Title word cross-reference

(a, b) [DJM94]. (f, g) [CDD+15]. (k, 2) [EMMM94]. (κ − κ) [KT91]. 0
[dADC18, EE05, PMV05, PM96, SM89b]. 1
[Ano93e, BDKM94, BAES92, CHCG18, CS92, CS93b, DJDK19, HSSM07,
HHC98, KRKS11, KLC05, LXLS12, LME95, MD01, SS94b, TSFZ14, Tur12,
WC91, WS95, Wu02, YA11]. 2
[AA14, AA16, BDRB14, BAL05, BC94, CW00, CCCM96, GOH+13, GW99,
GRS19, Joh89, LLFJ18, NM17, OGRV+12, PYP+10, PEC95, SLV19, WC91,
Wan07, WS95, YA11, YB01, ZHW19, ZLS17, Zsa16]. 4
[KMC16, MD01]. 45
[HCZ04]. 2 [ASST05]. 3 [ASST05]. B [YL89]. C3 [HK96]. C3I [PAJC97]. d
[DFN+94, DTK11b, LSC00, VB94]. oW [MRRT07]. G [BFKW13, BNP98].
GF(2m) [SKH15]. h [GS98, KLP10]. hp [PPTV+10]. K
[ACU08, BE95, DWG03, DBCF13, HH98, SHL95, WL11, Anm16, BBV02,
CDDL10, DW06, DH91a, GP00, KK98a, PD05, PK04a, PRHB06, PK07,
RP98, RDA18, SSKS11, San99, SAOKM03, SGR03, SLP⁺98, SZ00b, SDG17, TT98, WCH⁺17, WS97b, YTH07, YD98, ZHT16. \(k(n - k)\) [Lin03]. \(K₁,₃\) [LLFJ18]. \(κ\) [XL95]. \(L\) [ZBW⁺17]. \(LTQ_n\) [XHZZ16]. \(LU\) [FHL⁺15, SLV19]. \(M\) [YLB90, ABBD14, Kar19, SJG19, WTB⁺08]. \(N\) [AY98, IHM05, NTA96, SHT⁺95, AKPT99, BVBO2, GL90, LLFJ18, NS94, PKO4a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. \(\nabla²G\) [CL85], \(nn\) [PK07]. \(n \times n\) [COS⁺95, NS94]. \(O(1)\) [Can18, GP94, Wau07]. \(O(2N)\) [BNP02]. \(O(\log(\min(m, n)))\) [XL11]. \(O(\log m)\) [JBL02]. \(O(\log m, \log N)\) [CC14]. \(O(\log\log N)\) [DP98]. \(O(\log N)\) [GS99]. \(O(n)\) [DLV11]. \(Ω\) [MRRT07]. \(P\) [BM97, PM05, YBX⁺13]. \(P^3E\) [HSJP07]. \(P_4\) [ANP07]. \(P_N\) [OGM⁺19]. \(P_{N-2}\) [OGM⁺19]. \(ϕ\) [AK07]. \(π\) [EHKSS19]. ±2⁶ [Nas94]. \(q\) [DP00, Lat98]. \(Q\) [BDG⁺15, FHL⁺15, ZLRP91]. \(r\) [CRHC19].


/\texttt{compute} [KAS07]. /\texttt{many} [KSG13].

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

1 [HV95, MF94]. 1-Knapsack [BW18]. 1-type [GA18]. 1-Writer [HV95]. 10 [LB12]. 10-Gigabit [HcF05]. 113 [KN18b]. 16S [ZFWF06]. 1D [PA04].

2 [ACYS08, AAL95, AR97, BLPV95, BSGM90, CDH84, DPSD08, FPD93, GH90, SI91, SMKL93]. 2-D [AR97, BLPV95]. \textbf{2000} [Wee01]. \textbf{2002} [Sin03].

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

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

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

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

71 [LSS+11a].

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

90 [HLJ98]. 90D [BCF+94]. 90D/HPF [BCF+94].


Abstract [CGSV93, RJKL11]. Abstraction [DDO+18, GDN+98, IRRS16, LSZJ15, HCR12]. Abstractions [KB01].

ACAS [MBR19]. accelerate [SJVRVVS19, SDG17]. Accelerated [AB13, EI07, BMS19, CRHC19, DGNW13, DCA+15, Eme13, GOH+13, KDO+13, LMSK18, SHA17, WLL16, Zsa16]. Accelerating [AVAH18, DFST13, GKI19, GAOGH17, RCG18, SKH15, SHT+08, WD13, YL12, YZG18, ZX14, ZCS+18, AM12a, VBDRC13].

access-aware [MYYY17]. AccessAuth [TODQ18]. Accelerators [DF12, MLK12, RBN11].

Access [ALLM11, ADS98, Bal90, BP02, Bi92, BR95c, CW93, CH92, DP00, FY96, HP00, OS93, San98, WMG01, ZRC99, AM13, BGLA03, BR91b, BC11, C890, DFP06a, ETS14, FA07, FC90, FLC14, HC91, KKK11a, KGN11, L909, LZ11, LWWZ12, LC11, LS19, MLZY17, MYYY17, MM07c, NSDZ18, NKK16, Pad91, SM99a, SR88b, SR90, TODQ18, WTS03, WBT13].

access-aware [MYYY17]. AccessAuth [TODQ18]. Accesses [MRRV98, SR97a, SR97b, JZ05]. accessing [CJYC19]. Accident [CCW14].

accrual [CRJ10b]. accumulations [SAF05]. Accuracy [EH01a, PKK91, CRWX12]. Accurate [DD95, KK88, BFKE13, CGL+14, GJ12, HDT+05, HZDP12, NV19]. Accurately [LC13]. ACE [PL98]. achieve [LCB16]. Achieving [EH01a, KEA95, NPY+97, XLC+18]. Acknowledgment [Gra10a, KL08a].
Advancement [Lan09, LZ11, LVR90]. Advances [DDE19, GA16, HAC+19].
advantage [CL03b]. advantages [CCLS94]. Adversarial
[GBMZ07, WLK+19]. adversary [DoCS14]. advertisement [WGC09].
advantage-based [WGC09]. advice [DP12]. Advisor [uRIL+18].
aerial [SRB+19]. AES [ABO+17]. affected [LdPLC+19]. Affecting
[DVW94]. Affine [DR95, DRR96, Dja06, DQR+09]. Affine-by-Statement
[DR95]. Affinity [TTG95, HD10]. after [DRR96]. against
[SCC+06, XCH08]. Agate [CZPP16]. Agent
[Ser97, FCC07, Rao16, SS06, YZS15, YHYW18a]. agent-based
[FCC07, Rao16, SS06, YHYW18a]. agents
[AK06, CSWD03, FP17, KERUM04, MS05, SGAC14, SM018, BJ18].
aggregate [AMT13, Yan09]. aggregated [WE13]. aggregates
[Chi95, Chi95]. Aggregation [MBMC19, BCO+12, CDR09a, CDR09b, HBSASA19, JBA15, JHS11, SSJS11, ZXCS18, Zsa16].
Aging [BM17a, LC14a]. Aging-aware [BM17a]. agreement
[AP16, GC060, HC11, LLW12, REK10a, REK10b]. Ahead
[PL93, mH14, SHL+13, TG04, TLL+18]. AHMW [BMT12]. AID
[DBKF90, CVK+18b]. aided [SV18, ZMC06]. air [FL86, YBM13]. Airshed
[SS00]. Algebra [CDH84, DVW94, KL01a, WM92, GGG13, YyyF92, ZB97, AOS+05, AT03, ALM16, AA14, ALM11, AK07, ATH91, AGMS04, Ara90, ADDB18, ARQ18, BFG+03, Bdo04, BC05, BCFF05, BSG90, BCh15, BFKW13, BBD18, BH05, BBL04, Cal06, CR91, CDDL10, CC14, CM03, CV90, CK13, CLOL17, CPLY18, CS92, Che89, Cho90, CZ90, CRC+02, COF+17, CSW+17, CDM+19, CFC+19, DFHH13, DK08, DK11, DDNS06, DLV11, DB08, DM90b, DB86, Ebn04, EE05, ED05, FZWL12, Fco03, FSZ07, GL14, GPX08, GGI91, GGR89, GT04, Gue86, GL12, GB06, GAOGH17, HJ90a, HES10, HSS10, HES11, HSY10, HRJ94, HLM+90, HVW16, HLO7, HWY+19, JXZ+19, KG19, Kal04, KR10b, KHW13, Kar19, KK06, Kim17, KM03, KA91, Koc91, KIH15, LVP08, LHWJ19, LSS88, LASS15, LMZ04, LLCH19, LO91, LTT12, LU14, LW16b]. Algorithm
[WD94, WA02, WLD02, XWC+05, YZY96, mYF92, ZB97, AOS+05, AT03, AA10, ALM+16, AA14, ALM11, AK07, ATH91, AGMS04, Ara90, ADDB18, ARQ18, BFG+03, Bdo04, BC05, BCFF05, BSG90, BCh15, BFKW13, BBD18, BH05, BBL04, Cal06, CR91, CDDL10, CC14, CM03, CV90, CK13, CLOL17, CPLY18, CS92, Che89, Cho90, CZ90, CRC+02, COF+17, CSW+17, CDM+19, CFC+19, DFHH13, DK08, DK11, DDNS06, DLV11, DB08, DM90b, DB86, Ebn04, EE05, ED05, FZWL12, Fco03, FSZ07, GL14, GPX08, GGI91, GGR89, GT04, Gue86, GL12, GB06, GAOGH17, HJ90a, HES10, HSS10, HES11, HSY10, HRJ94, HLM+90, HVW16, HLO7, HWY+19, JXZ+19, KG19, Kal04, KR10b, KHW13, Kar19, KK06, Kim17, KM03, KA91, Koc91, KIH15, LVP08, LHWJ19, LSS88, LASS15, LMZ04, LLCH19, LO91, LTT12, LU14, LW16b]. Algorithm
[LB89, LYIP19, LP88, LFEPI9, MD07, MM07a, Mar88, McD89, MMS09, MM07c, MP08, MMS90, MSEM+19, NST19, NHO+13, OS04, OT86, OGM+19, PDP17, PK05a, PB15, PHS04, PB09, QJ05, RH05, RGD03, RT18, RBG17, RBOH+18, RDA18, RKS87, SLV19, SSTP09, SCJ+08, SMP17, SA08, SKR18, SWW+17, Tua18, TLQS12, Tát16, TKH04, TYA16, TSFZ14, WLL16, WSH+03, WJV07, Wan07, WG08, WGC09, WCL+13, WWW17a, WJ12, gWW18, XHY07, XL11, XQ07, XYZW14, XSYG18, Yan04, YME06, YWJ+18, YÖ11, YSS11, YZLT09, ZZ90, ZWF06, ZQMM11, dOBG+15, CMR10, KM17, LY12]. **Algorithm-Based**

[GR93, mYyF92, BDDL09, LP88]. **Algorithm-system** [CSW08].

**algorithm/implementation** [HVW16]. **Algorithmic** [Gao89, SCB08, BBH+17, CG11, JF12, LS05]. **Algorithms**

[ANT02, AaJS01, AKP95, ABM+92, BJ96, BJ99, Bahl00, BPJ92, BLR95, BGJDL02, BAES92, BAGS95, BBM+02, Ben15, BSDE96, BOP06, BPR99, BS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CDY97, Cha94, CGO+96, CDH84, COS+95, CN93, CP91, CHR94, CWF98, CA95b, DS95b, DP98, DHB02, DP99, DM92, DMSH90, DFRCU99, DBKF90, DKMV01, EP90, ESMG96, EMMP94, EL97, FTM+14, Fer95, FR96b, FA95, FV97, FTC00, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HMM94, HQT99, HCW94, HR92a, HP97b, HTB98, HO94, IK93, IK94, Iqb92, IM00, JW94, JSS94, KRC00, KAM94, KLZ07, KG94, KA99, LHS97, LSH96, LHHB+01, LCC02, MB96a, MMRS98, MS94, MMVR97, Man97, MT96, Mat93, MHC95, MK92, MS98, MS99b, Nak95, Nas94, PAH+98, PAJC97, Pov99, Pra93, QZ94].

**Algorithms**

[QOvdG01, RS96a, RR95b, Ra01, RSS96, Ram92, RDS02, RSW90, SH90, SS96, San95, San99, Sa92, SY01, Sto90, SY92, Ten90, TVS97, TC96, TFV+15, ÜD96, VB94, VR95, WNA+94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YMR93, dBL95, AL04, ANE13, ASC+18, Ara13, ACCP12, AAC10, AF17, ARVZ14, ACFK07, BC06, BKC+15, BBBC12, Ben19, BMT12, BS87, BAS06, BOS+91, BKCM17, BFG04, BRPR06, BPP05, BM08, CM04, CP10a, CF88, CRH11, CNS03, Che86, Che05, CRSB13, CRA+08, CRD17, CB06, Cuz11, Cuz13, DS04a, DH91a, DJ16, Dja04, Djao6, DCA+15, DUK15, DJT03, DM94, FHL+15, Fen90, FBRW03, FG08, FJSW90, FM85, FVCL05, GMP12, GP07, GZY14a, GM14a, Gos90, GK10, GH89b, GW06, GS03a, GC07, GN15, Han89, HSSM07]. **algorithms**

[HWS04, ICQO+12, IC05, JMS86, JST12, JBM91, KR10a, KHT+14, KJD03, KS08, KAP90, KSSG14, KK10, KMS10, KKB+06, KS91, KMP+06, KR11, LW90, LLO06, LW06a, LNW+12, LS88, Lin91, LS91, LS03, LW07, LA04, LBV07, LGG08, LV88, LLS+16, MM04, MPZ09, MCAS12, Meg91, MCT06, MR9+14, MM07b, MS88, MPR19, MKM16, MGG03, MVV91, MSAD10a, MSAZ10b, MAR87, NTS12, Nik04, OA10, PKN10, PD05, PH18, PY09c, PL03a, PH16, PPSV15, PA04, PS14, PRG88, PS88, QGZP19, RTCG91, SMM9, SS06, SM99b, ST87, SPH13, SAF05, SZW05, SG08, SHRM19, SD88b, SVSC10, Sto87, Tal19, TY90a, TW87, TK08, TWQS12, Tur12, VAF19,
Align [BR95c]. aligning [LVBO07]. Alignment [BR01, CGO+96, DRR96, Mil99, MJ01, SS94a, BBM08, BFKW13, BR91b, BMARW07, LC91a, PTZ06, SK09, SPRG+12, SRT+18]. alignments [BW09, ST85]. All-Output-Port [ST02, ST06]. all-pairs [KS91, DCA+15]. All-Port [RMJC95, Dim04]. all-reduce [PY09c]. All-to-All [HP95, LSH97, LW02, Ede91, LR03b, PW16, ZTFK16]. Alleviating [Tze91]. alliances [CDD+15]. Allocating [BPRG04, Hag97, SEP96, SCS+08]. Allocation [AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97, KKG01, KLS90, Moh96, NSS97, OM84, PT01, SM94, Spd97, SP96, YL98, Zho92, ALH+09, AKSM08, AAA+10, ADD17, ATZ07, ACCP12, AH06, BMB+08, BG86, Bat05, BSH08, BSS+13, BPW05, CCA18, CDS10, CPLY18, DW12, DM00c, ERS90, GNT04, GRDB05, HWY+10, HLL+19, HB11, HGX+19, JL11, KR10a, KR10b, KHW13, KS18, LHF91, LC91b, Li05, LL10, LL12a, LL12b, LDP+14, MCC04, MLK+16, NVK+11, PKN10, PM05, PBS08, RLH03, SSM+16, SNCP12, SCW+18, SCMS12, SHL+13, SSM+06, SSV10, SZB16, SSM+07, TFS15, YYWZ19, ZG13, ZI08]. Allocations [BB95, CT96, SSM08]. Almost [JBP00, SS95, EB13]. almost-optimal [EB13]. Alphabetic [LP96a]. alternate [LS03]. Alternating [BC94, HWY+10]. Alternative [GW99, Pad93, Can18, CBV08, GB06, Ros85]. Alternatives [BAHP01, NBSD99]. alternator [LV06b]. ALU [KF90b]. Always [BRR01, AD10]. always-on [AD10]. ambiguities [RK18]. ambiguity [LDS16]. Amdahl [CN14, NZ17, SC10]. Among [OO85, GM94b, KS03, MT93a, NMS93, ST12, ZWY+15, ZCW19]. AMR [GWH06, RV13]. AMTE [HCM11]. Analyses [KY96]. Analysis [Abr96, Ano92a, BCV94, BF97, BN94, Bhn87, BDF01, BLG01, Buc92, CK88, CC91, CSMMML10, CAB94, DLLX97, ES96, Fra92, GM94a, GSG+93, GCM95, GC01, HLM+90, HCH7, HF96, IM94, JV09, KME92, Kop97, LW89, LDS16, LE19, MF94, MT93b, MM93, MS99a, MRR+02, MT96, MDD97, MBHBW86, NBM93, NMS98, OD95b, OS93, PD92, Piu01, PAJC97, RPS93, RKS87, SM89a, SLP+98, SWP90, SWHB17, SHC93, ST08a, VSM96, WCF14, XL92, ABC+88, AK18, BCFF05, Ben19, BBH+17, BFG04, BFL+13, BC11, BM08, BF13, CK06, CSL15, CKT11, CH06b, CWL+07, CLXX19, CWW18, CIA+19, COP+03, FC90, FCS91, FD86, FX06, GZZ+17, GBA08, GCH+17, HRC09, HSH10, HA91, HB11, IKS87, IC05, JF12, JT88, JBM91, KME89, KA08, KBK+19, KKK+11b, KG04, KLL87]. analysis [LMSK18, LdSB+18, Li06a, Li06b, LpsjS+18, LZC11, LH05, LP88, MM06, Mc89, MAKWZ13, MBO11, MEMMEMH17, NV19, NsnK17, Pak89, PL06, PHB06, PI90, Pie90, PL03b, PLK+18, RM90, Rgu08, SMW18, SPPA19, TLY12, TMM06, VLW18, WSH+03, WF89, Wu11, XLW+18, Yan09, YH07, ZFS07, ZKZF18, ZPF+14, DFL017]. Analytic [BS96b, BS96c, Har91, Ale19b, LWC+18]. Analytical
Analytics
[AS13, AS15, CJ17, Eck18, KKKG14, PS14, PAG+18, VLGV+18, YLB+15].
analyze [LZN19]. Analyzing [CDR09a, CMT92, HcF05, KG94, LMCF90, LB12, MSH90, MBH+08, PB19, RB12, RPS19, WXZ05]. Anatomy [ZBF05].
Anchored [KS03]. anchors [MKM16]. AND-parallelism [DeG88].
Announce [Ano93a, Ano96k, Ano01c, Ano01d, Ano01e, Ano01a, Ano01b, Ano02a, Ano02b, GHS96, Kail92, Ano00a]. annuli [Li14]. Anomalous [MSH90]. anomaly [AKK+19, DFP06b, IZ12, KKTZ13, MBR19, RLP14]. anomaly-based [MRR19], anonymous [AFM09, FKK+04, KS13, LWK+19, MSJ05, XLG+06]. answer [BYG+18, OYE07]. Ant [COV13, CGN+13, CLA+18, DDGK13, RL02, CCK11, Ski16]. antenna [CCHC09]. Anti [GSASA19]. Anti-spoofing [GSASA19]. Anticipative [WLID02]. Any [RCY97]. Apache [KKH17]. APHID [BS00]. API [HLS12].
Appear [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, Ano02k, Ano02i, Ano02m, Ano02n, Ano02o, Ano02p]. applicability [Can18]. Application [AS97, AYIE98, BB03, BSS97, CJKK00, CCC92, DKK18, ES96, HML07, Kop97, OGRV+12, PH00, PP92, Ser97, SM92b, SK93, WLST16, dKG+10, AHA+16, AAI+15, BM16, BCM06, BMT12, CP05, CD95, CMK17, DBC03, DRIK99, DWWB10, FGM+03, FCP+15, GP91, HSS17, KG19, KAA+19a, KME09, KUB17, LGRV19, LW16a, Li17, LAS+19, LS06, MLZ17, MCM+11, MRJ+19, OSL05, PVP18, PL06, PGS06, PS14, PVR17, SL90, SFT04, SS94b, VD04, WW18b, WJ14, YO11, dGP06]. Application-aware [HML07]. Application-based [BB03]. application-level [VD04].
application-sensitive [CP05]. Application-Specific [PP92, SK93, SS94b]. Applications [ABDS02, Ano96i, AFT+00, BOSW94, BMRC98, CCRSR92, CA95a, CDF01, DRC90, DS84, EH01a, FR98, FKB98, GCB+00, GT02, HS94b, KR97, LLS93, MHC95, MB92, MBK+92, NB93, NsPPC02, OS96a, PGRP17, PJ18, RS92c, SS0B02, SFC17, TFV+15, UZSS96, VH93, WMG01, Wei02, ALM+16, AKSM08, ARM+05, AC16, ASSS19, AGMJ06, BBCLL04, BOD+15, BAS06, BHLT14, BM04b, CCA18, CCE+04, CLW+19, CGL+14, CGM14, CC08, CSMML10, CP05, CBM+08, CP10b, CMC+19, CCM+06, CDAN14, Dim91, ED05, ESA03, FCML13, FPF14, FRM15, GQZ18, GLC14, GYAB11,
GVBB13, GTN⁺06, GST09, GJA08, GRR13, HZZ⁺19, HC09, HSL04, HA91, HL07, KJD03, KHK03, KAS07, Kol19, KBC⁺10, Kri91, LWCC15, LFGM17, MSRB19, MMAL⁺06, MA19, MLK12, NV19, NLB⁺18, NPS⁺19, NMS⁺18, NVK⁺11, NC13, OTKT12, Oza04, PCMM⁺17, PH18, PB19, PMAL11].

applications [PA15, PCLP16, PLL⁺03, PF04, RCG18, RJKL11, SV08, SM9a, SCS⁺08, SWW⁺17, SR16, SSGZ13, TP18, TPLY18, TDM05, TOR⁺14, TKX⁺13, Ull84, VB08, VM03, WSX⁺19, WBS19, WIR⁺18, XCC⁺19, YH07, ZVL11, ZZJ⁺18, ZSW14, ZXMR18, dSS11, FTM⁺14].

