYL06]. Streams [MM93, WUG99, AGWY11, BMLLC+19, LVP07, LY08, ST14, VLG+18].
StreamTMC [WQZ+13]. Stretch [GG01, SRØ12b]. string [AM92]. strings [SC08]. StreamTMC [WQZ+13]. Stretching [GG01, SBC¸12b]. stream-based [ARM+05]. Streaming [PS14, BOKS19, CGKY12, GRR13, GCH+17, HK05, JSA21, JHL+18, LCCL10, WCXL11, XYL06]. Streams [MM93, WUG99, AGWY11, BMLLC+19, LVP07, LY08, ST14, VLG+18].
Superconcurrent [NRS95]. supercube [SSB91]. SuperNode [AT94]. superposition [dSAJ15]. Superscalar [LPU97, LC13]. Superstabilizing [KUFM02]. Supertoroidal [DF95]. supervision [BPA06]. supplier [SK11]. Superscalar [LPU97, LC13]. Superstabilizing [KUFM02]. Supertoroidal [DF95]. Supervision [BPA06]. Supplier [SK11]. Support [AL99, AH94, CP99, FBK98, KR97, KC99a, LTH97, LFH+03, MBL+92, NS97, PL95, RPS93, TF92, YFS+15, BAL05, CCQ+06, CCC+04, CCK+08, DRR13, GB11, HPB+10, Hus17, JBY+05, Kim11, LAPB20, NSDZ18, PD21, PB19, PQ19, RR05, RS19, SDS10, SK91, SAB+92, SRI14, TYH09, TGPUC16, ZBR11, ZWRI07, LST+13]. supported [NPS+19, YPCW16]. Supporting [HA06, Sto87, WLNL06, BSW07, LSZZ15, LHCC19, SKMM04, ZTGL17]. supportive [FCJG+18]. suppression [DZC17]. Surface [CWW+95, CY96, VBDRC13]. surrogate [UAPM07]. surveillance [NML+19, PLSM18, SMP17]. Survey [BCH95a, GHKS98, CP1+19, CGC16, DM20, DAB+14, FEH+14, FMIF18, GM14b, GK10, HLBM16, HBC15, JHL+18, KWZ19, LCC20, ODXX21, SCN12, SRI14, SHA17, TH19, TKG+17, Upa13, WKL+19, ZAB18]. Survivable [HWWH08]. susceptibility [DFST13]. suspect [XYG07]. sustainability [AK18]. sustainable [LS10]. sustained [RMHR17]. SVD [CL88, RS08, ZB97]. SW [RBG17]. Swap [KW20, FPP+08]. Swapped [Par05, ZXP09]. Swarm [DED+20, LdPLC+19, ZGJ+18, dCPD19]. Sweep [GGN93, DMCFCM03, GM14a, KMP+06, CMR10]. Switch [ASH+01, CRD12, OK01, PD92, CCAACS21, CL90, LHKL03, WLWW09]. Switch-based [CRD12, LHKL03, WLWW09]. Switchable [SB84]. Switched [CCR94, CS93c, GGN93, LK96, WB01, EB09, KYL05, LWC14, Nap90, PYF08]. Switches [KJS+04, PL93, TF92, MG09, PY09a, PY09b, VAS+13]. Switching [DRSB01, GB93, Guo94, LYL93, OY00, ST02, BKCM17, BMIM07, CC14, KG10, LCLL10, LWLD12, PL06, ST06, STKW12, ZPK+14]. Sybil [YXX13]. Symbol [OWK14]. Symbol-level [OWK14]. Symbolic [YI96, CJY04, WD18]. Symmetric [BJ99, DHB02, DZD201, GGY19, HOE+09, HJ01, Kau94, Oru87, ABGV11, ADV14, BC05, BW08, BB5b, EM89, KA03, VGAB08]. Symmetrical [IM94, QY94]. Symmetry [Ke90, HT90, MJ03]. Symposium [YO13, Wec01, Ros07, Sni13]. SYN [XCH08]. Synapse [Ram92]. Synchronization [ABSB97, AGW98, ABP92, AH94, BA96, Cha95, CTC+10, FR92, GYA+08, JLRA97, MRRV98, OKB95, PB95, RL96, RSS99, The02, WUG99, XNN92, CRA+08, FZC+05, FFYH19, HMBW07, HA06, HLS12, HZDP12, LA06, PPN+20, PMV20, PB09, TG04, Tnu16]. Synchronized [LNA12, JS86, XLL15]. Synchronizing [DKMV01, KEK+20]. Synchronous [BCV05, CS95c, GV94, NSL99, OY00, SKR93, Sch91, Soh96, ARP18, ABBD14, DGDF10, FXW03, KVN17, MCS14, MEMEM17, PK05a, TGB+17, WTC08a, WTC08b]. synchronously [SP90]. synchrony [CB15]. Synthesis [HLJ01, Lis90, PP92, BYG+18, CKK+13, HDT+05, JJJ21, 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, Bev02, BMM97, BJK+96, CP92, CP99, DHR96, DSD+97, DH95, DT92, EMESEM20, FKB17, FP93, GH90, HBCM99, HCS+90, HLL+95, HWLR14, Kav93, KMB91, LP96b, Lu01, MVL00, MKY+97, MBL+92, MS96, NKC+97, NaPPC02, SEP96, SLHS19, SG96, Tse95, UR94, wXH00, ZMPE00, ZLH00, dR09, ABC+88, ASSS19, AMK+07, BL05, BCK+99, BMM05, BPP05, BJK+96, CP92, Car95, CLMR15, CSW08, CLZ20, CDA20, CCEB03, CDJ89, CK91, DS04a, DI91, DSW94, DAYA02, DG94, EMP+96, FGKT97, FTC00, GCKM97, GM99, GRR93, GK93, GMM00, HKT91, HNM02, HLLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JF95, JSM94, JRR99, KS97a, KBC01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMR98, MAS+99, MT95, MMVR97, MM93, MRR+02, MC93, Min91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, Pp92, QT94, QGB+17, Ra01, RDS02, RA96, SM94, Sgr91, Ser97, SL95, SRGB90, SRRV94, Sm02, SFC17, THN+93, TH02, TY95, WIL92, WF93]. System-Level [Kav93]. Systematic [IAS+92, KK95, LB89, WAS88, LFJ+20, ZTGL17]. Systemic [LZN19].