Applied [CB96, BDDL09, EE05, HSL04].

apply [NZ17]. Applying [PEC95, CCK11, Kol19]. Approach [AAL95, AM93, Bev02, BR02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FKT96, FKKC97, GG94, GZ97, HC97, HLJ98, KCRB99, KSB94, LS95, LW95, LLCL98, MSSE02, RJY96, RAS96, SL95, SZ00a, TC92, WSRM97, WA02, Won99, WLD02, AP91c, Ara90, AFD⁺11, AH06, AJG18, AS18, BM11, BAS06, BW09, BCK⁺13, CTS17, CvdBL⁺08, CHX⁺17, CZZ⁺17, CDPS18, DBC03, DKKV15, dADC18, DQR⁺09, FZC⁺05, FGZ03, GZ08, GDL⁺11, GWWL94, GBA08, GXYZ13, ICQO⁺12, JLM08, Job99, KYS13, KBC19, KSJC17, KZ11, KCFP18, KMS⁺06, LL19, LXW⁺11, LH04, LC07, LZN19, MHZL16, MS05, MSM09, MLCH⁺18, MBMC19, MGRK14, NTS12, NHO⁺13, OP18, Ozt11, PD19, PQ19, RK18, RMGM19, SW18, SU87, SCS⁺08, SDG17, SK11, TM06, TBZB05, TP18, TXLL14, TY17, TM10, VLW18, VB08, WML⁺18, WWY⁺18]. approach [WZQ⁺13, WLZ⁺18, XRB12, XLH18, YF09, YHWY18a, YAA10, YDZ18, YWG15, ZHI15, ZS13, ZFL99, ZTGL17]. Approaches [CHGM01, FMIF18, QM01, CB11, DBA⁺18, KERUM04, KWZ19, KBK⁺19, KA05, LE19, PR06, RPN19, Upa13, dGP06]. Approximate [JSS92, LHW14, LRS18, ST12, CLOL17, HH19, JHL⁺18, KERUM04, MM07b]. Approximating [FMM⁺08, PBS08]. Approximation [FV07, GM14a, HP97b, JST12, LLCC19, Mat93, DUK15, FZW12, G919, LP08, LW06a, MK08b, PSRS12]. Approximations [Gon98, BFM06]. AQOR [XG03]. Araneola [MK08a]. arbiter [Bhu87]. arbitrarily [ZV06].

Arbitrary [ERL90, KA97, SS95, YZY96, Ara90, BCF14, Kar19, SGE91, War89, FII04].

arbitration [ASD09, HR⁺11, KS03]. Arc [CA95b, Ros89]. architectural [CCC⁺04]. Architectural [DZD01, GSP02, HPT⁺97, KC99a, MT96, MG03, TPGUC16, WSS93, FZC⁺05, JBY⁺05, KWZ19, NXTK17].

Architecture [AGW01, AB295, BBD⁺19, BAH01, DH95, DB18, Gao93, Ger98, GBES93, GM95, HP97a, HGCC96, IWM97, KC94, LBL195, M900, MAM05, MKY⁺97, MO97, MT85, MEMEH17, NEG85, OD95b, OY00, Pad93, PGS17, PS01, STN92, SSY1397, SH98, VS99, YPCW16, ZYH94, Zim96, AC00, AA10, AA16, AC89, ABO⁺17, BJS18, BB87, BGA12, BBCQ13, CQQ⁺06, CMLR15, CTCX08, CEB03, CDJ⁺89, CS17, FSP18, FCS91, GRZ⁺18, GHS66, JXW06, KK17, KNNH18, KH12, KRL18, KH89, LLKY13, LAD⁺96, LHH111, LLY15, LZSL06, MCM⁺11,
MM07b, MYD+11, MBH+08, MP08, NPS+19, NW88, NPVG+19, NV94, P10, PCMM+17, PK05b, PYP+10, PG+12, PTK+13, SDT04, SZR+18, SR88a, SAB+92, SLKK12, SR91, TWZ16, WL92, XJS03, YFBY17, ZV09a, ZM10, ZPK+14, KS+18, VRG+17. architecture-based [CTX08].

Architectures [AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBdCD00, DUSH94, DMSH90, DS02, DT01, DR50, EP90, EL97, FTM+14, FSP12, FY97, GGB93, KS95, KM97, KG94, LB90, LC90b, LR93, LR94, MS+95, PP96, PA94, PD92, SH90, SS94a, TG99, ZMPE00, ZL93, AA14, AP03, ABC+09a, ABC+09b, AG12, BKC+15, BS87, BYG+18, C88, Che86, CC16, CKL05, CKL05, C17, CPO+03, DKRC+15, D15, FPS11, FTM+19, GSWW04, GS91a, GMS+13, GMSS+11, HCDM11, HSW04, JJ12, Joh87, Joh91, KHT+14, KF90a, LM05, LGRV19, LSS88, Lla17, LVB07, MSGS+13, MP10, Pad91, PD19, PR06, PLD87, RCTC91, SLG06, SPPA19, SS94b, SGdSS13, TKHG04, WQZ+13, WJD91, vS91, TFV+15]. Archive [FTK14, JKIE13]. Area [BCD00, CLR90, CDR12, KF95a, NIR86, Wei98, ABO+17, CHCG18, HZY04, HL07, JKVI15, KC08, KMF+05, LD+18, LMJC11]. Area-maximizing [CDR12]. Area-Time [NIR86, CLR90]. Ariadne [MM15]. Arithmetic [AK93, CL88, Dav17, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, Si90, SL90, Tay87]. Arithmetic/Logical [AK93]. ARM [AG12]. Arnold [An04]. arrangement [Lin03, NAK04, Ten16]. Array [AW95, BCF97, BL90, CT93, CWW+95, ER97, GKHS96, GE94, HQPT99, HCS+00, HCZ04, HJL01, KR96, KHS96, K98, KR87, LP06b, LTH97, Mi99, MJ01, MBK+92, MT97b, NKV14, OM90, RS96, Ste95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BPP05, CS10, DS04a, GP05, Lee91, Man13, MM07b, NAK04, PLD87, SI96, ST86, SCC+06, YTH07]. array-based [CS10]. Arrays [An04, BAGS95, BPST96, BP02, BR95c, CGO+96, Cor93, GP93, GW99, Guo94, IPK85, KL90, KEA95, KL84, KBG92, MM00, MD01, MT93b, MK93, MFS93, MFS96, RFO94, RCB93, Swa98, TBPV00, TC96, WCF04, WHT00, BBd09, Can18, CL03b, DCMFCM03, Dhe09, Dja04, Dja06, EAB+19, EL91, GMH+91, JWSG14, KT89, KT91, KLL87, LB90, Li90, OT86, RIZ90, SSM99, Sch89b, ST98, SKK91, Ume85, WAS88, WCF14, X11]. Art [KM92, PSC+16, WCO+09]. article [An96, An97k, An00d, CS93b]. artifacts [LZ08]. Artificial [MT85, NS92, Pno01, TVO92, KH98, VO89, VM95]. arts [NDW17, BNSP99]. any [BV02, DP00, Lat98, LFFJ18, PK04a, RP98, SAOKM03, SHL95, SJG19, TT98, WS97b, XL05, YTH07, YD98]. AS008S [An04]. ASAT [SEP96]. ASCEND [Nas94]. Aspect [BZLI04, MO97]. Aspect-oriented [BZLI04]. aspects [Ga99]. Aspen [UMM+18]. Aspen-based [UMM+18]. Assembling [KES07]. assembly [ABC07]. Asserting [ASST05]. Assessing [BCD+15]. assessment [CG17, FGL+11, LC14a, LY08, SJURVVS19]. Assign [CYZ06]. assigned [HMR15]. Assigning [CKC11]. Assignment [Cza13, HBCM99, HB97,
Assignments [LL98, Sin87].

Assisted

Associate [Ano16k]. Assignments [GPJA10].

Attacking

Augustine [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, Ano98i, Ano98j, Ano98k, Ano98l, Ano98m, Ano98n, Ano98o, Ano98p, Ano98q, Ano98r, Ano98s, Ano98t, Ano98u, Ano98v, Ano98w, Ano98x, Ano98y, Ano98z].

Auto-adaptation [KGN11].

Auto-clean [CXX+18].

Auto-encoders [TLL+18].

Auto-scaler [VD18].

Auto-scaling [MBR19].

Auto-tuned
[PSB+19]. auto-tuning [KKR14]. autoencoder [WMC+18]. automata
[EM11, GKS15, MS86, MBO11, PD19, RT18, TM10, ZBW+17].
automata-based [EM11, RT18]. Automated [NM95, NC97, CV16].
Automatic [ABCM07, AD12, CGO+96, CLXX19, DHR96, HZZ+19,
KBC+01, LC92, LZZ+11, MJ01, NCB+17, SEP96, AAD05, AM17, DXS+19,
GLC14, GFPC14, MLCFH+18, NVK+11]. Automatically [DR98, TG99, DSEP17].
automation [HKK+18, PD19]. automaton [Cap87, LSZZ15, Pet18].
automaton-based [LSZZ15]. automorphisms [DH91b]. automotive [RAN+17].
autonomic [AZC13, ATZ07, CP05, LS10, RDA18, XRD18].
autonomous [CKT11, CKMP17, WZZ+17, XCH08, HV13, JAB12, JHF+17, KKK11a, KK11,
KCR14, KDH08, KBC+10, LL19, LBMG15, LFS16, LR14, LDZ+14, LZ1+11,
LW16a, LNAL17, LLCZ19, LY13, LHL14, MBBD13, MHL16, MYY17,
MSRB19, MTL+18a, MLK+16, MMK+11, MBR19, MA19, MSEM+19,
NHX+19, NL19, NP09, ORWT+18, OS04, OMT+17, OJP+18, PD19, RBN11,
RCG18, SNMB16, SJB12, SA19, SKK+14, SCW+18, SP13, STK11, SK05a,
SZL10, TLL10, TODQ18, TVT+17, UM17, VMMB10, WQL14, WM+17,
WHC+18, XCLZ10, YX11, YY10, ZLKK19, ZVL15, ZXY11, ZTFK16,
ZL1+19, ZWQ+16, ZV09b, ZC04, Sie16]. awareness [HRH18, LWZZ12, LR03b, ZQX18].
Axiom [ABLP17]. Axiom-based [ABLP17]. Azriel [Ano94].

B [CWW+95, CY96, GM95, HS94a, Meg91, OC07, PPC04, WW96]. B&B
[BMT12, DBA+18]. B-Spline [CWW+95, CY96, GM95, Meg91]. B-Trees
[HS94a, WW96, PPC04]. back [HPMSM91, KMMM+06, LKD14, WMES12].
back-end [HPSM91]. back-propagation [KMMM+06]. backbone
[HWH08]. backbones [KERUM04, XHG03]. backends [IEWK17].
Backfilling [SF05, GMRG16]. Backplane [SH98]. backpropagation
[SM08b]. backtracking [AKDMN15]. backup [AOSM04, HOVC09]. bad
[SEP96, CCK88, ZW11, ZWY+15]. Balanced
[GJP96, LT94, NFE97, PB99, SA93, SBAM96, AES15, BNP02, GHY10,
LCW05, SB15, XYKA08, YMLP14]. Balancing
[Ano97]. BEE00, DHB02, DMB97, DLLX97, DSW94, Efe96, FMP98, FLS+97,
FM99b, Gil94, GM96, HILLY95, HLT99, HO94, HC97, JR92, KGV94, LK94,
Balls [BBFN12, BBFN14]. band [WIR18]. Banded [Pov99, ORR03]. Bandwidth [BM97, Cha95, KK17, PY09a, PY09c, BHK17, CCHC09, DK04, FFYH19, HJ90b, HWY10, HB11, MSK16, SSGG18, YYWZ19]. bandwidth-efficient [BHK17]. Banerjee [PKK91, Psa96]. Banerjee-Wolfe [Psa96]. bank [QGL09]. banker [MMS90]. banyan [PL06, Cop97, WN94, Yan00, YN92,YL89]. Banyan-Hypercube [YN92]. Bareiss [HM99]. bargaining [GRDB05]. Barnes [SHT95]. Barrier [Cha95, JLR97, OD95b, RSS99, XM92]. barriers [HS12]. Base [DKMV01, RBD08, DDNS06]. Based [AE95, AS00, Ano99g, BCD95, BPJG92, BGJDL02, BMM97, BN02, BR02, BA92, CGKK97, CC91, CV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKKC97, GS01a, HP00, HB97, HK01, HSJ97, KCRB99, KCDZ95, Lat95, LAZC00, LZ02, MSC96, MB93, MG98, NT96, NB93, NM02, OM84, Pad93, PN97a, PN97b, PA97, PL95, PM96, Pajs97, RL96, RSD94, RMB97, RSN96, SSSV94, WLY01, WSRM97, WSA94, Won99, WLD02, XH91, mYyF92, YB01, Zia92, eW95, APRA18, ASA18, AA10, AL04, AS09, ASKTZ13, ALLM11, AHG12, AK07, ARM05, ABC09b, AMSA19, ATZ07, AYB15, AP16, AK18, ABLP17, ABF14, AJG18, AS18, AWA18, BCM06, BJPM10, BDM18, BB03, BNBR16, BOY10, BCMV15, BCH15, BDRB14, BFK13, BYG18]. based [BK18, BAT19, BDDL09, BEN12, BM08, BYH17, BBD11, CLO3a, CWZ18, CLW19, CG12, CLMR15, CK08, CK13, CVK18b, CTX08, CP10b, CS10, CHX17, CLM17, CXQ18, Chi95, CL09, CVJ09, CHC05, CRJ10a, CGW03, CZY09, CJ17, CTT16,CAF11, CKMP17, CRD12, CDW19, DBA18, DKKV15, DE91, DB11, DR19, DBW18, DKC14, DRST02, DRT07, DWYB10, DXS19, DQR09, EDO05, ESGQ14, ESGQ18, EM11, ECP18, FLL14, FCML13, FCC07, FLCB10, FGL11, GOH13, GMPM12, GPJ10, GTGL12, GBA08, GL12, GSASA19, GA16, GNZ18, GRZ18, GMX17, GXY13, HW03, HBS17, HV09, HRK19, HC09, HRH18, HLM19, HWY10, HZL18, HMY18, HGX19, IIC16, IHH17, JXWO6, JP09, JTC18, JBY05, JM14, KKV10, KKR14, KERUM04, KJD03, KyLPC17, KAA19a, KAO8, KKS12, KLJ14, KCP19, KRO6, KKTZ13, KC04, LK15, LC14a]. based [LHKL03, LoSB18, LSH13, LLLY08, LL07, LZI11, LMJC11, LW16a, LWC17, LN18, LS03, LrU14, LHT08, LZA11, LZZ15, LZ18, LCJ18, LLD15, LPLM12, Lop18, LACJ18, LAC18, LVB07, LS06, LP88, LFEP19, LLFJ18, MS19, MCC04, MCD506, MAGL13, MM15, MP10,
DH91a, LFZ"17, Wag89, WD18, HRJ94]. Binding [LBL95]. Binomial [DP00, WFL98]. bins [BBFN12, BBNF14]. Bio [Hua17]. Bio-Grid [Hua17]. bioinformatics [TZ06]. bioinspired [MPZ09, MCT06, dVCP06]. biological [AFM03, BBM08, BA06, BW09, BMARW07, SK09, SMB10]. biologically [FTM+19]. biology [AB03b, TZ06]. biomedical [WZY"19]. biometric [CNLGRL18, GSASA19]. Bipartite [DS84, LPS"98, DKU15, SM89b]. bipartitioning [ERS90, PB15]. bis [Fen90]. bis-sequential [Fen90]. Bisection [AK17, ZGG"14]. Bisectors [BEE00]. Bit [HPT"97, MO97, MT97b, SI91, EdE91, GPX08, KM88, KIH15]. bit-parallel [KIH15]. bit-pipelined [KM88]. Bit-Rate [MO97]. Bit-Serial [MT97b, SI91, CL90]. bit-substitution [GPX08]. Bitonic [BM14, FCS91, TW15]. Bits [GH96, HV09]. BitTorrent [ARD14, CTC11, LXZ13]. BitTorrent-like [CTC11]. bivalued [Zep91]. Black [PSC"16, BE13, SGAC14]. Blackboard [CC91]. BlackOut [ZCF"17]. BLAS [HWW96]. BLITZEN [BDHF90]. BlobCR [NC13]. BlobSee [NAB"11]. Block [ADV14, CT96, FBK98, GHS96, PT97, WSA"94, ATDH13, BW08, DAB"14, FLCB10, GPX08, KR06, LYIP19, MRJ"19, MRT18, PP13, Sch87, SPH13, SZW05, WZZ"17, XLW"18]. block-asynchronous [ATDH13]. Block-Based [WSA"94, KR06]. block-level [FLCB10]. Block-Structured [FBK98, DAB"14]. Blockchain [ZLT"19]. Blocking [BHK"94, ASES15, CASD18, DBA"18, ESGQ"11, KR17, MPN17, QS05]. Blocks [CWW96, RJKL11]. Bloom [SMPVLS11]. Blue [FGM"03]. BlueCube [CCS06]. Bluetooth [CCS06, SLWW05, WTS03]. BMB [WD18]. BMMI [SJG19]. BMMI-tree [SJG19]. Board [Ano18v, Ano18w, Ano18x, Ano18q, Ano02e, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a]. Board [Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18y, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v]. Body [HP95, SHT"95, CHCG18, IHM05, YJL16]. Boltzmann [KA89, WZY"19, WCO"09, ZA91]. Bone [AFK14]. Boolean [ESCV15, HJ90c, JH92b, OT19]. boosting [AC16, FGP05]. Border
C [CD98, DZDZ01, EFG+14, HCM11, LS85, ZH99]. C-AMTE [HCM11].
C2FPGA [CSJ+13]. C3 [Ano04c]. C3- [Ano04c]. CA [Ch95]. Cache
[DS95a, Dah99, DDK18, GS96, HP97a, LY98, LY01, LF92, NB93, PL95,
PY96, RL96, San95, TTTG95, Yan93, BW89, CWLD05, CK13, CDAN14,
DK04, FABG+19, GJG88, GVA+08, HCM11, HZY04, HC09, HSMB91, KK11,
LC11, LZLX11, MYYY17, MPG17a, MA11, SYYU07, SS17, VRGS17,
WLZ+18, YCC05]. Cache-Affinity [TTG95]. Cache-Based [RL96].
cache-coherent [SYU07]. Caches
[DS95a, YA98, ATK19, DMI+19, NSAS10, RFPAG08, SD91, SS17].
Caching [BS96b, BS96c, CS17, KC99a, KE93, MM93, BLPA05, CR06,
FCW11, FCML13, LAK10, LVP07, MA11, OC07, TC03, TC13, ZVL11].
Cbens [MCM+11]. calculation [SL90]. calculations [HT90, KVNV17].
Calculus [PL98, SC95]. calibration [MMAL+06, SDG17]. Call
[Ano95i, Ano95j, Ano96j, Ano97i, Ano97j, Ano98i, Ano98j, Ano99g,
Ano99d, Ano99e, Ano99f, Ano99g, Ano10a, Ano10c, Ano10d, Ano10e,
GSC96, LGK+12, RKK06]. Calls [Ano98k]. campus [CJYC19]. Can
[KSSK16, BNP02, HBS17]. cancer [XTN12]. CANE [LAS+19].
Capabilities [Fra92, MMRS98, ATKT19, DMI+19, EHL+15, NSAS10, RFPAG08,
SD91, SS17]. Caching [BS96b, BS96c, CS17, KC99a, KE93, MM93, BLPA05,
CR06, FCW11, FCML13, LAK10, LVP07, MA11, OC07, TC03, TC13, ZVL11].
capabilities-aware [RB11]. Capability
[Guo94, JLVN11, SP06, YWP00, BJ15, CKC19, Ha91, HO04, DOB+15].
capability-aware [HK04]. capable  [SMP17]. Capacitance [YB91].
Capacity [ACD+93, MO97, T&DQ18, ACCP12, BKK+11, JHPL13].
Capacity-aware [T&DQ18]. capture [BOT13, JXW06]. Capturing
[ISAZ07]. cards [KME09]. Cares [BL94]. Carlo [Bro96, PAS15, ZS13].
carry [NCT+07]. Carrier [DL01, BC11]. Carry [NIR86].
Carry-Lookahead [NIR86]. Cartesian
[GOH+13, ANS97, Dim94, ISAZ10, MSAZ11]. carving [RRS+08]. Cascaded
[Wil90]. Case [BA01b, GT02, HPT+97, MS99a, NMS98, PP13, SSG03,
WNA+94, WLR00, AGMS16, AES11, BJ18, CCK+08, CHLL18, DJ91,
FRM15, GRR+05, HD13, HA91, Li06a, Li06b, PCMM+17, ROE+18,
SJVRV19, TdAR18, WLCZ15, WMG13, ZKZF19, ZL+19]. CASS
[Cou93]. Causal [CLZ02, MT97a, PRS97, RS92c, CZZY09, EDH+17, FJC04,
dAAD+19, HCR12]. Causality [MCS14]. cause [LXW+11, MBR19]. caused
[Zha11]. Cayley [BS03, WLD00]. CBase [ZLZ+19]. CBIR [BRPR06]. CBT
[GS01b]. CBT-FR [GS01b]. ccNUMA [MTM10]. cDNA [TMM06]. CEA
[LY12]. CEFT [ZJ06]. Celeste [BCK+09]. Cell
[CB99, LWCC15, LTKS00, BGA12, XP10, XT12]. cell-centered
[CS00, DL01, DKMV01, ORU87, TSU84, ZR00, ANEA13, EM11, FCG04,
GKS15, GMXA07, LMSK18, MAM05, PD19, PSRS12, Pet18, ZBW+17].
cellular-based [GMXA07]. center
[BFH] centered [LWCC]. centered
[AG12, AK18, GYAB11, HTB19, MB19, MLK] centered
[OJP] symmetric [RT18, TVT] centered
[YAK15, ZV14, ZV12] centered
[JKP17, KSI04, LAS, VS18, XYZW] centered
[CPL07] CFD
[BAMM05, Kal04, MS99] Chain
[AG12, AK18, GYAB11, HTB19, MB19, MLK] Chain
[OJP] centric
[RT18, TVT] centripetal
[YAK15, ZV14, ZV12] centripetal
[JL11, SSKC¸] centrality
[WB] centripetal
[BF01, KS94, MR94b, RJA97, WP02, DWYB] Characterizing
[HRF] Characterization
[BF01, KS94, MR94b, RJA97, WP02, DWYB] Characteristic-Aware
[BF01, KS94, MR94b, RJA97, WP02, DWYB] Characteristics
[BF01, KS94, MR94b, RJA97, WP02, DWYB] checking
[BBBC12, CM04, CAK13, MMN] Checkpoint-Restart
[BBBC12, CM04, CAK13, MMN] Checkpointing
[BBBC12, CM04, CAK13, MMN] Checkpoints
[BBBC12, CM04, CAK13, MMN] Checksum
[BBBC12, CM04, CAK13, MMN] CHEMAS
[BBBC12, CM04, CAK13, MMN] Chinese
[BBBC12, CM04, CAK13, MMN] Cities
[BLSB] Circuits
[BLSB] CLAP
[BLSB] CLAP-NET
[BLSB] Class
[Par98, FP17, LLL06]. **Classification** [DSAUM99, BCM06, Bod89, COV13, CK13, DH04, PDP17, TPLY18]. **classifier** [BOKS19, SDG17, UGG+11]. **classifying** [Luc18]. **clean** [CXX+18]. **Client** [GM99, HC09, ST08a, TC04]. **Client-Server** [GM99, HC09]. **client-side** [TC04]. **Clients** [ALL99, GZY14a, Yan09]. **Climate** [AFH+19, DXS+19]. **clinical** [KDO+13]. **Clique** [FTL92, SSTP09, WCH+17]. **cliques** [CKO04, SMT15]. **Clock** [ASB97, PD92, PB95, PB09]. **Clock-Regulated** [PD92]. **Clocks** [DKMV01, YH97, AKD06, TPLY18]. **Cloning** [DDD98, RMHR17]. **Clos** [HJDH01]. **Closed** [TR96]. **Closure** [YMR93]. **Closures** [AW95]. **cloth** [GRR+05]. **Cloud** [CDJL09, CDJL11, FEH+14, LAC18, PR13, VS18, ASKO16, ASHO19, AKK+19, Ale19b, Ale19a, AZC13, AM12a, AMSA19, ACCP12, BYH+17, CL14, CCA18, CPJ+19, CXY14, CTKA17, DKK+15, FRM15, FCJG+18, FMIF18, GQZ18, GYAB11, GSASA19, GSY19, HTB19, HRM17, HMY+18, JAB12, KVA18, KSB19, KS18, KBK+19, KSSK16, LWZZ12, LQM+12, LLB+18, LGM18, LZWZ19, LWH+19, MLH16, MYYY17, MXSL12, MMK+11, MA19, PLSM18, PH18, RT18, SMW18, SWW+17, SFHS19, SLZ+19, TCBM+19, TKR+19, TLW18, TXK+13, VD18, WXMX19, WCCH18, gWW18, XLC+18, XRB12, XSY18, YTH+19, YYW19, YYL+11, ZL14, ZHT16, HAC+19, NLB+18]. **cloud-based** [AMS˚A19, GSASA19, TCMB+19, WCCH18]. **Cloud-centric** [VS18]. **cloud-of-things** [TKR+19, HAC+19]. **cloud-oriented** [GYAB11, HRM17, MXSL12]. **cloudlets** [TPS+18]. **clouds** [ACPT15, ACB+15, CKMP17, KM17, KKLJ14, LYJ+19, LTWW12, LWQQ18, MB18, NC13, NKK+16, PVP18, ZG13, ZVL+15]. **Cluster** [AFT+00, BAH01, GS01a, HS00, JM00, JKV15, LS01, MK01, PT01, ARM+05, BMARW07, CCA18, CDS10, FW05, FLCB10, GRR13, HW03, IEWK17, JGMY17, LAK10, LML+10, LÜ14, LZC11, LB18, MAR05, MJ05, MBH+08, ND13, NVK+11, OC07, PKW+10, PSSR05, QVPM06, RL14, SAOKZ05a, SAOKZ05b, SBC12b, SH+13, SMH+14, TC04, VM03, WLL16, ZBF05]. **cluster-** [SAOKZ05a, SAOKZ05b]. **cluster-based** [FLCB10, HW03, LÜ14, MBH+08, PVP06]. **Cluster-to-cluster** [JKV15]. **Clustered** [CP99, MF94, GZ14b, HRC09, Lop18, NS12, SFT+13, Wan06]. **Clustering** [ASM09, GYO92, HJ07, TZ07, TM10, WSH+03, WHT00, ASKZ13, AS18, BM16, BM17b, BF13, CDDL10, CLC+17, DBCF13, DKK10, GY13, GWH06, KG19, KKH17, LK15, LLW07, MCC04, RIZ09, SAL10, SX08, TLW18, WMW09, YBX+13, YÖ11, YWW12, ZMP11]. **clustering-based** [MCC04]. **Clusters** [AY197, BJ99, BP01, BDH+97, Dero00, KMKD97, KR98, UC07, PN97a, PN97b, WB96, Wei02, ARP18, BCFF05, BJS03, DCA+15, FMR05, Fu10, GJ98, GRS19, GXY+14, HV13, JM14, KG19, KKH17, KY105, KCR14, ME04, MMVL11, PYF08, Py09c, QJ05, QS05, uRIL+18, SS11, SM04, TC03, VBDRC13, WQ14, WLNL06, WH17, WLWW09, YH07, YJKD10, ZB09, ZMCP11, ZL08, ZHLQ12]. **CM** [BSG90, LAD+96, PTC+93, Sab94, Sif91]. **CM-2** [BSG90, Sif91]. **CM-5**
LAD +96, PTC +93. CMOS [KRM14]. CMPs
[AFA13, APRA18, DKR19, FABG +19, FLC14, HRF +11, OOSGVG +16].
CMV [WDDK09]. CNN [CXX +18]. CNNs [CDW +19]. Co
[AHA +16, KN18a, KN18b, RBG17, BBH +17, HVW16, HD10, NVK +11,
OJP +18, PSB +19, ASST05]. Allocation [NVK +11]. Co-Design
[RBG17, BBH +17]. co-evolutionary [HD10]. co-execution [PSB +19].
co-location [OJP +18]. co-optimization [HVW16]. Co-optimization
[AHA +16]. Co-processing [KN18a, KN18b]. coalition [YKS15]. Coarse
[BR96, BM04b, CDRC99, DFRCU99, HK96, NS97, SR97a, SR97b, TF01,
CT94]. Coarse-Grained [BR96, CDRC99, HK96, SR97a, SR97b].
Coarsening [DR98]. Cobb [HGX +19]. Code [Bec96, FK89, JH94, NS97,
RNSB96, BCM87, CDW +19, Gao89, LS06, MMN +18, SY04]. code-based
[LS06]. Codes [BVB02, Lat98, AM13, CP10a, PSB].
Co-code [Bec96, FK89, JH94, NS97, RNSB96, BCM87, CDW +19, Gao89,
LS06, MMN +18, SY04]. Cogenerators [KSP +92]. Coherent
[PY96, SY07]. cohort [AKBD10]. coin [AAC10]. Coexistence [SRL10].
Collaborative
[BB90, KS00, RW01, Amm16, HMV07, JLM08, ZWW17].
Collaboration [JXW06]. Collection
[BS90, KS00, RW01, Amm16, HMV07, JLM08, ZWW17].
Collection-Oriented [BS90]. Collective
[DT01, HK01, TSC01, BRP03, MBBD13, NKK16]. collectives [Zah12].
collectors [VRM10]. college [NDW17]. Collision
[LD2 +17, YB95, CX0 +18, JBS14, MBMC19, SK05b]. collision-free
Colonial [CGN +13, CLA +18, DDGK13, RL01, Ski16, CCK11]. color [Ebn04].
Coloring [LSH96, GGM +08, DJT03, GDP08, GK10, HLM +90, KJD03].
Colorings [GJP96, Ros89]. colouring [SS03]. column [Mat06]. COMA
[CKL99]. combination [DKC14, YFBY17]. Combinations [Kap93].
Combinatorial [Ben15, DDE19, Kap93, KA89, ZG13, CCLS94,
Men18, PPSV15, WMG13]. Combine [BLPV95, Van94]. Combined
[GDC18, OY00, CF88, VAS +13]. Combining
[AAC10, CMT13, LKK94, LK98, LC96, SZ00a, SR16, UBES10, WMY +17,
WR95, BCC +18, GWWL94, HDJ08, TY90]. Comments
[Cha94, GRV08, Pan09]. Commercial [DZDZ01, MKC01, NVK +97].
commit [mYA91]. Committee [Ano93a, BDP16]. Commodity
[PVPM06, MC03, ZB09, ZXB14]. Common [MS99b, ALH +09, MS88, FH04].
common-bus [MS88]. Communicating [CD19, BFTV87, DRR13, SSM+06].

Communication
[BP09, BKT95, BCR96, CW00, CCRS92, CGL+95, CS95c, DUSH94, DS95b, ESMG96, Fah96, FM99a, FPS11, FKT96, FGKT97, FA95, FAM96, Fra92, FLM+19, GRY97, GBE93, GM94a, GK98, GPS96, HQT99, HH01, HP95, HS93, HA92, IM94, ITT04, Joh87, KL01b, KLS09, KS00, KS02, LHS97, LZ02, LR03a, LO96, LWP02, Mck94, MRR98, MLK+16, MSST99, PP96, PB99, QH96, RFS+12, RKK95, RS92c, RU99, RMC97, SCM99, SS99, SOG94, SSK96, SBAM96, SKI96, TF92, TSH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, AFA13, ARP18, ALT13, AM12a, BM17b, BFTV87, BCM87, BBR13, BOS+91, BRP03, CCO06, CNS03, CHC05, DB11, DUK15, DAP18, DW04, Ede91, ED6+17, FW05, GPT06a, GM13, GP05, HK05, IB04, JI12, JZZ+17, KITY05, KSC03, Lai86, LAK10, Lo92].

communication [Lun90, LM09, LWCG14, LLW12, dAFM013, MAM05, MTL+18a, MCM+11, MPG17b, NRM+09, PB90, REK10a, REK10b, SS89, SPBR91, SAL10, SLV19, SRI14, SLKK12, Sta04, SW90, SZB16, SSGZ13, Tam18, TW15, WFC19, YCH+10, YQ1V12, ZBF05, ZV09b, FPS12].

communication-avoiding [SLV19].

communication-aware [ZV09b].

Communication-Computation [QH96].

Communication-Efficient [HQPT99].

Communication-Free [HS93, FLM+19].

communication-induced [LM09].

communication-intensive [MLK+16].

Communication-Minimal [Xue97].

communication-optimal [MPG17b].

Communications
[AMN00, BD00, CQ95, DRR96, LLJ00a, SC91a, SHC93, TSC01, WA02, YM01, ZR00, EB09, GMH+91, LHP07, MBBD13, PGP+12, TP18, TKG+17].

Communicator [KF90b].

community
[CTC+10, LpJS+18, Trä09, WLS19, ZLL14].

community-based [ZLL14].

Compact [CDF01, C99a, CJY04, CI03, NCT09, NKV14].

Compact-Port
[CDF01].

Compaction [BHR91, Kar95, SLHS19, WD94].

Comparative
[AAD02, GS00, MQ01, SJVRVS19, HA91, KBK+19, PL03b].

Comparing
[GGW96, YL98].

Comparison
[BSB+01, DRBB01, Fre96, GY92, GRS19, JNW96, KA08, KA99, OP98, SSOB02, SAC+18, Tay02, AFM03, AG12, Ben19, FGZ03, GHC+17, JKIE13, MP10, NSKN17, SMB10, SS94b, ZTFK16].

Comparisons
[YBM13].

compass
[AKBD10, XKMN94].

compass-free
[AKBD10].

compatible
[MP08].

compensation
[Yan09].

Competition
[eW95, TR89, WSLC11].

Competition-Based
[eW95, TR89].

Competitive
[DLLX97, GS96, Ser97, SHC14, LHHH11, VM95].

Competitive-Update
[GS96].

competitiveness
[GK15].

Compilation
[BCR96, CA96, HHKT96, PA96, MH18, PAG+18, WQZ+13].

Compile
[Fah96, HA92, LP97, PM96].

Compile-Time
[Fah96, HA92, LP97, PM96].

compiled
[KY10].

Compiler
[ABDS02, BW95a, CGSV93, HK94, KRC00, LY98, LY01, NS12, RJY96, SDS99, SD00, Tse90, VV90, WB94, DK04, RG06, Sab94].

Compiler-assisted
[NS12].

Compiler-Controlled
[SDS99].

Compiler-Directed
[LY98, LY01, RJY96].

Compiler-Optimized
[ABDS02]. **Compiling**

[BS90, BCF+94, DRR96, GKHS96, KHS96, SSHC00, SB93, DeG88, LC91a].

**Complete** [YAS98].

**Complexity** [BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gon98, JBL98, KCP19, Tay02, AEF11, BPW05, CH06a, DUW86, FWM+10, SSS88, So13, THSS87, WG08, XL11]. **complexity-effective** [FWM+10].

**Component** [AHG12, HHM94, SR94, CT94, Hdr13, KRKS11, VLW18].

**Component-based** [AHG12].

**Components** [BJ96, Kar02, BBL+06, GHJL19, Hoh90, LWR+03, MHPR05].

**Composed** [SM02a].

**Composition** [HLJ98, Tay02, CJ17, WMY+17].

**Comprehensive** [DG94, CJA+19, GM14b, uRIL+18, Upa13, ZAB18].

**Computation** [AM97a, AISS97, BCV94, BP95, BA01b, CA95a, GM94a, GM95, HR92b, HRR92a, JSS92, KF95a, KS00, LHM95, PB99, QH96, Sch90, Sin87, SA93, TR96, Win85, Ale19a, CR96, CXY14, CL85, DB11, DHK04, DWHL87, JT88, KSG03, Lee90, LMB+17, LGM18, MCS14, NCTT09, PK07, RMU14, SS11, SD88a, SZ03, VGA08, WL04, WT09, WCO+09, XLH18, YJL16, YJB91].

**Computational** [APV18, DRC90, JBL92, KRW96, KR97, Num08, Num09, AAG17, AB03b, AGMJ06, CCE+17, CS06a, DHO06, KHT+14, LGRV19, LBE03, MS19, MJ03, Pen11, QZP19, RBN11, SM014, SNCP12, TZ06, ZLLK19, WW05].

**Computations** [AL09, AMN00, AP94, Ano92a, BR95a, BDKM94, BW95a, Cas93, CN93, CQ95, CCGA98, DSH94, 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, DMFCFM03, EL91, FXZ03, IEWK17, Jh087, KME89, KHK03, RV13, SSK15, SBQ12a, ST89, SC04, SK91, SMH+14, SS94b, TG04, WJ14].

**Computational-power** [ZLLK19].

**Computing** [AGF94, AMN00, AP94, Ano92a, BR95a, BDKM94, BW95a, Cas93, CN93, CQ95, CGA98, DSH94, 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, DMFCFM03, EL91, FXZ03, IEWK17, Jh087, KME89, KHK03, RV13, SSK15, SBQ12a, ST89, SC04, SK91, SMH+14, SS94b, TG04, WJ14].

**Computer** [KDO+13].

**Computer** [ABM+92, CM92, CTZ99].

**Computer-Intensive** [ABM+92, KAS07].
CY96, CJ99b, Fer93, KL01a, KGV94, Li01, MT96, MSC96, MYD95, Moh96, NFE97, NS92, PE93, Ree84, RW01, SR94, Shu95, Sto90, Tan84, TC92, VSM96, WLR90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c, BGM+08, BCF+94, Car90, CT94, GMS06, JL05, KESA07, LR06, Li16, ML89, PB90, Raj04, Sab94, Sch87, WLR90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c, BGM+08, BCF+94, Car90, CT94, GMS06, JL05, KESA07, LR06, Li16, ML89, PB90, Raj04, Sab94, Sch87, WLR90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c.

Computing [AW95, AL99, AM97b, ANT02, Ano97k, Ano99g, Ano01e, Bai94, Bir94, BD00, BSB+01, BDH+97, BNSP99, BS09, BS11, CA94, CEF+95, CDJL90, CDJL11, CP99, CGFH19, DDO+18, Deh90, DAYA02, DB94, DB18, Eme13, ELS94, ES97, FFK97, FT1+14, FPP+08, FGKT97, GRS97, GS01a, HGCC96, HS00, HAC+19, HHC98, KSA95, KMKD97, Kri92, KR13, KC99b, LAS+97, LFK96, LS01, MWL00, MAS+99, MG+13, MC93, MK12, MBG+17, MA06, Nee17, OY00, PN97a, PN97b, Pat01, PT01, PRS97, PBB+17, SM94, SdS97, SLL18, SR95, SFC17, SS97, Szy95, TPS+18, TJC010, TPJ+19, BG90b, VR94, WR97, WSRM97, Wei98, WFL02, wXH00, YZS96, ZO97, ALM+16, AAK+13, AC98, AMU+19, AZC13, AM12a, AMT13, ASC+18, Arb89, AM06, ACB+15, ABP17, BC06, BW09, BFL+13.

computing [BDDL09, Bou03, BH05, BSM08, BHS13, BLZ+18, BYH+17, BAK+03, CFI+18, CMMT13, CCS06, CVK+18b, CPJ+19, CSW08, CTKA17, CV09, CDR12, DK90, DG+17, DF12, DØ06, EL88, EFG+14, ES12, FPF+04, FKR+17, FP17, Fa10, FX10, GQZ18, GMS+11, GWWL94, GAC+17, GRZ+18, HES10, Han89, HRH18, HZL18, HLL+19, mH14, IB04, JHL+18, JdSJC+15, KHW13, KDO+13, KBC19, KS08, KVHS07, KV10, KCR14, Kf07, KL05, KCFP18, KBD05, KDSS18, KCO4, KMS+06, LTL06, Las12, Las13, LHW19, LCC+05, Li05, LZY11, LLCZ19, LBT19, LW1+19, LY19, LS10, LY08, LML+10, LPX05b, LE19, LB18, LR05, Luk85, LS07, MYYY17, ME04, MSR19, MNR+19, MCT06, MZC18, MMS99, MMK+11, MSJ05, MA19, MKN14, MC03, NXTK17, NML+19, NDW17, NSDZ18, NAK04, NRM09, Oza04, PLD14, PH18, PGKV18, RBN13, Raj04].

computing [Ren11, RRS+08, SMW18, SJB12, SSM+16, SZL10, Suk18, SB04, ST08a, TZ07, TZI11, TL0110, TLLL10, TFMS15, TRS06, TX114, UAK106, Udd19, VD04, WXZ+19, WZH+19, WS06, WGL11, gWW18, XQ04, XHL13, YLL17, YWJ+18, YC04, YTH+19, YLZW18, YBM13, ZAB18, ZKZ18, ZGW+19, ZL14, ZV09b, ZB03, ZFWF06, ZHO03, Ano99g, AS13, Ano97j, BS09, CDJL90, Cuz11, FSN11, GMS+11, Gra09, KRS13, KR14, Lan09, Las12, MMV11, TH11]. Concentrate [LW95].

Concentration [JL05]. Concept [DFLO17]. Concepts [TAS+01, MAGL13, NKSA17, ZZ09]. Concerning [IPK85]. Concurrency [Ahu90, ADD17, KCV99, LZCY09, MS96, NMS93, RM90, SR14, UBR10].

Concurrent [AyJ93, ACHY18, CMM92, CMN12, DBLB+12, FPD93, IM94, Joh94, MM04, RSD94, RS924, WCF94, WW96, WG93, WT92, BE13, CTS17, Chi95, CMT92, DB08, FJSW90, GV86, KME98, PVP18, Par89, SW18, ST05, TK07, Chi95].

Condition [SJ96]. Conditional [CSS11, CW09, ERA95, RLS96].
Conditions [DJ98, HM96, MI92, Ste17]. Condor [HS97]. Condors [BZH06]. Confidential [YDZ+18]. confidentiality [ZHT16]. Configurable [TCMB+19, ZMJ17]. configuration [BL05, FVCL05, LB17, NP09, VAS+13, WZ13, WLST16]. Configurations [LK94]. configured [ZV06]. Conflict [BP02, CH92, DP00, DFP06a, HV09]. Conflict-Free [BP02, CH92, DP00, DFP06a, HV09]. Conformance [CY95]. Conformity [ZV06]. Configurable [TCMB+19, ZMJ17]. configuration [BL05, FVCL05, LB17, NP09, VAS+13, WZ13, WLST16]. Configurations [LK94]. configured [ZV06]. Conflict [BP02, CH92, DP00, DFP06a, HV09]. Conflict-Free [BP02, CH92, DP00, DFP06a, HV09]. Conformance [CY95].

contemporary [VM03]. contended [AFA13]. Content [Li99, SLW10, Win85, Bar05, DMI+19, Fei03, FM07, KTP17, KRM14, NKK16, SZ09, ST12, SCK03, SK11, WLZ+18, ZW13].

Content-Addressable [Win85]. content-based [ST12, SK11, ZW13]. Contention [BCD00, FCW11, LKK94, STK11, AEY12, FA07, HHS12, JW89, KH12, LW16a, NTTN91, Nik03, SW18, Zah12]. Contention-aware [FCW11, STK11, LW16a]. contention-free [KH12]. Contents [PSGS17].