Systems [ASH+01, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02u, ADS98, Bala00, BBM+02, BBH94, BPR99, BW95b, Bon02, BN02, BSB+01, BS96b, BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Che93, CBoCD00, DDO+18, DSST95, DA97, DS96, DSW94, DAYA02, DG94, EMP+96, FGKT97, FTC00, GCKM97, GM99, GRR93, GK93, GMM00, HKT+91, HNM02, HLLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JRR99, KS97a, KBC01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMR98, MAS+99, MT95, MMVR97, MM93, MRR+02, MC93, Min91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, Pp92, QT94, QGB+17, Ra01, RDS02, RA96, SM94, Sgr91, Ser97, SL95, SRGB90, SRRV94, Sm02, SFC17, THN+93, TH02, TY95, WIL92, WF93].

Systems [WF96, WUG99, XH91, YH97, ZR00, Zia92, ZM94b, van96, AL04, ALM+16, AA16, AAK+13, AOSM04, AOSM05, AD12, AFM09, AF06, ACCP12, AA15, ABBD14, AH06, MBM+08, BBCQ13, BB03, BDGR13, BBE+21, BOKS19, BW09, BRP03, BSJ03, BK08, BS92, BMT14, BD04, BPW05, CWLD05, CNGRL18, CPZ+20, CRK+99, CF88, Car90, CCS06, CKWT17, CTC11, CV90, CRJ10b, CASD18, CGW+03, CJA+19, CI86, CP17, CAF+11, COF+17, CSW+17, CCC+19, DZC17, DK08, DFP06a, DB11, DR19, DDNT10, DGFGK05, DGDF10, DGFR21, DGM20, DM04, DWYB10, DM90c, DQR+09, D06, DLBL+12, DW04, DH11b, FJC04, FWM+10, FPS11, FLGB10, FX10, GMMP12, GZG+17, GL89, GNT04,
GMVRGS16, Gos90, GS91b, GWWL94, GC05, GRR13, GBMZ07, GF89, HRC09, Ha05, HC09, HOE+09, HBC15, HCZ04, HS86, HA06. \textbf{systems} [HP06, HA91, HLL+19, HA05, HHK15, IRRS16, IS06, JSWB92, JMS86, JK1E13, JST12, JLM08, JL11, JZZ+17, JWH+17, Kak15, KKR14, KHW13, KVA18, KME89, KVNV17, KUA07, KyLPC17, KSG13, KAS07, KLL+21, KL05, KMS10, KSV20b, Kub17, KMS+06, Lai86, LLLC15, LWC+18, LFS16, LTB02, LTL06, LGZ+10, Lan09, LZ11, LLL06, Lee90, LHF91, LHK03, LJ05, LA10, LZCY09, LA+13, LSO7, LC05, LC90a, Li06b, LVP07, LQM+12, LNAL17, LCCZ19, LAS+19, LW89, LPLFMC+12, Lop13, Lop18, LS19, LCM+06, Luc18, LS07, LM09, LXZ13, LLW12, LHCC19, MGS12, MCD+21, MLM1G12, MDS20, MB13, MCS+19, MP10, MMK+11, MAHKZ12, MFWZ13, MS86, MT90, MFVP08, MLK12, MS+16, MBH+08, MGRRK14, MRT18, NL19, NLB+18, NMP20, NFHL13, NVE+21, ND12, NZY+11, OS04, OPR18, PMV05, PMV06, PLG18, PB19, PTN+19, PC11, PSB+19, PH16].

\textbf{Systems-on-Chip} [ORWT+18]. \textbf{Systolic} [AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86, MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CLS8, Dja06, EL91, KT89, KB89, LB89, Ls90, MP88, PYP+10, PS88, Sch90b, ST87, ST89, THSS87, Une85, WAS88, Zim90].

\textbf{Systems-on-Chip} [ORWT+18]. \textbf{Tall-Skinny} [BDG+15, RCX+21]. \textbf{Tally} [YDZ+18]. \textbf{Tabling} [SZ00b]. \textbf{Taming} [CRJ10a]. \textbf{Tackling} [CRK+09, VRGS17]. \textbf{Tacit} [GHH92]. \textbf{Tambourine} [GHH92]. \textbf{Tabu} [BSH15, Cza13, CB11]. \textbf{TACD} [HHG+19].

\textbf{Tall} [CRJ10a, PTK+13]. \textbf{T-L} [CRJ10a]. \textbf{Table} [HZL18, LACJ18]. \textbf{Tables} [TT10, ASD09, HKW05]. \textbf{Tableau} [BSH15, Cza13, CB11]. \textbf{TACD} [HHG+19].

\textbf{Tackling} [SMT15]. \textbf{Tag} [CRK+09, VRGS17]. \textbf{Tagging} [HHG+19].


\textbf{Target} [ERL90, CJD10, KO11, NDP13, WW07, YCC05]. \textbf{target-driven} [YCC05]. \textbf{targeted} [BKK+11]. \textbf{targets} [BFKP04, CRWX12]. \textbf{Task} [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FZWL12, FKKC97, FHY79, HBCM99, HKT+91, JTZZ11, KSB+20, KLZ97, KA97, KA99, LL98, MSSE02, Moh97, SMO14, SdS97, SZ00b, SCJ+08, SS94a,
SV00, SBKB90, SYG92, UAKI06, UFF19, UR94, VS99, WSRM97, YCY+00, AAK+13, AJG18, BCM+21, BKS05, BD05, Bat05, CDS10, DK08, DK11, DG+17, DGMS20, DÖ06, GQZ18, JL11, JTC+18, KHW13, Kim17, KA05, LLL06, Li16, Li19b, LSC+15, LZX11, MCC04, MTL+18a, OA10, OS20, PKN10, PK05a, PA15, PLBG21, SP13, SWP90, STK11, SZB16, TDP15, VS16, WWH+21, YWYG15, ZTFK16, ZHG+19, dOCS14.