Context [AHG12, CWZ+18, Cou93, Ano04d, BPA06, IB04, ORWT+18, YK04, Sie16]. Context-aware [CWZ+18, BPA06, ORWT+18, Sie16]. context-sensitive [Ano04d, YK04]. contexts [KHT+14]. contextual [Ana14]. continued [Ano18v, Ano18w, Ano18x]. Continuous [JHPL13, NH93, Luc18, MCds+06, NTT19, TCS+10, dGP06]. continuously [AKSM08]. Continuum [MP96]. contraction [LGK+12, SMH+14]. Contractions [BBN93, IEWK17, Ros89]. Contribution [AS19]. contributions [RGU08]. contributory [SA19]. Control [AGW98, AGW01, BJP91, BBM+02, BCLR96, BCD00, BDF01, DSST95, ESA03, FR96a, FT94, KSP+92, LM96, MS96, Nie94, OS93, SG96, THBF97, WLD02, AA10, Ahn00, AAA+10, BCO+12, BWP+11, BMF05, BJ18, CF88, CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOHG17, HC04, HMY+18, JTTZ11, KNS91, Kim11, KGN11, LL90, LZCY09, LCW05, LWLD12, LL12a, MLZY17, MG09, MBO11, MCZ14, RCG+17, RKK06, SRI14, TG04, WRW13, WJD91, WHS+18, XYDL06, XLW+18, XWC+08, YBM13, YJKD17, ZBW+17].

Control-Memory [BCLR96].

controllable [ZHT16]. Controlled [CGSV93, Li99, MG91, SDS99, SD00, WMZ19, BYT19]. controls [YSL08]. convection [CEGS07]. convergecast [KK06, PLY15]. Convergence [GCM95, ÜD96, YBOY97, CDD+15, PH18, Tor89]. converging [BHK17].

coprocessor [FC14, SMH91]. Convex [DS84, DFRCU99, LP97, Wu02, DDNS06, GS03a, RBD08]. Convexity [BOS+95, BGOS95]. convolution [CLXX19, XLW+18]. convolutional [ZLS17]. convolver [Kep03]. cool [LFS16]. Cooled [SWHB17]. cooling [MLK+16, SWHB17]. cooperation [YQTV12]. Cooperative [BW95b, LTWW12, SR3+19, SZL10, ADDB18, DDG+17, FCML13, FZ14, GRDB05, GZY14b, KK10, LGM18, NP09, TC13, TVT+17, WLL16, WHC+18, XHZ+10, YpGyLlC13, YF07]. Coordinated [DDG+17, VPHML06, MCZ14]. Coordinating [DZ97, LZI+11, CHC05].

Coordination [DRST02, FCZ+12, SCN12, SZB16, BDP16, DRT07, MS05, Wu11]. copies [RS19]. Coping [BGBC+16, BCC+18].
Dark-Silicon [SDS+18]. DARPA [WRHR91]. Data
[AOS+05, AL04, AAL95, AL591, AS13, AS15, Ano96j, Ano00d, ADM+94, BVB02, BCD95, Bal90, BBB+06, BHS+94, BR95c, BR02, BS09, BS11, CGN+13, CDY97, CK08, CGL+95, CP92, CHR94, CRFS94, DOP98, DRC90,DSAUM99, DSRST02, DHR96, DSD+97, DSS95, Fah96, FMP98, FFKC97, FMW+94, GG94, GP93, GC01, GDN+98, GS96, Gup92, HK01, HJD+01, ISZBM99, JW94, JS86, JB93, KR97, KLS90, KRS01, LSCA93, LZ02, LAS+97, LY98, LY01, LO96, LW19, LL95, LSWC14, Lu01, LWWQ18, MD13, MS85, MRV98, MK92, MRK93, MNB95, MNM98, NBP98, Nic94, OK02, OP98, Ozt11, PB96, PH91, PL98, PT97, QZ94, QH96, RSW90, Ros99, RW93, SS99, SMH94, SG99, SR97a, SR97b, SAC+98, SSCH00, SHT+95, SS94a, SYGC97, SPPA19, SIR92, Ste95, SC91b, Str12, SV00, SFC17]. Data
[SLHS19, SG96, TSC01, TR96, BG90b, VBM90, WB94, WNA+94, WPKK94, WS93, We02, WS97a, XMMD17, ZTFK16, ZRC99, AAA+15, AMU+19, ASB18, Amm16, AH12, AGWY11, ACPT15, Ara90, AG12, APK18, AYB+15, AEY12, AK18, ARDQ8, AS18, BFH+17, BCO+12, BH66, BR91b, BEN12, BMLLC+19, CK06, CF88, CF91, CMR+18, CJYC19, CKN07, CGC16, CLC+17, CPLY18, CW15, CLLO9, CTT16, CTT08, CCC+19, Cuz11, Cuz13, DF17, DMG18, DTK11a, Eck18, ESTA94, ED¨O05, ECP+18, FCW11, FP03, Gao89, GYAB11, GE85, GS91a, GJA08, GLG12, GM14b, GBA08, GB11, HMV07, HLS03, HTB19, HSMB91, HP06, HA05, JLY12, JBS14, HHPL13, JHL+18, JZ05, JWH+17, JdSJ+15, JKV15, KKKG14, KA08, KHK03, KAS07, KCR14, KSB11, KL05, KKTZ13, LWC+18, LL19, LHF91, LWZ12, LC91a, LC11]. data
[LY12, LWW17, LZW19, LAS+19, LBT19, LQJ+19, LLW07, LSZ15, LW18, LZY+18, Lon04, LA04, LGK+12, LSZJ15, MC+96, ME04, MB19, MLK+16, MBMC19, MP08, NLB+18, NS90, NCT+97, NCA+12, NC+17, NAB+11, NKK16, NAK04, NTC03, OWK14, OM10, OJP+18, Pad91, PST+19, PSPR05, PS14, PRL07, Pa96, RBN11, RT18, RB12, Ren11, RMU14, RBA+18, RAN+17, RJKL11, SMW18, SHK19, SS08, SC04, SCW+18, SCM13, SM08a, SK05a, SD88a, SVW+17, SR91, ST08a, TR89, TBHA07, TZH+06, TK07, TVT+17, TLW18, VETT18, VLG+19, VMMB10, VB08, VRM10, WCWO17, WSH+09, WZ+17, WZW77, WCH+17, WW18a, WXZ19, WL05, WGI1, WLZ+18, XHZ+10, XYG18, YX+13, YAK15, ZV14, ZKZF18, ZLZ+19, ZV12, ZWW17, ZSCX18, ZHT16, ACB+15, LZSJ15, PJ18, RB08, WLL10]. data- [KAS07]. data-compute-intensive [KAS07]. Data-aware [ZTFK16, AYB+15, VMMB10]. data-center [FP03].
data-centric [LAS+19]. Data-Driven
[JB93, VBM90, WSS93, BH66, KHK03, NC+17, WLZ+18]. Data-Flow
[BG90b, SPPA19, GE85]. data-gathering [LLW07]. Data-Intensive
[BS09, ZMCP11, RBN11, SC04, VB08, WZ+17, WG11]. Data-oriented
[LWWQ18]. Data-Parallel
[AAL95, Ano00d, BCD95, BHS+94, CGL+95, DSD+97, FFKC97, KR97, OP98, QZ94, QH96, Ros99, RW93, SAC+98, SSCH00, Ste95, WB94, WNA+94].
Data-stream-based [CK08]. Database [DSW94, HILLY95, HTL99, LLS93, LHM95, MB93, RSD94, YMR93, BH86, CI86, HPMSM91, LY91, LZCY99, LLB+18, TR16, XLC+18]. Databases [BM95, CS95b, FCF00, MFS93, Ahu90, Ale90b, BA06, CG86, GPHS91, PF08, PLK+18, Ram89], datacenter [CPLY18, MG09, YYWZ19]. datacenters [PRN+19]. Dataflow [BG86, BCF97, BPN90, BJ91, BH93, GGB93, Gao93, HCAA93, LB90, MNB95, NBM93, RSBN01, SA93, SBKB90, VV90, YMR93, Bi90, ESCV15, KLL+17]. Dataflow-Based [RSBN01]. DATALET [PST+19]. dataraces [SSS07]. dataset [YYLC11]. datasets [CLOL17, KSJC17, KN18a, KN18b, Y¨O11, YLB+15, ZB09]. Deadlock [BSMH08, KSS+07, WMG13, WL15]. Deadlock-Free [CMS92, Li92, PA97, PA01, SJ96, TT07, ZN01, AA14, BB85a, XL11]. Deadlocks [CMS92, Li92, PA97, PA01, SJ96, TT07, ZN01]. Deadlock-Free [CMS92, Li92, PA97, PA01, SJ96, TT07, ZN01, AA14]. Deadlocks [RP95, WP02, Li05]. deal [ESGQ+14]. Dealing [BKS05, FP03]. DEAR [ALF03]. Debugging [Mi92, ML+90, SG93, CV16, LZZ+11]. Decaying [GM96]. Decentralised [YZS15, DBCF13]. Decentralized [AM11, DW12, GHK+12, GMXA07, HS97, AS18, BHK17, Che89, LWH+19, MAPF14, SL06, WQZ+13, mYA91]. Decidability [FP17]. Decision [ADS01, BF01, LFA96, AKK+19, KDS18, KC04, PP06, SV18]. decision-making [AKK+19]. Decision-Tree [BF01]. declustering [WZZ+17]. decoder [MC17]. decoding [CP10a]. Decomposable [KS08]. Decomposition [Bai94, BBDC02, CP92, HJ90c, HBH93, KGB92, LS95, NPY+97, PE93, QZ94, Ara90, ACFK07, CvdBL+08, CZZ+17, CKLW19, Luk85, NST19, OT86, RSK19, SK09, TW87, WD18, XWC+08, ZWRJ07]. Decompositions [ABCP96, KR96, Oru87]. decoupled [CTCX08, DBC03]. Decreasing [TSHH01], dedicated [AM07, HLL+19, MAR05, WLNL06, ZV09b]. deep [CXQ+18, FFYH19, HMY+18, HKK+18, SRB+19, TLL+18, WW18b, WBS19, WDS+18, XCC+19, ZWW17, ZHG+19, MLCFH+18]. defense [WHW+19, XCH08]. definite [KK86]. deformable [SQL19]. Degenerate [HF96]. Degradable [BBR94, CGA98, LH92, RCB93]. degradation [NSTN91, WCYR08]. Degree [DS96, Pra93, RL95, BCF14, BPBR11, KSK15, LVP08, Sta17]. Degree-Constrained [RL95]. degrees [ZDC06]. Deister [WZZ+17]. Delaunay [ABC+09a, ABC+09b]. Delay [AZ01, AH11, GZG+17, Hu11, GL12, HWWH08, LMZ04, Li91b, 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, GK98, KL01b, RWB+13, Sta04, WPC19].
Deleting [BCK+09, PPC04]. deliveries [WE13]. Delivery
[CLZ02, CLV95, THGY15, AH11, Bar05, KMF+05, KNS06, SZ09, WGCZ09,
WLZ+18, XYDL06, ZLT+19]. Dellat [THGY15]. Delta
[ASB18, KJ84, WBS19, YL89]. Demand
[DSST95, HLL+95, JSCB95, BSW07, FVLB09, HZDP12, KyLPC17, LSZZ15,
NKK16, SFEF06, WL05, XG03, YYLC19]. deleting [BCK+09, PPC04].
deliveries [WE13]. Delivery
[CLZ02, CLV95, THGY15, AH11, Bar05, KMF+05, KNS06, SZ09, WGCZ09,
WLZ+18, XYDL06, ZLT+19]. Dellat [THGY15]. Delta
GS96, HTB98, ISZBM99, KSB94, KS94, LLLY08, MMRS98, Par92, PAH’98, Ram89, RP95, SL97, SQQL19, SJS11, WCF94, YHWY18b, AKK+19, AFD+11, AMK+07, BXA08, CRK+09, CV90, CH06b, CDW+19, DKKV15, DFP06b, ECWV19, Eri88, FM85, GDC18, GHL19, Gue86, GB98, HMY+18, IZ12, KHK03, KCFP18, Ksh12, KKTZ13, Lai86, LLLC15, LJ05, LWC17, LHL14, MD07, MFVP08, NHO+13, PMHM19, PH16, RLP14, ST12, SMP17, TRS+12, TY17, TCS+10, WL11, WML+18, WXZ+18, XL11, XTN12, XSYG18, YF07, YDZ+18]. Detections [Yen01]. detector
[DMI+19, SLG06]. detectors
[AAI+15, BGBC+16, DGFGK05, LFA05, MFVP08]. detention [JXW06].
Determinacy [BN94]. determination [MJ03]. Determining [GRR93, LAS+97, DH91a]. Deterministic
[AS91, BCD02, OS96a, GTGLSA12, MPRI9, SG08, WZZ+17, ZLWL12].
Development [BR95b, FSD04, KHT+14, PH00, AM17, DBC03]. deviation
[XBK07]. Device [DM90a, PVP18, VFAD17, ALF03]. devices
[ANO04d, KIM17, MXSL12, WL04, WCF14, YK04, ZV09a, ZV09b]. DEVs
[PK05c]. DGIN [KMC16]. DGIN-3 [KMC16]. DHT
[BJPPM*08, CTT16, HASB16, SP08, SX08, ZH07]. DHT-based
[BJPPM*08, CTT16, SP08]. DHTs [GTGLSA12, SAL10].
DI-multicomputer [CC96]. Diagnosing [Qia97]. Diagnosis
[BW95b, Kav93, KNF95, Wan01b, eW95, CJ19, CAF+11, FY86, FZ90, VS18, Yan04]. Diagnostics [DMG18]. diagonal [PRH06]. Diagram
[RR95b]. diagrams [SZ03]. Diameter
[DF95, LP95, RS96b, RLS96, WIKC97, BBD18, BBL04, CW09, SLWW05].
Diameters [Als01]. DICE [CKL99]. Dictionaries [MD98]. dictionary
[GA90]. difference [CLXX19, HT90, SS11]. Differences [LDCZ97].
 Different [GAG+92, PD92, Bhu87, CG17, GPT06b, LCB16, MM06, She06].
 Differential [CDD+19, HRK+19, WLYS19, GGR89, WR13].
differentiated [AM07]. differentiation [MCZ14, ZL08]. Diffraction
[DL00, EXP07]. Diffusion
[DM17, SKK97, BFH09, CECS07, HES11, MMS09, RN04, ZXGD18, Zsa16].
diffusion-based [MMS09]. diffusion-drift [HES11]. diffusion-limited
[Zsa16]. diffusion-type [BFH09]. Digit [BOI91]. Digital
[ZRC99, NAK04, PR06]. Digitized [HHM94, Ara90]. Digraphs
[BMM01, T200, BP09]. Dilated [lq92, Qia97]. Dilation
[CCC96, LST17]. Dilation- [CCC96]. Dimension
[CFJW13, HSW04, RS96a, WS97b, XL92, XL95]. Dimension-adjacent
[CFJW13]. Dimension-exchange [Hsu04]. Dimensional
[AKPT99, CCC96, DFN+94, FLS+97, Hwa97, KRW98, LHS97, LP96b, LP95, NEG85, TC96, VB90, YCV*00, ASEA13, AB05, CM19, DMCFCM03, Deh90, DTK11b, FC104, GSSS03, GB11, HT90, HN19, HS17, KVH07, KLC05, KKN13, KN18a, KN18b, LSC00, LC91b, LZY11, LZW19, LBS16, NBP98, NAK04, PTA08, PK07, SGR03, WR13]. dimensional
[BV13]. dining [AFNT17]. DINO [RMHR17, RSW91]. Direct [FLC14, GV94,
Directed \cite{GY92, LSC00, LY98, LY01, RJY96, BD05, MTM10, TDP15, WCWH03, Wa03}. Direction \cite{BEN12, BC94, Ebe94, MSAZ10a, MSAZ10b}. Direction-based \cite{BEN12, MSAZ10a, MSAZ10b}. directional \cite{CCHC09}. directions \cite{ACB+15, PSC+16}. Directive \cite{MM15}. Directive-based \cite{MM15}. Directory \cite{GS00, JSM94, RFPAG08, SB15, VRGS17}. disaster \cite{SZB16}. disasters \cite{FP03}. Disciplines \cite{MDT+95}. Disconnected \cite{MM15}. Directive-based \cite{MM15}. Directory \cite{GS00, JSM94, RFPAG08, SB15, VRGS17}. disaster \cite{SZB16}. Discrete \cite{Ano02v, AB93, BBM+02, Bou02, DMSH90, Lin93b, Lin93c, LLCL98, NC97, Pra93, AWC+13, CVJ09, CRC+02, IIH16, Li16, PQ19, SS17, TKHG04, ZZ90, ZCK+02}. Discrete-Event \cite{DSM90, Pra93}. Discrete-Time \cite{BBM+02}. discretization \cite{SWLZ17}. disease \cite{VS18, ZXGD18}. Disjoint \cite{BR96, GT97, GP00, NS90, RSS99, WB01, HBA15, KMC16, Lai14, Lai15, Lai17, Lin03, LS03, MT14, SMP17, TDM05, WFL16}. Disk \cite{CT93, Cor93, ER97, GP93, LP96b, MKC01, MRK93, MF93, RAj01, RCB93, CL03b, JPD17, KR12, NC13, NZY+11, SRT+18, SS17}. disk-assisted \cite{SRT+18}. Diskless \cite{PKD97}. Disks \cite{KR11, MS96, CkLCK04, CkLCK05, OC07, RWB+13, WW18a}. dispatch \cite{YZS15}. Dispersing \cite{Gil94}. displays \cite{Tay05}. disruptive \cite{SI13}. dissemination \cite{AHZ11, DF17, LWW19, MCdS+06, MSF+13, WW18a}. Distance \cite{BVB02, CW00, CDF01, DSO1, DF95, NM17, ST02, DS04a, EIO7, Hsi04, MBR08, ST06, Tur12, WCWH03}. distance- \cite{Tur12}. Distance-Hereditary \cite{CDF01, Hsi04}. Distance-Insensitive \cite{ST02, ST06}. DistDLB \cite{TOL06}. distinguishing \cite{ZCW19}. DistOpt \cite{CLRW00}. Distrib \cite{KL19b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a}. Distribute \cite{LW95}. Distribute- \cite{LW95}. Distributed \cite{KLN+15, AE95, AL99, AM97a, AN97b, AN97c, AN99g, Ano02v, ABCP96, BR96, BFTV87, BGLA03, BSL94, Bas97, BWP+11, BA01a, BCP98, CM92, CL91a, CS93a, Cha94, Cha96, CJK00, CNS03, CWCW18, CC94, CK97, CDL90, CB95, CWP98, CM92, CA95b, CLR00, CJP99, CP99, CW11, Cuz11, DWG03, DY99, DA97, DUS94, DS95b, DOP98, DSM90, DLO17, DN94, DSW94, DSA99, DAYA02, DL99, DDE19, DH95, dADB96, EP90, FR96a, FFK97, FTM+14, FKS97, FPS11, FM99b, FY97, FTC00, FBDC99, GYM01, GDP08, GP07, GCK97, GM94a, GMSS+11, GZ14a, Gra09, Gap92}. Distributed \cite{GHK96, GHS96, HR00, HBCM99, Haw97, HK01, HP07, HWR14, HY9+10, HJL10, JPD17, JF95, JKD+15, JMB94, JMW96, JRR99, KKS99, KYS01, KY02, KSS116, KRC00, KS97a, KDO+13, KK17, KHS96, KL00, KB96a, KZ96, KVC99, KSK15, KS00, KC94, KRS13, KS94, KS02, KKTZ13, KC99b, Lan09, Las12, LWY97, LTH97, LZ02, LC90b, LHM95, LI99, LI01,
LLWC17, Lin93c, LLW07, LHT08, Lon04, LACJ18, LK11, Lu01, LS01, MI92, Man97, MS99a, MLC+90, MT97a, Mat93, MSGs+13, MSS00, MNIK12, MF596, MSST99, MK08b, NSS97, NTA96, NB98, NM02, OY13, OK01, PHB96, PAM4, PA96, PB99, PSRS12, PK07, PBB+17, PRR14, PM92, RSB96, RWK05, RS92c, RDS02, RJY96, RGS00, RAS96, Ros07, RP95, SHISH17, SM94, Sch89a, Seb95, SRGB90, SZW05, Shu95, Sin87].

Distributed [Sin93, SS94a, SM08a, Sni03, Soh96, SLG18, SIR92, SBAM96, TH11, TT10, The02, TSC01, TAS+01, TG97, TSFZ14, TB90, Tse95, TY95, Wan01b, WCUh03, WW98, Wee01, WRC+02, WMG01, WF96, WLID02, WUG99, Wu02, XBK07, xWH00, XQ04, YH97, YB01, ZV06, ZM94b, van96, AT03, ALH+09, AAFV04, AL04, Ahn90, Ale19b, AGMS04, AFM09, ACCP12, AAI+15, AM11, AMK+07, AH06, BFG+03, BCV05, BMB+08, BLPA05, BBCQ13, BG89, BNP02, Bar05, BB03, Ben19, BCMV15, BOKS19, BHLT14, BRP03, BK08, BFL+13, BD04, BMF05, BH05, BGM+08, BCF+94, BLZ+18, BFKP04, BBL04, BJ18, CSWD03, CG12, Car95, CGL+14, CG86, CRHC19, CV90, CvdBL+08, CVK+18b, CTCX08, CS08, CKWT17, CKLW19, CLM90, CKLCK04, CkLCK05, CGG+09, CJA09, CI86, CTT16, CPO+03, CTT08, CK91, Cuz13, Cyb89].

Distributed-Memory [AMN00, CB95, CJ99b, DY99, Gup92, GKHS96, GHSJ96, KRC00, KHS96, NSS97, PHB96, RGS00, Soh96, BGM+08, CPO+03, GL90, ITT04, LC91a, Pop91].

distributed-Web [KCD08].

distributing
[TY90a]. **Distribution** [BRR01, BR02, CLZ00, DHR96, KL01a, LAS+97, LL98, MMN98, SLW10, SSYG97, ASM09, Fei03, FM07, GRV08, GBA08, HSW04, KG19, LL00, LT07, Li17, MV05, NM17, PV89, SS06, SFHS19, WZZ+17, gWW18, YJL16, ZWL03]. **Distributions** [BKMT14, Nic07, PCX+11, PCX+14]. **DITVA** [KCSS18]. **divergence** [Tor89]. **Divergent** [RMHR17]. **diversity** [SSF11]. **Divide** [AY89, CTZ99, BW09, GDL+11, PV19, Sto87]. **divide-and-conquer** [BW09, GDL+11, PV19, Sto87]. **Divisible** [VB02, BD11, CVJ09, DW04, HV13, KVA18, LML+10, MVB05, ZV06]. **Division** [HP00, QMCL94, ZLPP01, Dav17, EL91, HRG+11]. **DMON** [HP97a]. **DNA** [GPX08, JV09]. **do** [LTG14, CC87, CCC90, KMS10]. **Do-All** [KMS10]. **Doan** [Ano92c]. **Document** [ZWL03, UGG+11, XCZL03, ZMCP11]. **document-similarity** [UGG+11]. **Documents** [ALL99, Fei03]. **doing** [MBG+17]. **dollar** [SSM+07]. **DOM** [WXZ+18]. **Domain** [CZZ+17, KRS13, KRS14, NPY+97, MRS+14, RMGM19, SK09, SS11, WMC+18]. **Domain-Specific** [KRS13, KRS14, MRS+14, RMGM19]. **Domains** [DR95, BMF05, dGP06]. **dominance** [EE05]. dominated [AM12b]. **Dominating** [RDL95, DW06, HJ07, JPD17, WCWH03, YSS11, YWW12]. domination [GP07, GK10]. Don't [BL94]. **DOOR** [Won99]. **DOOR/MM** [Won99]. **dOpenCL** [KSG13]. **Double** [GVBB13, XLHT13]. **Doubling** [OOW95, ST08b]. **Douglas** [HGX+19]. down [Sch99b]. **DPI** [HVV16]. **dragonfly** [BFV19]. **DRAM** [ZLH+18]. **DRAM/NVM** [ZLH+18]. **Draw** [Mil93]. **Drawing** [CP98, DP12]. **drawings** [JD12]. **drift** [HES11]. drive [LTG14]. **Driven** [CB99, CP99, FM99a, JB93, The02, TV092, BVM90, WSS93, ASES15, BH86, CJA+19, CTT16, GK04, HKH03, LWWZ12, LS10, LJQ+19, LGK+12, MBS+12, NCB+17, QJ05, SS08, SS18, TLQS12, VO89, WLZ+18, XLL15, YCC05]. **drives** [GFPC14]. **DSDV** [BDF01]. **DSL** [MRJ+19]. **DSL-based** [MRJ+19]. **DSM** [BJS03, ISZBM99, NPP+02, Nik03]. **DSMs** [KG04]. **DSP** [FGP05, MKC01]. **DTN** [VV90]. **DTNs** [MPS16, Yan09]. **Dual** [ACCP12, LSXX14, XWC+08, ZW00, MAJJ05, WCC02, WL05]. dual-Hamiltonian-path-based [WCC02]. **Duane** [BS96c]. due [BS91]. **Duplex** [RS94]. **Duplication** [BA97, DA97, BKS05, BD05, STK11, TLL10, WCEA10]. **duplications** [SCJ+08]. **during** [VWH96]. **duty** [LDZ+17, LDZ+14]. duty-cycled [LDZ+17, LDZ+14]. **DV** [CSW+17]. **DV-Hop** [CSW+17]. **DVFS** [CG17, ECLV12, LSC+15, RTZ11]. **DVFS-based** [RTZ11]. **DVS** [ZHLQ12]. **DVS-enabled** [ZHLQ12]. **Dwarf** [DTK11a]. Dyn [WLN06]. **Dyn-MPI** [WLN06]. **Dynamic** [AGF94, ALL99, AAD10, ANEA13, Ano97j, BR95a, BJPPM+08, BPN90, BR02, CJ99a, CDAN14, Cyb89, DB11, DL01, FCC07, Fer95, FMP98, GP94, GM14b, HM01, HCC97, KKG01, KCSS18, KR10a, KVA18, KPC96, KC99a, KS97a, LHKL03, LPS+98, LL98, MAS+99, MD13,
MB19, MSd+95, MSSE02, Moh97, MNM98, NPP+02, NPVG+19, NPY+97, OOSVG+16, PHB96, QMCL94, RDS02, Ric98, RGVB00, RN04, San95, SHSH17, SZ00a, SLP+98, SSB98, SB97, SS17, SG96, TT10, TDP15, WCE97, WJD91, WLD02, XL92, XH93, ZLP97, ZA05, ZM94b, Aku04d, AKSZ19, BCV05, BBCQ13, BGLA03, BNP02, BB03, BCF14, BK08, CB+09, CSMML10, CW05, CPLY18, CGG+09, CDCD05, CKML12, CWD11, DLW+12, EE05, Fei03, FXW03, FLKB08, GÖÖ16, GCS06, GFPC14, GBA08, IC05, JBA15, KZ11, KMS07, KMS+06, LTB02, LGZ+10, LLY08.
dynamic [LC91b, LPX05a, Li10, LLY15, LS06, LFEP19, LLW12, MYYY17, MC91, MK08a, MCS14, Mit07, MML07, NDP13, NBL+18, NCT+07, NHO+13, PKN08, PKN10, PM05, PSPR05, PW17, QJ05, RK18, RCG18, SNMB16, SSM+16, SS06, SSS07, SZD07, SCK03, SLG06, SSlI+10, SZB16, TZ07, TW15, TH08, TMK+17, TT07, WW12, WXZ+18, XLC+18, YK04, YS11, ZXYO11, ZCS+18].
dynamic-warp [NHO+13].
Dynamically [JB98, KSS+07, PPP14, dSR00, SB84, GK15, Kep03, Lai86, MSV19, Mat06, ORWT+18].
Dynamics [ES96, JBL02, NPY+97, PAH+98, TSA97, AGMJ06, CvdBL+08, CDPS18, DAG+17, GBMZ07, LHWJ19, LGRV19, LYLO8, PARB14, PTK+13, WYTX13].
e-infrastructure [HPB+10]. E-ODMRP [OPG08]. e-payments [CSS11].
early-stopping [AMT13]. earthquake [KME09]. EB [SM92b].
EB-Equivalence [SM92b]. ECC [CL09, GCS06]. ECC-based [CL09].
ECG [ZAAB17]. ECHO [HASB16, SAL10]. EcliPSe [RS92d]. ecosystem [LZN19]. EDAs [MMAL+06, dGP06]. eddy [SM04]. EDF [dOCS14]. Edge [AMU+19, BGR96, BS97, GT97, HAC+19, HRH18, HBAD15, LSH96, TPS+18, TDM05, TPJ+19, WB01, WXZ+19, Ale19b, Ale19a, CLS5, DJT03, GDP08, JTC+18, KFCP18, LBT19, LYJ+19, Lin03, LWWQ18, MS19, MA19, PRN+19, SS03, Udd19, WZH+19, YWJ+18, ZCS+18, ZGW+19].
Edge-Coloring [LSH96, GDP08]. Edge-Disjoint [BGR96, WB01, TDM05, Lin03].
Edge-of-things [AMU+19]. edge/cloud [Ale19b, MA19]. Edges [HHC98, BKCM17, FPP+08].
editing [LHC19, RS90b]. editor [WW03, AB03b, Ano11l, Ano2g, Cas93, Che92, Cho93, Her92, Kri92, Lin93b, Pan09, Pra16, Sch90, Sto90]. Editor-in-Chief [Pra16].
Editorial [AS15, Ano94e, Ano95k, Ano96k, Ano99i, Ano02e, Ano02f, Ano18v, Ano18w, Ano18x, Ano1q, CGFH19, GHS94, GHS95, GHS96, GHS97, Hol17, Kau92, SLL18, DF12, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04p, Ano04q, Ano11a, Ano11b, Ano1c, Ano1d, Ano1e, Ano1f, Ano11g, Ano11h, Ano11i, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e,
Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i.

**Editorial** [Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18r, Ano18s, Ano18t, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v].

Editors [XO05, AP93, AL99, Ano01j, Ano01k, Ano16k, BD00, DOP98, ES97, GGB93, GC95, JW94, MC93, NT90, OW01, PN97a, PN97b, PA96, SH92a, TFV +15, BG90b, TY95, WC05].

Edu [PGKV18]. Edu-2016 [PGKV18].

Educating [LMB +17].

Education [APV18, BLZ +18, CVK +18b, Hua17, MBG +17, Nee17, NKSA17, NSDZ18].

**Effect** [ACD +93, IS06, BL05, JZ05]. **Effective**[Ano97k, BC01, GM96, HH97, KO11, LT96, MAR05, QM01, TC92, VH93, WLID02, YZS96, AMU +19, AM12a, BV13, BCK +13, Cza13, DJDK19, DK04, FZWL12, FWM +10, FI04, JLWX11, KWH13, LJQ +19, NML +19, NAK04, SNC12, WMY +17, YCH +10, ZJ06]. **Effectiveness** [GMM00, HKT +91, KS97a, LKK94, NRS95, MA11, TC03]. **Effects**[AMB95, DZDZ01, KB96b, ÚD96, CK88, HLS03, KG04, SPBR91].

**Efficiency** [EH01a, GG01, LiSB +18, AHG12, AG12, BC11, BYH +17, ESCV15, FRM15, FCP +15, GSWW04, HRM17, HJLR12, LB12, LHW +19, LZSL06, PB19, Ren11, SI86, SWHB17, SHC14, VETT18, YF09]. **Efficient** [AOSM04, AP94, AZC13, AKP95, AG86, AMK +07, BCO +12, BM16, BGH +03, BAGS95, BAH04, BRP03, BJK +96, BDH +97, BMIM07, CM04, CRK +09, CKK00, CCC92, CWP12, CN93, CS95c, DDNS06, EP90, EL97, FGG08, FBM05, GPT06a, Gao93, GR96, GCKM97, GM94b, GRS97, GP00, GKH96, GNW03, HQPT99, HH01, HSLL04, HASB16, HHC98, HB93, Hoo94, Hwa97, IR12, Ip92, JBS14, JB93, KPC06, KHS96, KK10, KLF97, KKB +06, KS13, KR11, KA97, KB92, LJ05, LHHH11, LDP +14, LJZ +19, LZWZ19, LY01, LW19, MD01, MLTD12, MB13, Mat93, MHC95, MS99b, NB93, NT93, NIR86, ND12, OS96a, OK01, OP96, Pad91, Par98, PA97, PP11, Pra93, RV13, RSS99, RSB96, Rao16, RMU14, Ric98, RJMC95, San02, SMP15, SW96, Sch13, SSGG18, SHC00, SMP17, Sin87, SWLZ17].

**Efficient** [SCLL10, TU92, TR96, Tur12, VB02, VBM90, WRC +02, WHT00, WCC18, XMN92, XLI18, YTH +19, YD98, YZLT09, ZB97, Zhu92, ZH07, ZHG +19, dSAJ15, AAIH17, AFA13, AR117, Ale19a, ACA +19, Ara13, AS19, BFH +17, BM11, BKC +15, BK13, BOY10, BR91a, Bi90, BBD18, BCK +13, BHK17, CWZ +18, CMR +18, CKN07, CP10b, CGW +03, CMN12, DPM10, ESGQ +11, EDH +17, FTM +19, GDCC18, GKS15, GT04, GLD06, GYP13, HSS10, HBSASA19, HS06, HRJ94, HS04, HZHS18, IEWK17, Jh87, KTP17, KVA18, KyLPC17, KHK18, Kol19, KL05, KSSK16, KA05, LK13, Lai14, LMZ04, LW16a, LLB +18, LS91, LSC +15, LR03b, LZY +18, LL18, LCJ +18,
LHP07, Lon04, LLDL15, LA06, LFEP19, MGSG12, MD07, MNR+19, MSF+13, MPS16, MPN17, MAHKZ12, MCP+18, NMS+18, NF16, Nic07, PPSV15, PVGG06, RM11, RLA+16, RLA+17, RFS+12, RT18. **Efficient** [RGAN18, SB12, SX08, SZMK13, SM08b, SJG19, Tam18, TLY12, TGPUC16, TMI+17, TLL+18, UBE10, VRS17, VAF19, WJ07, Wan07, WTC08a, WTC08b, WMW09, WLT16, WTW16, WHC+18, WIB12, WH17, WGCZ09, gWW18, XLC+18, XCC+19, XHZ+10, YSS11, YLB+15, ZCMY12, ZLL14, ZSCX18, ZB03, ZWWX16, ZLCZ18, ZHLQ12, ZTL17, ZHO03, LM09].

**Efficiently** [MT95, Coh90, CCM+06, FP03].

Effort [Bar05, MAM05, QGZP17].

EFS [MSK16].

EGEE [VPHML06].

Egress [MCAS12].

Eigenanalysis [TYA16].

Eigensolver [ABGV11].

Eigenvalue [Kau94, LYL08].

Eigenvalues [VGAB08, ZB03].

Eisenstein [HBAD15, HS17].

Elastic [FGG17].

Elasticity [LHNBB19, MMVL11].

Elderly [HRM17].

Electing [SK94].

Election [AS96, KB96a, DLV11, DGDF10, FKK+04, KGN89, Pel90, SS05].

Elections [FM96].

Electric [IWM97, AK18, AKSZ19].

Electrical [MO97].

Electricity [TLL+18].

Electrophysiological [HES11].

Element [BCV94, CSSY94, PPT+10, FC14, KME09, Ren11].

Elementary [FK89].

Elements [GB93, KNS91].

Eleven [BSB+01].

Eliminating [DR98].

Elimination [BPST96, BMM97, CS95b, Cap87, ESGQ11, KA91, Vel89].

Elimination-Based [CS95b].

Elliptic [PSE+01, BGH+03, SKH15].

ELLPACK [ZGG+14].

ELLPACK-based [ZGG+14].

ELM [CLOL17].

EM-4 [BAM93].

EM-KDE [EHL+15].

embed [SKK91].

Embedded [WA02, BM17a, CNLRL18, CKLCK04, CKLCK05, CRJ10b, DQR+09, FWM+10, GZG+17, GSWW04, HLL+19, KRO6, LLLC15, LCB16, MBR08, MRRK14, NL19, PRHB06, XLL15, XLP19, YZX11, FWM+10].

Embedded-TM [FWM+10].

Embedding [ANS97, Am94, AM93, BL89, CCCM96, CS95a, Efc91, Efc96, HKMU98, HJ90c, LSC00, LPS+98, Lin03, NPI+96, PW16, PM92, QM01, RWW+93, SHL95, SLP+98, TTB99, TLW94, TL96, Var91, Wag99, Wag93, Wag94, Wan01a, Wu85, WFL98, BG90a, CRHC19, FLPJ07, FT04, LFZ+17, PW17, YLZ18].

Embeddings [GH93, HM01, HOS94, KCK98, MT93a, OD95a, CL91a, GNV03, LLFJ18, YTH07], emergency [HPB+10].

Emerging [Agn02v, BKC+15, KHT+14].

Emitter [FPM+14].

Emitter-coupled [FPM+14].

Empirical [FTC00, LR93, LGK+12, NXX17, XZS96].

Employing [AGM06, PKW+10], empty [Ded90].

Emulating [KMS10].

Emulation [JH94, PRW94, LST17].

Emulations [RGO3].

Enabled [MWL00, CL15, CCN06, GQZ18, GRJ+15, HTB19, KTF03, LMX18, NML+19, SLZ+19, TQD18, XZMR18, ZHLQ12].

Enabling [ETS14, FCG+14, Jkie13, SP08, SA19, TT10, ZPI06, ZCF+17, DkKV15, HRH18].

Encoded [JH94, CLV95].

Encoders [TLL+18].

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

encrypted [LZWX19, SWW+17, ZHT16].

encryption [WXMZ19, WCCH18, ZAAB17].
End [Ano08, Ano09, Ano10a, Ano10b, Ano11j, Ano11k, Ano12m, Ano12n, Ano14f, Ano14g, Ano15k, ZLCJ12, CF19, CXQ+18, FGP05, GBMZ07, HPSM91, ORWT+18, RSVW19, WG11, XLL15]. end-systems [GBMZ07].
End-to-end [ZLCJ12, RSVW19, WG11, XLL15]. enDebug [CV16].
endpoint [Hsi04]. endurance [WCWO17]. Energy [ACA+19, AKSZ19, ALF03, BOY10, BYH+17, DKKM10, DKY01, FWM+10, GZQ18, GYP13, KR12, LK13, LBMG15, LL10, LW16a, L minimal, LNAL17, LSC+15, LR03b, LY13, MGS12, MTL+18a, NMS+18, PLR07, QSL+08, RM11, SP13, SSGZ13, WHC+18, WH17, WH18, WH18, ZLS18, ZZJ].
Energy-aware [GQZ18, LBMG15, LNAL17, LY13, FCJG+18, LR14, LLCZ19, MMK+11].
energy-constrained [JZZ+17, KSI04]. Energy-efficient [DKM10, GYP13, LK13, LW16a, MGS12, NMS+18, WHC+18, WH17, XHZ+10, GDC18, GTN+06, GL12, GYP19, HRK+19, HP60, HRM17, JZZ+17, JZF+15, KR10a, KSI04, KyLPC17, KCR14, KSSK16, LR14, LCW05, LL12b, LLCZ19, Li19b, LZC11, LLLD15, LC16, LFP19, MNR+19, NS12, OMT+17, PCMM+17, PB19, RWB+13, RLA+17, RFS+12, RT18, RTZ11, TL12, UMM+18, VRGS17, WMW09, WLST16, gWW18, XS11, XLPL19, YL12, YZS15, YAK15, ZW11, ZWY+15, ZWXX16, ZLC18, ZHLQ12, MSK+16]. Energy-Friendly [MSK+16].
energy-performance [ECLV12]. energy/power [OMT+17].
energy/power-aware [OMT+17]. ENF [CK97]. Enforcing [KMF+05, Kub17]. Engine [KSL85, RUn92, HVW16, XTN12, SD88b, XP10].
engineer [GS18]. Engineering [LWR+03, BCD+15, CCE+17, Gai87, Nee17, PRHB06]. Engines [SD00].
Enhance [WLID02, DZC17]. Enhanced [BOSW94, MD13, OPG08, OS96b, OS98, RK18, LLLD15, dOBG+15]. EnhancedBit [ARD14]. Enhancement [KJ84, TC92, DK04, KS18, NGQM12, RH05, RM90, TBG+17].
enhancements [ESGQ18, LUI4]. Enhancing [AYIE98, CGN+13, CRA+08, GRR13, HLR14, dAMFDs13, MH18, OM10, QGZ17, VEIT18, CCHC09, JBY+05, VA03, WX10]. ensemble [KBC19, S18]. Ensuring [JF95]. entangled [EAB+19]. enterprise [BJJPM+08, CCEB03, GSASA19, LSH+13]. entities [Ahu90]. entity [MPN17]. Entropia [CCEB03]. Entropy [TV092, VO89, DFHH13, WMW09]. Entropy-Driven [TV092].
enumeration [SSTP09, SR90, WCH+17]. envelope [GC07]. Envelopes [BMRC98]. Environment [AT94, AD95, ALL99, AA95, BB93, CP97, CLZ10, CSML10, CCRS92, CHR94, CB96, DKB10, DRSB01, GYAB11, KZ96, KC99b, LC90b, LSH+97, L99, MFB93, R92b, RSD94, SG93, SRGB90, SSO0, WH97, ZL93, AOS+05, AKSZ19, Ben19, BLZ+18, CK88, CCE06, JLX11, KVHS07, KSS+07, KK10, LLLY08, LL18, MYYY17, MAR05, MLK12,
MML07, PST+19, SSKS11, SSM+06, VD18, WD13.

**Environment-conscious** [GYAB11]. **Environments**

[CTD99, CLRW00, CP99, KR96, KB97, KER01, LTH97, PRS97, PRG88, SSK96, WSRM97, WAS+94, ATZ07, BAL05, BPA06, BH05, BSMH08, CF19, CPJ+19, CTKA17, CLE90, DBC03, DWX10, ECP+18, ECLV12, FRM15, FCJG+18, FMIF18, JS66, KV10, KAS07, KLI+11, KCFP18, Ksh12, LX91, LSH+13, LWR+03, LML+10, LSWC14, MSRB19, MK08a, NPS+19, NP09, PP06, SJ12, SZB16, SL10, SJS11, TZH11, TG03, WMES12, WG11, YT05, YCE05, YWG15, ZLWZ18]. **Ephemeral** [AGMS16].

**Ephemeral epidemiological** [Rao16]. **Epidemic** [AHZ11, LpJS+13]. **Epidemic** [RSF+13]. **Epidemiological** [Rao16].

**EPLS** [CLC+17]. **EPOCHS** [PBS08]. **EPPOD** [WH97]. **EPSILON** [GH90]. **EPSILON-2** [GH90].

**Equal** [ST85]. **Equation** [DM90a, RW01, Gao86, JGMY17, LYL08, WJ14]. **Equation** [IK94, MV94, PSE+01, QOvdG01, TH02, CM03, GGR89, GS91b, SPH13, Ter16]. **Equivalence** [OO85, CM04, SM92b]. **Equivalence** [ES12].