Task-based [AJG18, PLBG21]. Task-Level [HKT+91, SBKB90]. Task-Parallel [KSB+20, ZHG+19]. task-scheduling [Kim17]. tasking [Lun90]. Tasks [ABM+92, BSB+01, DJ98, ERL90, Hag97, Lat95, LWY97, MAS+99, MMVR97, NMS93, PS93, RDS02, Sin87, AS19a, AOSM05, BFMT+18, BHLT14, BH05, BSMH08, CCK11, CDJ+89, DRR13, GK15, HMR15, HKTG20, HWLR14, IKS87, KUA07, KSS+07, KMS+06, LMGLGLG17, LHK03, Li06a, Li06b, LQM+12, Li19a, LB09, LLS07, PK05a, PDB13, RR05, SSM+16, SBC+12b, SNMP12, SM+07, XLL15, YWG15, ZTFK16, ZHG+19, dOCS14].

Taxonomy [FEH+14, HM96, Sin93, HBC15]. TCP [BM11, VLL+14]. TDFL [SBKB90]. TDM [LLJ00b]. Teaching [CTS17, Eij18, LB18, PBB+17, PGKV18, Ada17, FKR+17, HSS17, Kum17]. teamwork [NKSA17]. TEASE [ZBR11]. Technical [Ano93a]. Technique [BN94, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, ASKTZ13, CPZ+20, CX05, CRD12, DeG88, EE05, HBSASA19, KK11, Nes10, Nie88, PVGG06, RBB17, WCF14].

Techniques [ADM+94, CS95b, Dah99, EL94, Gil94, GS90, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS96, ARP18, AOSM04, BBR13, CDB04, CDR09a, CDJ95, DDDK19, FM85, Gao89, GRR+05, KA08, LKK+10, LP88, MBW16, Pla08, RM11, Ra08, RSVW19, RGS+7, SFEF06, TZ07]. Technologies [BGA+21, SJVRVS19]. Technology [Ano02v, CGFH19, ER97, GC95, MKY+97, MRR+02, HRC20, OB88, PBB+17, PGKV18, TMM06]. TEES [ZWWX16]. Telegraphos [KMKD97]. Telemedicine [CY99]. Telescience [PLL+03]. Telescoping [KBC+01]. Temperature [SWHB17, AS19a, ZWWX16]. temperature-constrained [ZWWX16]. template [EFG+14, RS90a]. Templates [ADS98, DP00].