**Estimation** [DP90a, RW01, Gao86, JGMY17, LYL08, WJ14]. **Estimation** [IK94, MV94, PSE+01, QOvdG01, TH02, CM03, GGR89, GS91b, SPH13, Ter16]. **Evaluation** [ATM01, BPJ92, BS92, BCD00, BM95, CT93, CEF+95, CP01, CP04b, CP91, DT01, FR96a, FTC00, GGD93, GS96, GS00, HJ90b, HN91, yHY97, JB93, KCDZ95, LLS93, LLY93, LP96b, MT95, MS85, MKC01, MB92, MJ01, NBB98, PEC95, PTC+95, RCB93, RNSB96, RKK97, SM92a, SDS99, SOG94, THBF97, TH02, VB90, ASH01, AMSA19, AB13, Bat05, CTKA17, CkLC05, CkLCK05, CC96, CB11, dADC18, DR19, DMS+16, DM88, GRV08, GE85, GS91a, HW03, HBS17, HTB19, LL90, LZY11, LNW+12, MS88, MVB05, MGRRK14, PMCC18, Sch89b, SW90, SA11, Sol13, SE15, WL90, WLZ+18, XQ07, XWC+08, YL12]. **Evaluating** [MS87, MP88]. **Evasion** [YpGyLlC13].

**Event-based** [ECP+18]. **Events** [Yen01, PQ19]. **Eventually** [LFA05].

**Everything** [CCM+06, NPS+19]. **Everything-shared** [CCM+06]. **EvoDeep** [MLCFH+18]. **Evolution** [CDD+19, JM00, RBB17, HWY+10, Li10, Ngo06, SV18, WRW13].
Evolutionary [Ano99g, MSSE02, Sds97, SS97, YLZW18, ZO97, AC89, BH05, COF+17, GB06, HD10, MLCFH+18, RPN19, SCS+08, Tal19].
evolvable [KKKP12]. Evolving [GR96, OH02].
Examples [FK89]. exascale [APV18, CCAAS19, RPS19]. Exchange [VB94, WS97b, XL92, XL95, CMR+18, Dim04, ECP+18, HSW04, NKK16, PW16].
Exchanging [GPT06b]. exclusion [AE95, Cha94, Cha96, FTC00, GBRG93, KY02, KUFM02, NTA96, NM02, Sin93, YZY96, AK07, Ara13, BAS06, CW05, CH06a, CB06, DGFGK05, Gos90, LASS15, MM07c, NTN12, RDA18].
exclusive [DMI+19, WW18a]. executed [SP90]. executing [AKSM08, CDJ+89, QJ05, Sol13]. Execution [CCC90, Cont93, DD95, Gup92, GPHS96, HS86, LAS+97, LTIK05, Mah95, MM93, Mer96, Min91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSBN01, SCMB90, SA93, Sun02, WB96, ARM+05, Bic90, CC87, CWCW18, DeG88, DKRI09, ESCV15, FCC07, GYY+14, GK04, LFS16, LR14, LPP+10, Li19b, MSM09, MTL+18b, PP13, PSB+19, uRIL+18, RG06, SS06, WSL+16, dKG+10]. executions [LMCF90, FCP+15, KVNV17, RV13].
Expected [Ros99, CLL09, SSS88, SC91a]. expected-time [CLL09]. Execution [CCC90, Cont93, DD95, Gup92, GPHS96, HS86, LAS+97, LTIK05, Mah95, MM93, Mer96, Min91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSBN01, SCMB90, SA93, Sun02, WB96, ARM+05, Bic90, CC87, CWCW18, DeG88, DKRI09, ESCV15, FCC07, GYY+14, GK04, LFS16, LR14, LPP+10, Li19b, MSM09, MTL+18b, PP13, PSB+19, uRIL+18, RG06, SS06, WSL+16, dKG+10]. executions [LMCF90, FCP+15, KVNV17, RV13].
Expected [Ros99, CLL09, SSS88, SC91a]. expected-time [CLL09].

Failure [AAI+15, FCF00, Fu10, JAB12, BKMT14, DGFK05, FX10, HK05, JKIE13, KV10, LGZ+10, LFA05, MFVP08, PCLP16, YF07, YHWY18b, JKIE13].

Failure-aware [Fu10, JAB12]. Failures [ADS01, DT02, VR94, VR95, DGDF10, GPT06a, HRC09, LY10, MR09, RLH03, SCMS12].

Fair [AAI+15, FCF00, Fu10, JAB12, BKMT14, DGFK05, FX10, HK05, JKIE13, KV10, LGZ+10, LFA05, MFVP08, PCLP16, YF07, YHWY18b, JKIE13].

Fair-share [KNHH18].\[Fair\] [AAI+15, FCF00, Fu10, JAB12]. Failures [ADS01, DT02, VR94, VR95, DGDF10, GPT06a, HRC09, LY10, MR09, RLH03, SCMS12].

Fairness [Ara13, SHC14, ZLCJ12]. Faster [BMM07, GS00a, LS05, CM03]. Fat [Zah12, CI03, CS06b, ESGQ+11, ESGQ+14, SK05b, YMLP14]. Fat-tree [Zah12, SK05b]. Fat-trees [ESGQ+11, ESGQ+14, YMLP14].

Fault [AE95, AM97a, Am95, ABBD14, BX09, BS97, BMM97, BW95b, BKMT14, BPA06, BCH95b, CLMRL15, CRV94, CL93, CKN07, CY95, CC94, CDR09b, CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LG08, LC09, MD01, MMR98, MP917b, Pak89, PB95, Pin01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95, WIK97, WW97, Wu04, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZY009, AA14, AA16, ANEA13, AOS05, ARV14, BB87, BJ15, BDDL09, BP05, CL91a, CW09, CWL+07, CDR09a, CTM92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLPJ07, FZ90, FABG+19, JBS14, KG10, LCC+05, LHL14, LH05, LFGM17, LAC18, LP88, MSEM+19, PD19, PR06, PL06, PAS15, TCH12, ZV09b, ZJ06]. Fault-Detection [CY95]. Fault-Induced [WIK97]. Fault-Sensitive [VR95]. fault-tolerance [BJ15].

Fault-Tolerant [AE95, AM97a, Am95, ABBD14, BX09, BS97, BMM97, BW95b, BKMT14, BPA06, BCH95b, CLMRL15, CRV94, CL93, CKN07, CY95, CC94, CDR09b, CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LG08, LC09, MD01, MMR98, MP917b, Pak89, PB95, Pin01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95, WIK97, WW97, Wu04, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZY009, AA14, AA16, ANEA13, AOS05, ARV14, BB87, BJ15, BDDL09, BP05, CL91a, CW09, CWL+07, CDR09a, CTM92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLPJ07, FZ90, FABG+19, JBS14, KG10, LCC+05, LHL14, LH05, LFGM17, LAC18, LP88, MSEM+19, PD19, PR06, PL06, PAS15, TCH12, ZV09b, ZJ06]. Faults [LT96, WFL98, CP17, ISM07, LLFJ18, PMHM19]. Faulty [GP97, HIKM94, NSLK99, Pel95, RS96a, Tse95, TL96, W01a, Wu02].
YTR94, oPP00, Che05, DD96, PK04b, SKK91, YTH07. FCFS [Ara13].
FDM [ORR03]. FDM/FEM [ORR03]. FDTD [SS11]. feasibility
[MAKWZ13, RB12]. Feasible [ESGQ’18], feature
[CLC+17, DKC14, LLS+16, PLSM18, PFJ04]. features
[CGC16, LMXJ18, dAT17]. federate [CTCX08]. federated
[SJB12, TODQ18]. federated-IoT-enabled [TODQ18]. federation
[CTC’10]. Feedback [MTM10, HWL18]. Feedback-directed [MTM10].
FEM [ORR03]. fetch [AK07]. fetch-and- [AK07]. few [Sch14]. FFT
[ABZ95, DMK19, HR92a, JMS86, JGMY17, RKK97, Tay87, VAF19, WJ14].
FDTD [SS11]. feasibility [MAKWZ13, RB12]. Feasible [ESGQ’18], feature
[CLC+17, DKC14, LLS+16, PLSM18, PFJ04]. features
[CGC16, LMXJ18, dAT17]. federate [CTCX08]. federated
[SJB12, TODQ18]. federated-IoT-enabled [TODQ18]. federation
[CTC’10]. Feedback [MTM10, HWL18]. Feedback-directed [MTM10].
FEM [ORR03]. fetch [AK07]. fetch-and- [AK07]. few [Sch14]. FFT
[ABZ95, DMK19, HR92a, JMS86, JGMY17, RKK97, Tay87, VAF19, WJ14].
FDTD [SS11]. feasibility [MAKWZ13, RB12]. Feasible [ESGQ’18], feature
[CLC+17, DKC14, LLS+16, PLSM18, PFJ04]. features
[CGC16, LMXJ18, dAT17]. federate [CTCX08]. federated
[SJB12, TODQ18]. federated-IoT-enabled [TODQ18]. federation
[CTC’10]. Feedback [MTM10, HWL18]. Feedback-directed [MTM10].
FEM [ORR03]. fetch [AK07]. fetch-and- [AK07]. few [Sch14]. FFT
[ABZ95, DMK19, HR92a, JMS86, JGMY17, RKK97, Tay87, VAF19, WJ14].
flow-level [NPE + 19]. flow-time [TBZB05]. flows [SM89b, VBDRC13].
flowshop [CB11]. flowtime [LZ05]. fluid [AGMJ06, LGRV19].
fluids [JdSJC + 15]. flush [CK06]. FluteDB [LLB + 18]. Flux [Ull84]. FM
[LC97]. FMM [LPLFMC + 12]. FOCAN [NPS + 19]. focus [DSEP17].
focusing [FSP18]. Fog [NPE + 19, NML + 19, JHL + 18, WML + 18, SZR + 18, MSRB19].
fog-based [WML + 18]. Folded [Wan01a, Lai14, Lai17, SGR03]. folding [LYL08].
Food [CXX + 18]. footprint [MSV19]. foraged [LYL08]. food [CXX + 18]. forecasting [TLL + 18].
forest [BC06]. ForestLayer [ZHG + 19]. forests [ZHG + 19]. form [NCB + 17].
Formal [AS00, LSCA93, Ben19, Eri88, SHSH17]. formalism [MBO11, PK05c, PSPR05].
Formalization [BFL + 13]. format [ZGG + 14]. Formulation [Wu02, KSK15, YZS15].
Forms [TR96, WNA + 94]. Forecasting [RHH96]. forecasting [TLL + 18].
forest [BC06]. ForestLayer [ZHG + 19]. forests [ZHG + 19]. form [NCB + 17].
Foundations [BFL + 13]. four [FZ90]. Fourier [CVK + 18a, LLCL98, DPRW85, HN91, TS91].
FP [WB94]. FPGA [CNLGR18, CS17, CGFH19, HBS17, IHH + 17, KG19, MH18, NV19, NSKN17,
PD19, Pet18, SA11, TYA16, TOR + 14, WLCZ15, WIR + 18]. FPGA-based [HBS17, IHH + 17, NSKN17, WIR + 18].
FPGAs [AD12, LdSB + 18, MC17, MSSE02, NMS + 18, WD18]. FR [GS01b]. Fractal
[ASKTZ13, LS06, NST19]. Fraction [GP97]. fractions [CR91]. fragment
[ZZY09]. frame [SCG10]. Frames [LNA12]. Framework
[AGG98, CLRW00, EMP + 96, GHSJ96, KZ96, KK95, LAZC00, Sin95, ZM94b, AAA + 15, AMU + 19, Amm16, AM12a, AC16, AK06, BK13, BA06, BCFF05,
BMT12, BGM + 08, BJ8, CCAAS19, CCA18, CCC + 04, CF19, CV16, CHX + 17, CDPS18, DV13, DMB + 03, FGM + 03, GRD05, GM13, GPFC14,
HSH10, HDT + 05, HRM17, HRH18, KTP17, KKS + 12, KL05, KBC + 10, LV15, LS06, MCM + 11, MJ03, Men18, MBR19, NLB + 18, NPE + 19, PAL11,
PAG + 18, RB11, RGD03, RW02, ROB + 18, SAL10, SMH + 14, Sgd1S13,
TZH + 06, TLW18, VS18, WTWZ16, WHW + 17, WXZ + 18, WMG13, YT05,
YLB + 15, ZGW + 19, dAT17]. Frameworks
[KRS13, KRS14, DAB + 14, LHNBB19, uRRL + 18, UMM + 18, ZKF18]. Fraud
[BST01]. Free [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97,
L92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, ACH18, CB06,
DFP06a, Dav17, FKKR16, FLM + 19, HV09, HSY10, HA06, JBS14, KH12,
LASS15, LWW18, MYM10, MBMC19, MK16, Pen11, SD91, SsdLB + 10,

frequencies [LdSB+18]. frequency [MYD+11, RTZ11]. Frequent [AAP01, LT10, YZG18, BMLLC+19]. Frequently [LL95].
frequencies [LdSB+18]. frequency [MYD+11, RTZ11]. Frequent [AAP01, LT10, YZG18, BMLLC+19]. Frequently [LL95].

frequencies [LdSB+18]. frequency [MYD+11, RTZ11]. Frequent [AAP01, LT10, YZG18, BMLLC+19]. Frequently [LL95].
generals [CBV08]. generated [MTM10]. Generating [AAK+13, AMS94, Bec96, CGL+95, CJ07, GHSJ96, SS96, SCMH13, SOG94, TH02, Wri91].

Generation
[ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a, NC97, RGS00, RNSB96, SSHC00, ABC+09a, ABC+09b, AFM09, Arh89, BCK+13, FK89, FLM+19, Gao89, GNZ18, GMXA07, HPB+10, HZZ+19, LK13, LC92, Meg91, NAB+11, ORWT+18, RKK06, SB04, Trä09, Zsa16].

Generation [ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a, NC97, RGS00, RNSB96, SSHC00, ABC+09a, ABC+09b, AFM09, Arh89, BCK+13, FK89, FLM+19, Gao89, GNZ18, GMXA07, HPB+10, HZZ+19, LK13, LC92, Meg91, NAB+11, ORWT+18, RKK06, SB04, Trä09, Zsa16].

generator [KCP19, Pet18, WSG91].

Generators [Alu97, Bro96, PK89].

Generic [PA01, AK07, Ben19, GM91].

Genetic [ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02, WLID02, AL04, ALM+16, ANEA13, AB13, BˇCFF05, DK11, HSSM07, KM03, LA04, LFEP19, PKN10].

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

genomes [KESA07, SPRG+12]. genomic [HLS03]. genre [WIR+18].

geocast [CL03a]. Geographic [AD10, LAGK07, SJS11]. Geographical [PFJ04].

geographically [ZWI03]. Geometric [Abr96, BMRC99, CDRC99, GM96, KV88, WPPK94, AG86, CMN12, KK06, LZW19, MRS+14, MPR19, TSFZ14].

Geometric-Decaying [GM96].

Geometry [DRC90, QGZP19, WZY+19]. Geomulticast [AP03]. GET [HLS12]. GET/PUT [HLS12].

GF [KA91]. GHSOM [IZ12].

Gigabit [HcF05]. given [DDNS06].

Global [BLPV95, KCRB99, LWY97, LA93, MT95, MI92, Mat93, OK2, Par96, TG97, Van94, WT09, Yen01, AY89, Car90, CK08, DK04, GJG88, GVBB13, JLM08, Lm90, MS15, SK89a, VB08, WWW17a, Zah12, ZLWZ18, dOCS14, YQTV12].

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

Glaness [RFPAG08]. GMA [ZFS07]. GMAC [GZMC08].

Gnutella [BAL05]. go [PL03a]. Goal [CJ17, XLPL19]. Goal-based [CJ17].

goals [TdAR18].

Godson [PTK+13]. Godson-T [PTK+13].

Golgi [FTM+19].

GOM [YLB+15].

GOM-Hadoop [YLB+15].

Good [BEE00, DP99, SK94].

Google [DKC14].

Goscinski [BCC95].

Gossip [FCML13, AS18, FM07, LT10, WWW17a].

Gossip-based [FCML13].

Gossipp [FA97, GRV97, SG08]. gossippings [KLC05].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GP [DFST13, KZ19, OGR+12, SJVRVVS19, WMG13, YPCW16].

GPU [YJL16, ARP18, BCMV15, BDRB14, BFKW13, BMS19, BHS13, CDD+19, CSL15, CMMT13, CRHC19, CMR19, CW15, DV13, DBA+18, DFHH13, DCA+15, Eme13, FSV14, FSV17, GMMP12, GLW14, GKS15, GMS+13, GRS19, GIK9, HVW16, IH16, JGMY17, JdSJC+15, KP17, KAA+19a, KKN13, KCP19, KCl7, LR14, LLKY13, LST+13, LW19, LPLFM+12, LFEP19, MB13, MRT18, NFHL13, PV19, PDP17, PDB13, RV13, RS19, Ren11, RMU14, ROB+18, RRS+08, Sch13, SS11, SCMH13, SDG17, SA08, SK16, SDG08, TH11, TSD08, TRS+12, TYA16, VBDRC13, VL18, WLL16, WDL13, WH17, XLH18, YLL17, ZMCP11, ZHI15, ZWQ+16, dSAJ15, dMS18].

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, BCK+13, COV13, CGN+13, DP16, GOH+13, IBP08, JM15, LMGLGLG17, LJŽ+19, LW16b, LV15, MLW+19, MBW16, NSKN17, NHO+13, PVR17, RGU08, SHT+08, TH13, ZSW14, ZGG+14].

Graceful [AA14].

Gradual [BBR94, CGA98, LH92, RCB93].

Gradient [ARP18].

Graph-Based [CHGM01].

Graph [Ay93, CCM01, CHGM01, GP96, HJ90c, Kar95, KK98b, KC98, KA99, Lat95, MJ94, OSZ98, RW97, RWY93, RSL96, SAOKMA02, TV97, TLW94, WCE97, ZW00, AK19, BKC+15, BDQ86, BCK+13, BM08, CM03, CSJ+13, DeG88, DCA+15, FLM+19, GHC+17, HLM+90, KSSG14, LK15, MPZ09, MMS09, NTK17, PV19, PK07, PS14, RGAN18, Ros91, SSK+15, SW91, SGR03, SMT15, WCC02, WCH+17, YFBY17, ZCS+18, ZNQ93].

Graph-Based [CHGM01].

Graph-partitioning [GHC+17, SW91].

graphene [KRM14].

graphene-CMOS [KRM14].

graphical [CMT93].

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

Graphs [ANS97, AKPT99, AS96, AKP95, BS97, BP98, CP98, CA95a, CDF01, DDD98, DS84, DH94, EMM94, FA95, GY92, GS98, GSG+93, GS99, HOS94, IZ95, JR95, JSS92, KK98a, KW02, KA97, OS97, PRW94, Par98, RDL95, TL96, VB96, WIK97, WLD00, AAK+13, ANP07, BC06, BK05, BD05, BCF14, BKC17, CP04a, CDDL10, CDS10, DM17, FT04, GKL10, Hsi04, HS03, JPD17, Lin03, Lo92, LKB+15, MHPR05, MSZ05, MPR19, NCA+12, Nik04, PD05, PK04b, SS03, STMZ18, SP90, TBG+17, Ten16, TSF14, WW17a].

Grasping [KR17].

Gray-to-binary [HRJ94].

Greater [KF90b].

Greedy [KNS06, BGM+08, HDJ08, KHW13, LLS07, STMZ18, Cho90, dOBB+15].

Green [DAPR18, AG12, BFH+17, WCL+13].

Greex [BK13].

Grey [FGL+11].

Grid [AKPT99, BR02, BAK+03, Hua17, MD13, SDG08, TF01, AAH17, Ben19, CP10b, CCEB03, CGW+03, EI07, FGZ03, JdsJ15, KRKS11, KV10, LBE03, LFH+03, LL12a, LLWC17, LB09, MC03, PF04, SMB10, SZL10, TLQ12, VD04, WH17, ZV09b, dKG+10, AOS+05, ABCM07, BAS06, CS06a, CTT08, CCN06, DBC03, DW12, EDÖ05, GBA08, KTF03, KVH07, KKS08,
LCC^+05, LSH^+13, LLLY08, Li05, LL07, LTIK05, LS10, LR05, MCT06, 
RAB08, SJZ12, SV08, SAOKZ05a, SAOKZ05b, SXZ06, SSM^+06, SFEF06, 
TYH09, TMM06, TD07, VPHML06, WS06, YT05, YWD08]. **grid-aware** 
[FGZ03]. **Grid-Based** [BR02, CP10b, VD04, KKS08, GBA08, LLLY08].

**Grid-computing** [BAK^+03, SAOKZ05a, SAOKZ05b]. **Grid-enabled** 
[KTF03]. **GridBench** [TD07]. **gridding** [GOH^+13]. **gridding-accelerated** 
[GOH^+13]. **Grids** [CCCM96, HKMU98, HOS94, ACFK07, ARDQ18, BMT12, 
DJK11, GVBB13, GRDB05, GM14b, JV09, LKS14, LL10, IWK^+19, Mit07, 
PHS04, SMO14, YZS15, AAD10, ABCM07, GTN^+06, GJA08, Ngo06, 
SNCP12, T206, VB08, WW03, WLL08]. **grooming** [FMM^+08, WG08, WCL^+13]. 
**Grøstl** [ABO^+17]. **ground** [BFKP04]. **Group** [CWZ^+18, KKLJ14, LLW12, 
RGB00, CJDC10, CHC05, Dim91, EDH^+17, LC14b, LHT08, dAMFdS13, 
MM07c, TC13, X005]. **Group-based** [CWZ^+18, KKLJ14, TC13]. **group-shared** 
[LHT08]. **Grouping** [CWP98]. **Groups** [Olu87, WLD00, ARDQ18, CHC05, 
GCS06, LKM12, MS05, Ros89, WLZ^+18]. **Growing** [CRFS94, WLR90, IZ12, 
MGG03, OGRV^+12]. **growth** [WCKD06]. **GSM** [TM06]. **GSPN** [CCM92, 
CCM01, SM92b]. **guarantee** [JM14, MZZC12]. **guaranteed** [HWWH08, 
LNA12, LNAL17, NGQM12, PY09a, WCWO17]. **Guaranteeing** [Sch91]. 
**Guarantees** [MS00, OY00, ESCV15]. **Guessing** [DKY01]. **Guest** 
[CGFH19, WW03, AP93, AL99, AB03b, Ano01j, Ano01k, Ano02g, 
Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95, 
Her92, JW94, Kri92, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, 
PA96, Sch90, SH92a, Ste90, TFV^+15, BG90b, TY95, WC05]. **Guidelines** 
[Ano00d, Ros99].

h [CP04a]. **HA03094L** [Ano04e]. **Hadoop** 
[FRM15, GYY^+14, HWL18, HWLR14, MNR^+19, YLB^+15]. **Half** [RS94].

**Half-Duplex** [RS94]. **Hamiltonian** 
[DP98, Hsi04, HBAD15, LSC00, LLFJ18, Nik04, Wan01a, WCC02, YTH07].

**Hamiltonicity** [HTHH02, Ste17]. **handheld** [WL04]. **handle** [RK18].

**Handling** [BW09, CVJ09, SYG92, KVA18, KV10, LNW^+12]. **Handoff** 
[SK05a, FCZ^+12, ZBR11]. **Happened** [HCR12]. **Happened-Before** 
[HCR12]. **happy** [KSSK16]. **Hard** [DJK98, GFPC14, BRR01]. **Hardware** 
[BK18, CRB19, DGNW13, GS00, MD01, MCAS12, RPS93, SCC^+06, SHA17, 
TF92, The02, TH08, VH93, Zsa16, ABC^+09a, AF06, ABO^+17, BDM18, 
BJ03, CDD^+19, CV16, CGC16, CP17, CM12, EAB^+19, FWM^+10, GKS15, 
GVA^+08, HDJ08, Hus17, JJ12, KDO^+13, KC17, LMSK18, MTM10, MCS^+19, 
Nik03, NAK04, PVG09, PAG^+18, QGZP17, QGZP19, SV18].

**Hardware-accelerated** [DGNW13, Zsa16]. **Hardware-Efficient** [MD01]. 
**hardware-entangled** [EAB^+19]. **hardware-generated** [MTM10].

**Hardware-Only** [GS00]. **hardware-software** [CV16]. 
**Hardware/software** [SCC^+06]. **hardwares** [SKH15]. **Hardwired** [DM88].
harmony [ES12]. HARNESS [MSS00]. Harnessing [MTL+18b, VPHML06]. HARP [SSB98]. harvest [WS06]. harvesting [RB12]. Hash [LACJ18, SX08, TT10, ABO+17, HKW05, SRT+18, TC04]. Hash-based [SX08]. hashed [HSMB91]. Hashing [WPKK94, YB95, BMMLC+19, HDMC11]. Haste [JXZ+19]. having [BSMH08]. Hawkeye [ZFS07]. Hazards [AGG98]. HBS [CK13]. HCL [Pfe90]. HD [GB11]. HDL [DSEP17]. Head [ESGQ+11]. Head-of-Line [ESGQ+11]. health [ZAAB17]. healthcare [AMU+19, SMW18, Udd19, VS18]. Heap [DP98, ZK94]. heat [LE19, LGG08]. Height [LP96a]. Height-Limited [LP96a]. Helary [Ano96l]. Help [IR12]. helper [DKRI09]. helping [ACH18]. herd [KS18]. Hereditary [CDF01, Hsi04]. Heterogeneity [Las12, Las13, XLL15, BKS05, CL03b, KWZ19, TC04]. Heterogeneity-driven [XLL15]. Heterogeneous [ANT02, Ano97k, BSS97, BPR99, BSBB+01, CP97, CA94, CEFS+95, DARA02, DBP94, EKNS17, HS94b, HC97, KL01a, KRM14, LAS+97, LHHB+01, MAS+99, Msd+95, MP96, NRS95, NDZ99, PP92, SC91b, WR97, WSRM97, WMC+18, Wou99, YZ96, ALM+16, AAD10, Ammi16, ALF03, BKC+15, BD05, BCFF05, BR08, BRP03, BKCMI17, BEN12, BH05, BSMH08, BSS+13, CSW08, CCK+08, CCK11, CDR09b, CGW+03, CJ17, DK08, DK11, DO66, FMR05, GQZ18, GRV08, GNT04, GZY14a, GWWL94, GMX94, GAOGH17, HLL+19, Huns17, JST12, KG19, KH17, KUA07, KyLP17, KSG13, KSS+07, KAS07, KN18a, KN18b, KMS+06, KL13, IWC+18, LR06, LLL06, LLY+13, LGRV19, LMR05, LLD+12, LLY15, LNAL17, LLCZ19, LPX05b, LV15, LE19, LGFM17, LLL07, LXXZ13, MGS12, MCS+19, MVB05, MTS90, NDP13, NFHL13, ND12, NP09, OPR18, OJP+18, PKN08]. Heterogeneous [PKN10, PP13, Ptw+19, PTA08, Pla08, QJ05, QGL+09, REK10a, REK10b, RGAN18, RN04, SSF11, SSM+16, SLV19, SS11, SX08, SCS+08, SCMS12, SSMK13, SLM+13, SMM+06, SPPA19, TLL10, TLFMS15, TG03, UKIO16, VLF18, WVB13, WQL14, WTWZ16, WSG91, WJ12, WG11, WYTX13, WJ14, XLL13, XLP+19, YLL17, YH07, ZMG+16, ZTFK16, ZLWZ18, ZGW+19, ZSCX18, ZHLQ12, VAF19, VBF13, VFAD17]. HeteroMPI [LR06]. Heuristic [BA92, DDD98, EHMNN95, KLZ97, XHN93, DK11, HS06, KJD03, KKS+12, PKN10, PM05, SWP90, VB08, YFBY17]. Heuristic-genetic [DK11]. Heuristics [BSB+01, YG92, GJP96, IAS+92, KUA07, TSC01, AKSM08, JST12, KA08, LLS07, ZHO03]. Heuristics-based [KA08]. HEVC [Lal17]. Hexagonal [GSSS03]. HHN [YP96]. HiCOO [YQTV12]. hidden [HB11]. Hiding [HF02, WL92]. Hierarchical [AGF94, Buc92, BM95, CAB94, FR96a, HR92b, HR92a, yHY97, KZ96, LLJ00a, MS00, MD13, OM90, SHT+95, TM06, TJ92, Tan84, TW89, TTH12, VSIR91, WHT00, YQTV12, YP96, AHH17, AGMS04, BJS18, BMT12, BAS06, CKO04, DE91, DR19, DM04, EDH+17, GHY10, IZ12, LK13, LTL06, RH05, RR05, SS05, TLQ12, WCWO17, WLL08, ZZ90, dSS11]. Hierarchical-Memory [VSIR91]. Hierarchies [VN93, BW89, DTK11b].
hierarchy [Ale19b, Pad91, WYTX13]. High [ABDS02, BJ99, BBH+97, BYG+18, BNSP99, CLA+18, CY99, CD98, DS02, DYL+12, DB18, FGKT97, FC14, FM99b, GP93, HES10, HN19, JSCB95, JLRA97, KMRD97, KS95, KRS13, KRS14, KRS01, LC97, LS01, MR94b, MBG+17, Nee17, NKC+97, NTC03, PF08, PVG09, PBB+17, SWHB17, TF92, TMM06, TFJ+19, VFAD17, XMMD17, AM13, AR17, AB03b, AGWY11, BSW07, BAT+19, BDDL09, CCC+04, CBP02, CVK+18b, CTCTX08, Cuz11, Cuz13, DK08, DB08, DKK18, DF12, DAB+14, DMS+16, FHL+15, FGP05, Fu10, GOH+13, GTN+06, GMSS+11, HOE+09, HRG+11, HC04, HT90, HVW16, ICQO+12, JBY+05, KVNV17, KSB11, KME09, LWC+18, LMSK18, LWR+03, LSXX14, LJZ+19, LB18, LAC18, LVB07, LSL06, MSGS+13, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SQQL19, SR91]. high [SGdSS13, TYD+19, VAS+13, WRW13, ZW13, ZWQ+16, dAT17, MMVL11]. High-Availability [LS01, Fu10]. High-dimensional [SGdSS13, TYD+19, VAS+13, WRW13, ZW13, ZWQ+16, dAT17, MMVL11]. High-Level [BBH+97, KRS13, KRS14, BYG+18, CCC+04, DMS+16, SGdSS13]. high-order [KME09]. High-Performance [BNSP99, CY99, FGKT97, JLRA97, KMRD97, KRS13, KRS14, KRS01, PBB+17, TPJ+19, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMSS+11, HRG+11, HC04, ICQO+12, JBY+05, LWR+03, LSXX14, LJZ+19, LB18, LVB07, MSGS+13, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SQQL19, SR91]. 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, VHL93, WIKC97, AFA13, ATH91, GV86, HN19, SM08b, SMT15, Ter16]. Hint [CK13]. Hint-based [CK13]. Hints [GLC14]. Histogramming [BJ96]. histograms [CL14]. historical [SFT04]. history [WBTM09]. HLA [DB11]. HLA-based [DB11]. HLR [FCF00]. HLS [MH18]. HLS-based [MH18]. HMFS [LHZ+18]. HMIPv6 [CKML12]. HMYFS [ZLH+18]. Hoang [Ano92c]. Hoc [Ano01e, BDF01, GS01b, LAZC00, Pat01, RBP+11, TM10, AP03, AH11, ALF03, BFG+03, BM11, BGLA03, BOP06, BN03, Bou03, CNS03, CW05, CYZ06, CDCD05, DW06, DBM+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, JWX11, KK06, Kim11, KS15, KNS06, LR03a, LPX05a, LW06a, LW14, LC14b, LR03b, LHT08, NMN+14, OSL05, OM10, OMSGNSG05, SNC12, SS+06, SGS08, SKMM04, SJ11, TC13, VA03, WTB+08, WGS08, WBTM09, WHS+18, XHG03, XWC+08, XG03, YC04, YSS11, YWYW12, ZMC06]. HOG [RBG17]. hole [LZC11, PSC+16, SGAC14, YDZ+18, dOBB+15]. holistic [WL10, ZHH15]. home [HRM17]. Homogeneous [LS97, BM17a, CRJ10a, GHS86, OOSGVG+16, SCJ+08]. homology [DKKV15]. homonymous [AA1+15]. honeycomb [BPRS04]. honeyfarm
Honeypot [KMMZ06]. hop [JXW06].
Horizons [BP95]. host [LLWC17]. host-based [LLWC17]. hosting [SSVC10]. hostload [DKC14]. Hot [LKK94, NS95, EMIC19, MB19, TY90a, GPSH19]. Hot-N-Cold [GPSH19]. hot-spot [MB19, TY90a]. hotspots [MLG05]. Hot-N-Cold [GPSH19]. hot-spot [BP95]. Hot-spots [MB19, TY90a]. Hough [BP95]. Householder [BDG+15]. HPC [APV18, CVK+18b, CJA+19, ECLV12, GYAB11, NV19, NKSA17, NC13, PCLP16, uRIL+18, RBA+18, RMHR17, RÖE+18, SCB09, WMES12, YFS+15]. HPF [BCF+94, CA96, HLJ01, KHS96, SS00]. 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, Dau99, DR18, FA07, Gao93, LWCG14, NBM93, OS93, PA15, VD18, YS11, ZHL+18, ALM+16, AC89, BAMM05, CCQ+06, CB15, CJ17, DK11, FX06, GLC14, HZL18, HGX+19, JAB12, KS18, KSJC17, LY13, LH+18, MBS+12, MMK+11, No12, PARB14, PV19, SCS+08, SHL09, SSL04, SA08, TY17, WLL16, WHW+17, YLL17, ZFT+18, MMCL+17]. Hydrodynamic [HC97]. Hydrodynamics [PAH+98, VBDR13]. HyPar [PV19]. Hyperbolic [SSK96, SHRM19]. hyperconcentrator [CL90]. hypercontexts [LM05]. Hypercube [ÅGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH00, DRC90, DFN+94, FAM96, FP93, GGD93, GT97, GBG93, HGCC96, IK93, IK94, JR92, JB98, KB96b, KM91, Lan94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, MYD95, NSL99, NT93, NS94, OM90, RS94, Raj96, SYO94, SCC92, SY01, Sto90, TLW94, TL96, TC92, WIKC97, Wag93, Wag94, XMN92, YP96, Zia92, Cap87, CCS06, CS10, DE91, Efe91, EAL90, ERS90, Joh87, KAP90, LEN90, LSS88, LS91, MVM04, MAR87, RS90a, RS90b, RIZ90, SW90, TMK+17, TS91, Wag89, Yan04, ZLRP91, YN92]. Hypercube-Based [Zia92, DE91]. Hypercube-Connected [LH92]. Hypercubes [AD95, AERLB92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, Fag92, FM96, Fra92, GP00, GH93, HM01, HOS94, Kav93, KF95b, Li92, LBT94, LW95, LT96, Moh97, OD95a, OP96, Pe95, PM92, RS96a, RJMC95, SHL95, SR95, TT98, WW97, Wun01a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS+91, BL89, CL91a, CL91b, Che05, Ede91, FT04, GT04, GNW03, HNSA07, Ho91, HRJ94, LW90, Lai14, Lai17, SS89, Var91, WIB12, Wu85, Wu03, XCS06]. Hypergraph [DKUC15, ACU08, CBD+09, DHK04, KJD03, TK08]. hypergraphs [STA12]. Hypermeshes [OK01, Szy95]. Hyperoctrees [DFN+94]. Hyperplane [HS93]. Hyperreconfigurable [LM05]. hyperspectral [PVPM06, Pla08]. Hypersphere [AM93]. Hyperspherical [RLP14]. Hyperstar [AAD98]. hypertree [LTD+93].

I-Caching [MM93]. I/O [AW95, CkLCK04, CkLCK05, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, EH01a, GGD93, GPFC14, HZZ+19, JSCB95,
I/O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ19]. IaaS [LQM12, NC13, NKK16]. IBM [ASH01, BAHP01, BR95b]. IC [CMR10]. IC-scheduling [CMR10]. IceCube [AAA15]. IceProd [AAA15]. ICS [HMY18]. ICT [CTS17]. Id [HCAA93]. ideas [Sch14]. identical [GG19]. Identification [CS95b, EBE08, FCC07, GSASA19, MMN18, SRB19, XCC19, ZAAB17]. Identification- [CS95b]. Identify [XYG07]. Identifying [HS03, LT10]. identity [WXMZ19]. Idle [CW93, CM92]. idling [CFI18]. IDOS [BA01a]. IEEE [Ano93a, BCD00, FA07, HB11, VHH08, ZBR11]. II [HR92a, KHT14, LRA17, SMO14, SR97b]. III [CP10b]. ILU [SZW05]. Image [B396, BM95, ELS94, HSJP87, HC95, KSL85, KC99b, LWY97, MWL00, MG98, NEG85, OS98, RS90a, RG87, SR94, SD88b, WS95, ZM94a, CDJ89, CCN06, GSWW04, HLB16, HN19, IK87, Kep03, KM03, Lee91, LMSK18, LLS16, MG03, PI90, Pfe90, Sto87, SA90, UAPM07, Wan07, WRHR91, WJD91, WGCZ09, dAT17, FC14]. Image-Processing [KSL85, SD88b]. Image-to-Mesh [FC14]. imagery [PVPM06, Pfa08, SQQL19]. Images [SY094, Ara90, CDD19, CL85, DH91a, NAK04]. imaging [KDO13]. Immediate [Ksh12]. immersive [MBH08, TYD19]. immune [HD10]. Impact [Buc92, Kel00, Tze91, YAA10, GSWW04, HHS12, HRF11, MLG05, RBP11, SFT13, SYU07, WCF14]. Impacts [PCX11, PCX14]. IMPATIENT [GOH13]. Implementation [ABGV11, AS95, BAHP01, BH94, CP91, CP92, CS95c, DM90a, DBKF90, EP90, HS97, HBB93, KM91, MSS90, NT93, NsPPC02, OS98, OP98, PAJC97, RL02, RW01, S092, Shu95, SM00, SK96, SE15, SOG94, TVO92, VBM90, XM92, YB01, ADV14, BFTV87, BG89, CEGS07, CP10b, CWP12, COP03, FG08, GKS15, Gro85, HES11, HVW16, JK89, JM15, KHT14, KTF03, KA91, KP05, LIP19, ML89, MCAS12, MP10, MML07, MRT18, O005, OGRV12, PL87, SM08b, SA11, Sol13, SMKL93, TR89, Tay87, TdAR18, XWC18, YÖ11, dAMCFN12]. Implementations [DT01, KLS84, SAC08, WPKK94, BCM06, BRPR06, GNS09, ICQO12, Tát11, TYA16, YBM13]. Implementing [BC94, Coh90, DRC90, GSC96, HK08, MT95, DM90b, OB88, TR16, YFY17]. Implications [AH94, BS96a, GTN06, HHH18, MT96, MG93, SH92b, TSA97]. Implicit [BAM93, Fre96, HWL18]. Implicitly [SAC98]. importance [MLMSMG12]. imposed [BKS91]. impossibility [AP16]. Improve [CB02, DS95a, SKH96, CDR99a, CSW17, GLC14, VRM10]. Improved [AM97b, AS91, CLZ02, Che05, CP10b, DL98, FT04, GJP96, HSH10, JR95, KLC05, Mill99, PB95, TC13, Tzu07, Wor93, Ara13, Bad04, GMYRS16, TDC05, dAMCFN12]. Improvement [vCM98, IAS92, CZZ17]. Improvements [GCB10, WSS93, DPSD08]. Improving [AM13, AHG12, CLG16, CRWX12, CKWT17, CAF11, Dah99, DK04].
GT02, GYY+14, GP05, GMM00, HHK15, Kan05, KZ11, LTL06, MBR08, QGZP19, RMG19, SLKK12, WTB+08, AA10, CCK88, HBSASA19, KWZ19, LBT19, SAL10, SK11, YF09, MMCL+17]. **IMSuite** [GN15].

**In-Memory** [SLL18, LLB+18, LHZ+18, VETT18, ZKZF18]. **in-network** [BCO+12, JF12]. **in-order** [KMF05]. **incentive** [CG12, YAA10, ZCMY12]. **incentive-based** [CG12, YAA10]. **inclusion** [Kak15, RFPAG08, dMS18]. **Incomplete** [OD95a, PK04a, SCD99, TC92, CASD18, GLW14].

**Incompletely** [BSGM90]. **inconsistency** [Ram89, TK07]. **Incorporating** [AISS97, VWHL96, WTY+18]. **increasing** [RS08]. **Incremental** [ESCV15, ZN01, LY08, LRS18]. **incrementally** [SSB91, YC12].

**independence** [GK10]. **Independent** [BSB01, Ger98, Hag97, MAS99, NMS93, PS93, WZJ12, AFD+11, AK06, AY09, CL91b, CFJW13, EB13, HAC17, Li06a, Li19a, LH09, L09, LLS07, MPR19, PDB13, SM16, SBC12b, SZW05, SM+07, WCF14, WIB12, YWD08]. **independent-gate** [WCF14]. **independently** [XCH08]. **Index** [Ano92b, Ano93b, Ano93c, Ano93d, Ano93e, Ano94a, 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, Ano98i, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99f, Ano99g, Ano99h, Ano00a, Ano00b, Ano00c, Ano01f, Ano01g, Ano01i, Ano01h, Ano01k, Ano02d, Ano03a, Ano04b, Ano04a, Ano08, Ano09, Ano10a, Ano10b, Ano11j, Ano11k, Ano12m, Ano12n, Ano14f, Ano14g, Ano15k, AS19, KHS06, SSHC00, Ano03b, KN18a, KN18b, LSZ15, PCLP16]. **indexes** [OC07]. **indexing** [FKJG08, ZG08, WY+18]. **Indian** [Nee17]. **indirect** [Ho91, HBF12]. **individuality** [TYD+19]. **Induced** [WIKC97, LM09].

**Induction** [BF01]. **indulgent** [WCYR08]. **Industrial** [MS99a, HMY+18, KKTZ13]. **Inexact** [Pla13]. **Inexpensive** [MT93a]. **Inference** [AyJ93, FBRW03, PTZ06, RFP+19, SHK19, XP10, YWAT13]. **Inferencing** [TFV19, MK08b]. **InfiniBand** [ARP18, ASD09, ESQ+14, ESGQ+18, GRJ+15, PK05b].

**InfiniBand-based** [ESQ+14, ESGQ+18]. **Influence** [MCS14]. **Influential** [TAS+01]. **Info** [NTN12]. **Info-based** [NTN12]. **Information** [Bal90, BS96a, CY99, LA93, Oza04, AHZ11, AH11, Ana14, CKN07, DB86, JLWX11, KTP17, LY91, LSWC14, MP15, Pla08, Ps96, Raj08, RFG08, SH19, SSH07, SFT04, TKG+17, WHW+19, XCS06, XQ04, YDZ+18, ZFS07].

**Informed** [LM09]. **infostations** [BPRG04]. **Infrastructure** [GC01, AFA13, HPB+10, JAB12, KKKP12, LCM+06, MBS+12, SW12, SWHB17, ZCMY12]. **infrastructures** [Ano04d, BJPPM+08, FF14, NAB+11, TD07, YK04].

**Inherent** [WW98, CB15]. **inhomogeneous** [LWW19]. **Initial** [dGP06, YS11]. **Initializing** [Nak95]. **initiation** [MM04]. **Initiatives** [Hua17]. **injected** [GK15]. **injection** [CP17, LLWC17]. **Injured** [Wu94, Wu03]. **inland** [SQQL19]. **inner** [Li90, ST85]. **innovative** [MCS+19]. **input** [LY08, NAK04, PMV05]. **INRFlow** [NPE+19].
Insensitive [ST02, ST06]. insertion [SS17]. INSIGNIA [LAZC00].

instruments [CKK+13]. Integer [DL98, Fag92, SS96, KKV05, VM95].

InteGrade [dKG+10]. Integral [Ten90]. Integrated [BDHF90, DAYA02, OY00, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, LMXJ18, SKMM04, WCL+13, XYDL06, XHY07, YWG15]. Integrating [Bi94, DT11, DRST02, FKT96, Lu01, OK02, PY96, KKKP12, YT05].