Their Kop97, BM08, CRWX12, SI86, TDM05. Themes RCY97. Theorem SHSH17. Theoretic ABJS01, KK10, MGRRK14, PC11. Theoretical HC97, LZC11, CTK11. Theory CC08, DM90a, PTA08, VBM90, ZLCJ12, BD)Q86, BM08, GRDB05, MA20, Zim90. Thermal MCC20, NHX+19, SHSH17, LFS16, OJP+18, SNMB16. Thermal-aware MCC20, NHX+19, LFS16. thermally TKKH17. theta [LL18, STMZ18]. theta-join [LL18]. thin [ST08a]. things AMU+19, Alm20, CCC+19, CDPS18, DAPR18, ECP+18, GLF20, HAC+19, HMY+18, LAS+19, LQJ+19, MS19, NLB+18, RSVW19, WSX+19, WHC+18, WCCH18, YWJ+18, ZLT+19. thinking CCE+17. Thinning KLP10. Thread [KCSS18, LW19, OTKT12, CGM14, CDAN14, DWYB10, LK13, LW20, RDCQ17, SLG06, ST05]. Thread-Data [LW19, LW20]. thread-parallelism [RDCQ17]. Threaded NS97, ASSS19, BBH+17, Kep03, LK15, PYP+10, CGSV93. threading Ngo06. Threads [GSC96, LFA96, SEP96, TG99, DKKR09, PMSn01, PL03b]. threat HMY+18. threats CWCW18, MMN+18, SEFEF06, TKG+17. Three [FCG04, FLS+97, FT94, GG01, GH96, KR98, NEg85, PD92, SSG93, SOOB02, 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 BFM+18, CGA98, NKM14, PAM94, LWXX19, Nik04, YTH+19. Threshold-Based [CGA98]. thresholding [DT21]. throttle KGP+21, XCH08. Through-Wafer MLW+97. Throughput [FM99b, HWC08, HB11, JSS92, MMV+11, BSW07, BLMB13, CLA+18, DW12, GRR13, HVW16, HWR14, HGD+19, KSBI1, LMSK18, LRM05, LH+16, LNC13, SA11]. Throughput-coverage HWC08. Throwing [Tse95]. THz [SMMG20]. THz-band [SMMG20]. tickets [LMJC11]. tier [MS19, MZZ12, MCZ14, WQL14]. Tight [BBH+98, FSZ07, Mat06, CH06a]. TIGRE [BLB+20]. tile [LCJ+18, ZLKK19]. tiled JH+17, PB20, WQZ+13. Tilera PCMM+17. Tiling AR97, CWW96, RS92a, Xue97, KSG03. Time [AAL95, AK93, Ana14, Ano92c, ADS01, BPJG92, BBM+02, BA96, BM04a, BSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Cha94, COS+95, DP98, DS01, DJ98, DD95, EL97, EMP+96, Fak96, FKB98, FY97, GS99, GMM00, HRG+11, HA92, JR95, JH92a, KS97b, KEA95, LTWY95, LTY96, LP97, LR90, LM96, LAS+97, LAPB20, LFA96, MMR98, MT95, MMV+97, MDS20, MTS93, MDD07, Mok97, MSST99, MS99b, Nas94, NIR86, NH93, NP90, OY00, OOW95, OS96b, OSZ98, PW96, PLY15, Pe90, Pel95, PS93, PM96, PM92, QMCL94, RDS02, RU99, RAS96, Ric98, SCMB90, STN92, Sum02, THBF97, TVS97, WBTM09, WA02, WS97a, WLI02, ZLPP01, Zim96, van96, AOSM04, AOSM05, ACCP12, BNP02, BVGV14, BDGR13, BG17, BPP05, BW18, BKK+11, CF19, CH06a, CCK11]. time [CRJ10a, CRJ10b, CLL09, CRR90, CCN06, DMKJ20, DLV11,
DKRC+15, DHK04, EDÖ05, FC14, FKLBO8, GZG+17, Gos90, GF89, GREC91, HOVC09, HA06, HV13, HL07, HZDP12, JZZ+17, JHL+18, KKR14, KSSL16, KKW17, KRL87, KSG03, LFS16, LR14, LHK03, Lee03, LST17, LZCY09, LLY15, Li16, LLB+18, LML+10, Lis90, LW1W9, Lo92, MHLZ16, MLDG12, MAM05, MAKWZ13, NA06, NVK+11, QJ05, RLH03, RKAA20, SI86, SS11, SA19, SRB+19, SZB16, TBZBO5, TZH+06, TPS+18, TYD+19, VWHL96, VA07, WTC08a, WTC08b, WL05, XL11, XO05, ZZJ+18, ZH15, ZQMM11, ZHLQ12, ACD+93, CBP02, CX05]. time-aware [MHLZ16]. Time-bounded [NP09]. Time-Division [QMCL94, ZLPP01]. Time-division-multiplexed [HRG+11]. time-domain [SS11]. Time-Efficient [EL97, MS99b]. Time-energy [MDS20]. time-inhomogeneous [LWW19]. Time-Optimal [BOSW94, OS96b, OSZ98, Pe90, Lis90]. Time-optimized [Ana14]. Time-parallel [WBTM09]. time-scale [ACCP12]. Time-Sensitive [LAPB20]. time-sliced [KRL87]. time-space [BW18]. Time-Step [CW08]. time-step-based [KKR14]. time-targeted [BKK+11]. Time-Varying [KEA95]. Timed [NM95]. timeliness [ISM07]. times [MLW+19, SFT04]. timestamps [MS02]. timetabling [PTN+19]. Timing [ADS01, BSS99, CB99, Kar92, CSJ+13, FVLB09, ISM07, KKK+11]. Timing-Driven [CB99]. TlnMANN [VM95]. Title [An098l, Ano99h, Ano00c, Ano01i, Ano01h, Ano02d, Ano03b, Ano04a, Ano18y, Ano18z, Ano18-27, Ano18-28, Ano20x, Ano20w]. TLA [SHL+13]. Tlib [RR05]. TM [FKKR16, FWM+10]. Toeplitz [GOH+13, ABGV11, ADV14, BBd90, HM99, Ter16, VGAB08]. Toeplitz-based [GOH+13]. Together [WLD02]. Token [AE95, BGJL02, CP90, FFK97, GH94, HP00, ZY96, CRD12, HSW04, PV07, SDLM20]. Token-Based [AE95, BGJL02, HP00]. Token-Chasing [ZSY96]. Tokens [SA93, SGAC14]. Tolerance [BS97, Piu01, PM92, mYF92, BJ15, BDDL09, CLML15, CWL+07, CDR09a, GQXX0, LCC+05, LH05, LFGM17, LP88, Pak89, PAS15, SLZ+19]. Tolerant [AE95, AM97a, AM95, BMM97, BW95b, BLC95b, CRV94, CL93, CC94, CF98, FM99b, GRR93, HGC96, HTH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, SS95, WIKC97, Wu94, YBOY97, ZY002, AM20, AA14, AA16, ANEA13, AOSM05, AH11, ABBD14, BB87, BXA08, BKM14, BPA06, BP05, CL91a, CKN07, CDR09b, CMT92, CMS04, DBCF13, DTK11a, DH91b, FLPI07, FAB+19, GNS09, JBA15, JBS14, KG10, LDZ+17, LFZ+17, LAC18, LGG08, MPG17b, MSEM+19, NCB+17, P006, PL06, PG20, SNSK20, TCHC12, WW12, WYW15, XCS06, XHZ16, mYYA91, ZV09b, ZJ06]. Tolerate [VR95]. Tolerating [DT02, GS00, MG91]. tomography [BLB+20, BDRB14, FCG04, FGG08, GRS19, KSSL16, KDO+13, PLL+03, XTN12]. Tool [BN94, DBKF90, ZNQ93, Ada17, ACD+18, DXS+19, KKVI05, PF04, TD07, uRL+18]. toolbox [BLB+20, EFG+14]. Tools [Bal90, Cas93, MLC+90, MSH90, NT90, DMS+16, FEH+14, GAC+17, MC03,
RSVW19, YT05]. Top [SSKS11, Sch89b, TAS+01, IRRS16]. Top- [SSKS11]. Top-down [Sch89b]. Topic [YZC+19, CLW+19, dAAD+19]. Topic-based [YZC+19, dAAD+19]. Topics [Ano16l, Kum17]. topography [SK05a]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Tor [CCM92, DS96, Sch95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Sch91]. Top-down [Sch89b]. Topic-based [YZC+19, CLW+19, dAAD+19]. Topics [Ano16l, Kum17]. topography-aware [SK05a]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. TOPSYS [BB93]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA+19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13]. TOPSYS [BB93]. Tor [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA+19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13]. TOPSYS [BB93]. Tor [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA+19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13]. TOPSYS [BB93]. Tor [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA+19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13]. TOPSYS [BB93]. Tor [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12]. Tornado [HK04]. toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, ACA+19, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YMG01, PD19, RGESG+21, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, ZLKK19, AP91b, AHA+16, Ati20, DB08, GL12, GL90, KD21, KBC+10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91]. topology-aware [KBC+10, MBBD13].
[DP99, JK00, BDRB14, CHCG18, CPA+11, DJDK19, HOVC09, OS04, OMSGNSG05, WHC+18, YA11]. transmissions [LSWY20]. transmitting [BR91a]. Transparent [LMY+11, LRV20, GVA+08, GRZ+18, LLY15].

Transparency [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].

TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. TRAV [LMY+11, LRV20, GVA+08, GRZ+18, LLY15]. Transparently [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].

TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. TRAV [LMY+11, LRV20, GVA+08, GRZ+18, LLY15]. Transparently [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].

TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. TRAV [LMY+11, LRV20, GVA+08, GRZ+18, LLY15]. Transparently [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].

TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. TRAV [LMY+11, LRV20, GVA+08, GRZ+18, LLY15]. Transparently [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].

TRAP [GRS97]. Traps [SD00]. travel [KSSL16]. travel-time [KSSL16]. TRAV [LMY+11, LRV20, GVA+08, GRZ+18, LLY15]. Transparently [AFT+00, KLJ+11]. Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13]. transportation [OO05]. Transpose [CT96, ZMPE00, AR20, BG16, SAOKM03]. transpose-free [AR20]. Transposing [Swa98]. transposition [EDe91]. transputer [LC92].
APK18, HPT07, KKR14, MYD+11, MML07, uRL+18. Tunnel [ZBR11]. Tunnel-based [ZBR11]. Tuple [STKW12, DRT07, LdPLC+19]. Turbulence [LLCC02, PLK+18]. TWDM [LLJ00b]. twig [LSZZ15]. Twisted [HTHH02, 019b, FL07, LF+17, WFZJ12, XHZZ16]. Two [ABJS01, BS00, BH+17, BP01. Ch94, CMR19, CCR92, CE95, DD96, DK15, G90, GT97, Hwa97, KW20, KLZ97, KL84, LHS97, LP96b, LK94, LLCC02, Naka97, RFGA08, RP95, SSM99, SSCHC00, YCY+00, AB05, Amm21, ARM+05, CF88, CG86, CB11, Deh90, FSV17, HDJ08, Hsi04, JD12, LC91b, MP10, PMV06, SNCP12, SS94b, WLL16, XTGJ21, YYWZ19, dLAMCFN12]. Two- [Hwa97]. Two-Dimensional [LP96b, YCY+00, CMR19, NAK04, AB05, Amm21, Deh90, LC91b]. two-fixed-endpoint [Hsi04]. Two-layer [XTGJ21, YYWZ19, dLAMCFN12]. Two-Level [KL84, Qia97, RP95, SSCHC00, BBH+17]. Two-list [WLL16]. Two-pass [DD96]. Two-phase [SNCP12]. Two-stage [HDJ08]. Two-Variable [CCC92]. Two-Way [LP96b, YCY+00, CMR19, NAK04, AB05, Amm21, Deh90, LC91b]. UET [AKPT99]. UCT [APK99]. UDP [ZBR05]. Unauthentic [MLMSMG12]. Unbalanced [CLZ20, UFF19]. Unbalanced-workload [CLZ20]. Unbalancing [MG93]. Unbiased [BW18]. Uncertainty [ADS01, ZC04, CNFMA20]. Uncertainty-aware [ZC04]. Unchoking [ARD14]. Uncoordinated [LDZ+14]. Undergraduate [AJG18, GAC+17, Kuna17]. Understand [BCFF05]. Understanding [BDF92, DBKF90, ECL12, NEG85, SFHS19, XS11, CD9+89, SGA21, ROE+18, WRHR91]. Underwater [LWW18, ZWW17]. Undirected [STA12]. Undo [LLCC19]. Uneven [SMT15]. Unfair [KY02]. Unicast [SKMM04]. Unidirectional [KY02, KUFO02, RMC97, ADD+20]. Unification [RM90]. Unified [AGG98, BL90, CP10a, DM95, JLB02, Amm21, ABO+17, IH16, KH99, LS+19, LNZ19, Tal19, XHB02]. Uniform [AS94, BGJDL02, DR95, GM95, KY02, SMO+18, SR88b, TT98, TC96, VN93, X97, ZM94b, BBFN14, CLL09, FSL+21, KSG13, LHWJ19, LW06b, Mar88, MM07c]. Uniformity [BBB11]. Uniformization [DHR04, NH93]. Unifying [NSDZ18, RCY97]. Union [KF95a, ST14]. Unique [WCWH03]. Unison [DPBT12]. Unit [AGW98, XLL+21, ASC+18, BHS13, JPD17, KNS91, KM88, QSL+08, SI14, SAJ13, XLL11, ZMC11]. Unit-assisted [XLL+21]. Units [AM97a, AGG98, DDGK13, YJL16, ATDH13, BK13, CLA+18, DP16, IKK20, KL08b, SC08, EM13, GLGLBG12, YL12]. Universal [BBS13, LWXX19, ACH18, CS06b]. Universality [SH89]. Universe [RFP+19]. Unversioned [Ahu90]. Unknown [MJ03]. Unlabeled
XLHT13, XWL+20, ZV06, ZV09a, ZAB20, ZS13, ZBW+17, ZHO03].

using/for [MJC18]. utilities [AM06]. Utility
[CRJ10b, LL07, QH96, ASST05, CRL04, VMMB10, VLL+14]. Utility-based
[LL07, VMMB10]. Utilization

Video-on-Demand [DSST95, HLL+95]. video-sharing [YAK15]. videos [GSA21, NML+19]. View [Buc92, BBB11, Tal19]. Views [CMT93, LMCF90, Won99, BB03]. Viewshed [CSL15]. Viola [NHO+13]. Virtual [AD95, BAP01, BF97, DRSB01, KS97a, KLLK98, KKS08, LM96, Mat93, NC13, PA97, PL95, TJ92, XLL+20, ZLZ+19, BJS03, BAL05, CL14, FMIF18, FX06, Fu10, HTB19, HLBZ20, KS03, KS18, KHHH18, MBS+20, PY09a, PK05b, PVRS17, RT18, SBBP20, SA19, TT07, WDDK09, WSX+19, YLZW18, ZG13, ZV06, ZLCZ18, ZJ06, BBCQ13, DHS06]. Virtual-Channel [PA97]. virtualization [DYL+12, FLCB10, GTN+06, MB21, NrdA+20]. virtualized [AAA+10, CP17, KLJ+11, KKLJ14, SJB12, SSVC10]. viruses [MJ03]. visibility [BSG90]. visible [RFP+19]. Vision [LR94, MBL+92, MHC95, MAR87, WHT02, Kri91, SRB+19, WJD91]. vision/image [WJD91]. Visual [BN94, GSA21, PLSM18, SRGB90, BLZ+18, PLK+18]. Visualization [BB93, Cas93, Cou93, KS93, Mil93, NT90, MBH+08, NCA93, RV13, TSD08, WGCZ09, ZB09, ZWR10]. Visualizations [LSCA93, SK93]. Visualizing [RW93, SKR93, ZNQ93, ACD+18]. Vital [BS97, HHC98]. VLIW [NS12, dSR00]. VLSI [BB85a, BBR94, CCC90, CHX+17, DQH+21, FM85, GS91b, Gue86, KM97, KLL87, MB96a, MS87, ML89, MRR+02, MT85, MT97b, NEG85, OB88, OT86, PD19, PD21, PR06, TU92, TF92, WSS93]. VLSI-suited [GS91b]. VM [JXW06, MA19, PPN+20, SSG+20]. VM-based [JXW06]. VOD [SK11, Bar05, LC07, YCH+10]. voice [WTS03]. VoIP [TCMB+19]. volatile [CDR12, HZHS18, NKV14, ZPK+14]. voltage [FABG+19, FKL08]. Volume [Ano92a, Ano92c, Ano93e, Ano96l, Ano97k, Ano00d, Ano01g, Ano01i, Ano01h, Ano02d, Ano03b, Ano04a, Ano08, Ano09, Ano10a, Ano10b, Ano11j, Ano11k, Ano12m, Ano12n, Ano14f, Ano14g, Ano15k, BS96c, CS93b, WS97a, ACFK07, LWCC15, PST+19, Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94b, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano99a, Ano99b, Ano99c, Ano100b, Ano100c]. Volumes [Ano98l, Ano99h]. volunteer [LKM12]. Voronoi [RR95b, SZ03]. Voting [LO96, AFD+11, LWH+19, ZWS09]. vs [MNR+19, Wol88]. VSI [PGKV18]. VSS [Pen11]. Vulnerability [AM20, OTKT12].

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