Integration [ISZBM99, KL84, LY01, YJKD10, An004d, HMV07, Kuu17, YK04, ZMZJ17]. integrity [BCO+12, LZSL06]. Intel [CHLL18, FPD93, LTG14, RPN19, SMKL93, Zha11]. Intelligence [MT85, KAA+19b, LdPLC+19, ZGJ+18]. intelligence-based [ZGJ+18].

Intelligent [IAS+92, KSP+92, LHW+19, SH98, ZL93, CDJ+89, KBC19, KDS18, PLSM18, She09, WJD91, XYW+18]. Intel(R) [KVNV17].

Intended [CTC11]. Intensive [ABM+92, BS09, BS11, CA95a, EH01a, SW00, ClkLck04, ClkLck05, DF17, HZZ+19, HWLR14, KAS07, MLK+16, RB11n, Ren11, SC04, VB08, WZZ+17, WG11, ZMCP11].

Inter [KCSS18, FKB08, GZG+17, Kan05, RS19]. inter-core [GZG+17]. inter-node [FKB08, RS19]. inter-procedural [Kan05]. Inter-Thread [KCSS18].

Interaction [CCM92, DH95, LLCC02, HWLR14, YJL16]. interaction-intensive [HWLR14]. interactions [CK08, PARB14].

Interactive [LHM95, RGS00, LTS07, MAR05, TSD08, TD07]. Interactive-Rate [RGS00]. Interconnect [HP97a, WLY01, AHA+16, MG09, UM17]. Interconnected [DH95, EH01b, Gnu94, KM97, QMCL94, CPJ+19, GMH+91, McA89, SGAC14, TRS06].

Interconnection [AAD98, AA95, BETD94, CW01, CJA09, DVZ96, FD86, KRZ02, KAM94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, OM84, OOS5, Pd93, PL93, SW96, SZB92, Szy95, TH02, Tze91, VB96, Wan96, Wan01b, Wil92, YWP90, ZMP90, ZW00, dBL95, AR17, BM14, BDJQ86, BHR91, BR91a, Bhu87, BJ15, BR91b, CM04, CCO04, CCAAS19, CS06b, DE91, FJCO4, GJ12, Har91, JBM91, KMC16, KRL87, LK90, LLY13, MHBW86, NPE+19, Pak89, Par05, PW16, PW17, PMCC18, SSB91, SL92, SH92, WCC02, Wil90, ZDC06].

Interconnections [LLJ00b, SL97, THN+93, Oza04, YB90].

Interconnectivity [DSD+97]. Interconnects [ES97, HP00, MO97, MG93, PEC95]. interdependent [SNCP12].

Interdisciplinary [NKSA17, CCE+17, Hua17]. interest [An016l, REZN17, CTC11]. Interest-Intended [CTC11]. Interface [BAHP01, BF97, BDH+97, CD98, IWM97, PS01, RS92c, JM15, NSDZ18, KTF03]. interfaces [NGQM12]. interference [BPRS04, GZG+17, KDH08, WHS+18]. interference-aware [KDH08].
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, Sto90, SFC17, TFV+15, TFV19, BG90b, TY95, Wee01, XMM17, YW91, ZO97, AB03b, BC19, BOP06, BS11, Cuz11, DF12, DB18, FPS11, FPS12, Gra0a, Irw88, IB04, KL08a, KL08b, LZ11, Las12, LG11, MSGS+13, MKN14, PRS14, RLA+16, RLA+17, Raj08, SXZ06, TH11, WW03, XJS03, dVCP06.

Issues
[Ano95j, Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, DVW94, MFS93, NCRK19, Nie94, PS01, THBF97, BAK03, GCY04, TB90]. Item
[AAP01, San99]. Itemsets
[LT10, ST14]. Itemsets
[BMLLC19]. iterated
[KHW13]. Iteration
[BW96, CC87, RS92a, YB+13]. Iteration-level
[CC87]. Iterations
[AR97, CASD18, YS11]. Iterative
[Bal00, BSS99, CTD99, CHR94, CG10, ESMG96, IPK85, LPX05b, UD96, WB96, BDRB14, CF88, CRC+02, FG08, KMS+06, NVK+11, VGAB08]. iterator
[Lon04]. iTPS
[TDC05].

J
[KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. Jacobi
[CASD18, EP90, HBAD15, HS17, MVV91, MV94, RS08, ST87, TYA16, WPC19, ZB97]. Jacobi-Type
[MV94, MVV91]. James
[Ano92c]. Janus
[DMG18]. JAVA
[MSS00, AST12, AFT+00, BVGV14, CCK+08, Dek00, GCB+00, HR00, HS00, JM00, MWL00, SCB09]. Java-Enabled
[MWL00]. JBSDP
[GLC01]. JDPC
[MSGS+13]. Jean
[Ano96]. Jean-Michel
[Ano96]. Jerzy
[Ano96]. JESSICA
[MWL00]. JMIX
[JM00]. Job
[FKSW97, Li05, TDB13, Ben19, DBA+18, EHL+15, FCC07, GRDB05, GMVRG16, GYY+14, LC90a, MLK+16, MS86]. job-scheduling
[Ben19]. Jobs
[CB02, CL91b, HSH10, LYW+16, LF03, MLG05, QJ05, SF05, SHC14]. Join
[HTL99, LT94, GK19, LL18]. joins
[CG86, CTKA17, CKWT17, CKLW19]. Joint
[AAA+10, AF06, ABF+14, LBT19, LYW+16, LZLX11, CCA18, GDL+11, ZY12]. Jones
[NHO+13]. Jordan
[Dav17]. Josephus
[LI05]. Journal
[Ano99g, AS13, Ano97], BS09, CDJL09, Cuz11, FTM+14, FPS11, GMSS+11, Gra09, KRS13, Lan09, Las12, LG11, MSGS+13, MKN12, TH11]. JPDPC
[LK11, KRS14, MKN14, PRS14]. jpdf.1999.1564
[Ano00d]. JPEG
[CD95, WLCZ15]. Julia
[RFP+19]. Jumping
[HIMK94]. Just
[FKLB08]. Just-in-time
[FKLB08]. juxtaposition
[BKS91]. JVM
[AC16].

Kalman
[LWQG02]. Kapeljkov
[Ano92a]. Karhunen
[FSD04]. Kautz
[CC94]. KD
[HN19]. KD-tree
[HN19]. KDE
[EHL+15]. Keep
[LS16]. Keeping
[Bal90, PBB+17, PGKV18]. Kernel
[MBBD13, GM13, IBP08, KC17, PSB+19, SK91, dSAJ15]. Kernel-assisted
[MBBD13, GM13]. kernelized
[PDP17]. Key
[SLHS19, AVAH18, BCD+15].
GCS06, GTGLSA12, GMXA07, HZHS18, JXZ+19, LAK10, LLW12, REK10a, REK10b, SZMK13, SB04, ZWQ+16, ZHT16. **key-based** [GTGLSA12].

**Key-Value** [SLHS19]. keys [PPC04]. **keyword** [HWL18]. **keyword-aware** [HWL18]. Kinetic [RW01, LMB+17]. Knapsack [BW18, FR96b, Ten90, dADC18, EE05, LSS88, LS91, PMV05, WYW15, GT04]. knapsack-based [WYW15]. **Knapsack-like** [FR96b]. KNEM [GM13].

**Knowledge**

[CHGM01, DL99, EHS94, KKS+12, LAS+19, MS15, SLG+18, YL12]. knowledge-based [YL12].

Kohonen [VM95]. Kokkos [ETS14]. krill [KS18].

Kronecker [JD12, LNW+12]. Krylov [BSGM90].


LAD [DFP06b]. LaDAR [YWAT13]. Lagged [Lan97]. Lagrange

[Goe94, SAOKMA02, Zzc92]. Lagrangian [Kal04, BHLT14, Kal04]. lags [LY91].

Lamport [Lo92, TPLY18]. LAN [HWW96]. LAN-Connected [HWW96].

Lanczos [Bas97]. Landmark [XHG03]. Language

[BCD95, BBH+97, BN94, BHS+94, CC91, DRST02, FCO90, FC95, FKKC97, FMW+94, LS95, Chi95, ESA03, JWH+17, LMY+11, MRs+14, PLD87, Pfe90, RK18, RSW91, ESA03, LTEK05, SBKB90]. Languages [BS90, KBC+01, KRS13, KRS14].

Large [ABDS02, AFG+19, Ano92c, BP01, BMCP98, Efe96, Fag92, Gk98, Gk93, JH92a, LK98, Lin93a, MRJ+19, OK01, PTZ06, SR95, SM04, VN93, WRC+02, WBRT13, XMMD17, AM13, BMB+08, BKC+15, BA06, BMF05, CC16, CS06a, CLOL17, CTKA17, CV09, DV13, DB11, DBCF13, DHK04, DLW+12, HRC09, Kesa07, KSSL16, KSJC17, KBC+10, LGZ+10, LYL08, LZY11, LH+19, Lon04, Luc18, LWCG14, MYM10, MBMC19, MVP17, NAB+11, PP13, PB19, PDB13, PK07, PLK+18, RW02, SS17, SMT15, VM03, WCO17, XHY07, YH07, YÖ11, Zv09a, ZVL11].

Large-eddy [SM04].

Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, AFG+19, MRJ+19, WBRT13, BMB+08, BMF05, CC16, CLOL17, DB11, DBCF13, DLW+12, Kesa07, KSSL16, KBC+10, LGZ+10, LYL08, LZY11, Luc18, LWCG14, MBMC19, PB19, VM03, WCO17, XHY07, Zv09a, ZVL11].

large-size [CV09]. large/irregular [AM13]. Larger [Mah95]. largest [Deh90].

LARPBS [dR09]. Last

[Tay02, DMI+19, FABG+19, RFPG08, SS17].

last-level [DMI+19, RFPG08]. Latency

[GS00, HF02, KUFM02, LDZ+14, MR94c, MG91, RJY96, THGY15, ZYH94, ASA18, ASS19, CRD12, CM12, Dax17, IS06, KS03, LW19, MS19, NCB+17, PRHB06, RM11, SLKK12, SFHS19, SLZ+19, TVT+17, WL92]. latency-sensitive [ASS19]. latency-tail-tolerance [SLZ+19]. latency-tolerant [NCB+17]. Latency-Tolerating [GS00]. lattice [AVAH18, GMS06, IBP08, WCO+09, WZY+19]. law [NZ17, SC10, CN14].

Laws [FLS+97, SHRM19]. Layer
[BNSP99, DDO +18, KNS06, PKW +10, WCL +13, YYWZ19, dIAMCFN12].
Layered [DDD98, SSK96, CI03, LHF91, LL12a]. Layers [ZAW94]. Layout
[MB96a, KMC16, LGK +12, MLG05, Str12]. Lazy [GSC96, MYD95, DS04b].
LDA [BOKS19]. LDU [MVV91]. LEACH [CCC +19, NSA11]. Leader
[AS96, SS05, DLV11, DGDF10, Pe90]. Leaders [SK94], leakage
[MB96a, KMC16, LGK +12, MLG05, Str12]. Lazy [GSC96, MYD95, DS04b].
LDA [BOKS19]. LDU [MVV91]. LEACH [CCC +19, NSA11]. Leader
[AS96, SS05, DLV11, DGDF10, Pe90]. Leaders [SK94], leakage
[BM11, CW92, MBG +17, TFV19, WT92, AC89, CXQ +18, EM11, FFYH19,
HSS17, HKK +18, IHK15, KAA +19a, KCFP18, LGZ +10, LHHH11, LCJ +18,
MS86, MCZ14, NZA13, ORP18, PGS17, RT18, RDCQ17, SM08b, TXLL14,
TM10, Tor89, Upa13, VM95, WRW13, WBS19, WLK +19, WDS +18,
XCC +19, XRB12, ZGW +19]. learning-based [MCZ14, RDCQ17].
Learning-TCP [BM11]. Leashing [DHS06]. Least
[CB95, HLS03, KAP90, ZYO02, BBd90, SMKL93, TBZB05, XBK07].
least-mean-square [XBK07]. Least-Squares
[CB95, ZYO02, HLS03, KAP90, BBd90, SMKL93]. LED [MLW +97]. Lee
[BVB02]. legacy [LWR +03]. Legion [LFH +03]. Length
[BL94, KP17, MP08]. lengths [KIH15]. LEON3 [TaAR18]. Let [CVK +18b].
Level [AC16, BBH +97, BSS97, CD98, GS98, HK +91, HW96, Kav93,
KOW97, KRS13, KRS14, KL84, MR94b, MHG95, Qia97, RP95, SHC00,
SBKB90, AY09, ACU08, BBH +17, BYG +18, CCC +04, CLMR15, CC87,
CTCX08, DMI +19, DAB +14, DMS +16, FABG +19, FLCB10, GAC +17,
HES10, IKS87, LC14a, LWH +19, LPLMC +12, MAJ05, MEMEMH17,
NPE +19, OWK14, OMT +17, PRHB06, Pe90, Ren11, RFPAG08, SS17,
SGdSS13, VD04, WCKD06, WMES12, YSL08]. level-set [HES10]. Leveled
[PRW94, BMM07]. levels [Kum17, Li16, Wu03]. Leveraging
[SSFP11, CFI +18]. LeWI [GLC14]. Lexicographic
[AMS94, DT97, BMLLC +19]. Lexicon [Haw97]. LFRic [AFH +19]. liberal
[NDW17]. Libraries [KBC +01, ZRC99]. Library
[BMCP98, CJ99b, DVW94, FLKK97, GLC01, HW96, SKH96, HZHS18,
LR06, LGK +12, RR05, ZSW14, VAF19, VBF13, VFAD17]. Library-Based
[FLKK97]. Life [HSJLP98]. lifetime
[EMC19, HP06, LL12b, Li14, LzC11, VRM10, WBS19]. lifting [IIH16].
lifting-based [IIH16]. Light
[RGVB00, Koc91, PR12, Wan06, WZZ +17, ZFT +18]. light-trails [PR12].
Light-Weight [RGVB00, Wan06, WZZ +17, ZFT +18]. Lightweight
[HS00, MSF +13, CL09, KP17, Kim17, MP10]. like
[CP10a, CTC11, FR96b, GL90]. Limit [MO97]. Limitations [BKS91, LS97].
Limited
[yHY97, LP96a, LK98, BKS05, DW04, SSGG18, VS16, WT +08, Zsa16].
Limiting [MSV19]. limits [DW04, dSS11]. Line
[BDKM94, BMMS01, DGBN14, LTY96, RR95b, Ye01, BS92, DMCFCM03,
DJ98, EL88, GH89b, GC07, KM88, LHK03, SSL04, SL90, ESGQ +11].
line-sweep [DMCFCM03]. Linear
[Bah00, BBM +02, BMM97, BCZ95, CDH84, CCC92, DVW94, IPK85, IK94,
KL01a, KF95b, LP97, PM96, Pov99, RFM94, RS92b, ST89, TBPV00, ZZC92, dR99, BGH+03, BAH04, BPP05, Car90, CM03, CMR19, CEGS07, CP10b, DS04a, Dja06, FHL+15, GPT06a, GRV08, Gao86, GS91b, HR89, ICQO+12, Joh87, KKV05, KT89, LMXJ18, LWXX19, LKD14, MP88, MP87, MV05, MRT18, NCTT09, TFMS15, Ter16, XYZW14, YTH07, YÖ11, KCP19.

**linearizability [KKW17].** Linearization [FZVT02]. Linearly [BBd90, PB90]. Lines [HKMZ98, DJDK99, Wri91]. Link [GDP08, MLW+97, SJS11, VR94, VR95, WFL98, FCZ+12, LST17, MCAS12, MVP17, RH05, SW90, WTS03]. link-bound [SW90]. Link-selection [RH05]. Linkage [CPO+03]. Linked [Han89, HA05, ST08b]. Links [AaJS01, KJ84, RS94, WW97, Wan01a, AGMS16, ACA+19, KPR88, SHK19].

**Linpack [Num07, Num08].** LinuX [LACJ18, BP01, LAC18]. Liquid [SWHB17]. List [BBH+18, SP96, SGS99, TLL10, FPF14, Han89, LPX05b, Vis87, WLL16]. Lists [BP02, VSIR91, ST08b]. little [MNR+19]. live [GRJ+15, HTB19, WMS12]. Load [Ano97], BEE00, BM08, CS93a, CRL04, CKL19, CL200, DHB02, DMB97, DLLX97, DSW94, EfE96, EE05, FMP98, FLS+97, FM99b, GKO8, GI94, GM96, HS97, HILLY95, HTL99, HO94, HC97, JR92, JW89, KGV94, LK94, LHVW95, LT94, LL98, MDD97, MP96, NLSK99, NFE97, OB98, PB99, QY94, SBC12a, SH92a, SHT+95, SB97, SBAM96, TSSH01, TT98, Wan96, WS97b, XYKA08, XL92, XH93, XL95, ZLP97, ZXP09, ZM19b, vS91, AES11, AGMS04, ACCP12, ASES15, BCV05, BFH09, BMFT+18, BRPR06, BD04, CSWD03, CBX09, Ch90, CRC+02, Cyb89, DB11, DLW+12, DW94, DM94, GRV08, GLC14, GC05, HJ90a, HLM+90, HLM+91, IC05, IS06, JL05, JJ11, KAA+19a, KNH19, KKS08, KC04, LTB02, LTL06, LLL06, LHK03, LY91, MLDG12, MPV12, MV05, MTS90, Mit07, MG03, NHO+13, Nik03, PC11, PA04, PRN+19].

load [RN04, SU87, SB15, SX08, TBZ05, TKHG04, TLL+18, TVT+17, YJL16, YAA10, YMLP14, ZV06, ZSW14, ZM14, dG91]. load-adaptive [TKHG04]. Load-Balanced [LT94, NFE97, XYKA08, YMLP14]. Load-Balancing [DH02, FM99b, HO94, HC97, Wan96, CKL19, SB12a, ZX09, KAA+19a, NHO+13, YJL16]. load-sharing [SU87]. Loads [KC95, VB02, CG12, GRV08, HV13, KVA18, LML+10, MV05, ZZ06].

Local [AD02, BSS99, BCD00, CGL+95, FLS+97, HR00, SR94, ADD17, AK07, BMARW07, CKN07, GJG88, GTGLA12, GNZ18, LMJC11, MS88, MAR05, ROB+18, Sch18, WWW17a, XCS06]. local-spin [AK07]. localities [GJX20]. Locality [BS96a, CL96, FJG06, GXY13, JL11, KCRB99, KRC00, MNB95, SCM99, SHT+95, EHL+15, FPF06, Kan05, KR06, KL13, Ozt11, SZD07, SKK14, SRT+18, WLL08, XCS03, ZWQ+16].

locality-aware [EHL+15, SS014, XCS03, ZWQ+16]. locality-cognizant [LK13]. Locality-sensitive [JL11, SRT+18]. Localization [DFP06b, AKBD10, CCW14, CRWX12, DLL11, LDS16, MKM16, PD19, WDS+18]. localized [Cal06, KNS06, LS03]. locally [AK07]. LFZ+17, XHZZ16]. locate [DWX10]. located [SB12a]. Location
[KER01, Li17, LS03, LAGK07, MMRS98, XCLR07, ABF+14, BJL18, CZ90, DBW+18, HCM11, KHK18, LLDL15, OJP+18, TZ07, TZ11, 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, CB06, Dim91, HSY10, HA06, ST05, XO05].

**Lock-free** [SSdB+10, ST08b, CB06, HSY10, HA06, ST05]. **Locking**

[MS98, XO05, DM04, LZLX11]. **lockless** [HMBW07].

**Locks**

[JNW96, AFA13, CB06, Dim91, HSY10, HA06, ST05, XO05].

**Lockup**

[SD91]. **Lockup-free** [SD91].

**Lo`eve** [FSD04].

**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**

[AyJ93, CC91, CBdCD00, Mon94, NKV14, Tan84, DeG88, FPM+14, MLZY17, MV88, MC91, NAK04, SK90, WFSF98, XYZW14].

**logic-oriented** [SK90].

**Logical**

[AK93, YMG01, TPLY18].

**LogP**

[AISS97, BHPP05, RGD03].

**Long**

[AISS97, GO95, LKM12, Lin93a, KVN17, MBR08, TDC05]. **long-distance** [MBR08]. **long-range** [TDC05].

**Longest**

[MS99b, PK04b]. **Look**

[PL93, SHL+13, TG04, HZL18]. **Look-Ahead** [PL93, SHL+13, TG04]. **Look-Up** [HZL18]. **Lookahead** [NIR86, SF05].

**Looking** [LKD14]. **lookup** [JP09]. **Loop**

[AMB95, BCH95a, BCZ95, CG02, DR95, DS95b, Nic88, OK02, PB99, QGL+09, AL04, KSG03, MP08, NCT+07, QSL+08]. **loop-carried** [NCT+07].

**Loop-Free** [CG02]. **Loopy**

[Ano92a, KME92]. **Loops**

[CCC90, CWV96, DRR96, HS93, KK95, KBG92, SCMB90, SG99, Xue97, CC87, SGE91, ZLKK19]. **Loosely**

[SKR93, AhCc90, BMF05]. **losses** [HZA+15]. **lossless** [CW15, PY09b]. **lossy** [GYP13]. **lost** [LdSB+18].

**Low**

[AZ01, Ano92c, AEY12, CM12, Dav17, IKS87, JH92a, JH92a, JW96, JLR97, K90, MC17, MHC95, SD00, ABO+17, CBP02, CL09, FABG+19, GE85, GJZX05, HZL18, KS03, KKK11, KHK18, LV91, MGRRK14, NV14, Pfe90, RM11, SZ09, Sol13, SLWW05, YGZ+10].

**low-area** [ABO+17].

**low-complexity** [Sol13].

**low-contention** [AEY12].

**Low-Cost**

[AZ01, Ano92c, JH92a, JLR97, CL09, GJZX05, YGZ+10]. **Low-Density**

[MC17].

**low-latency** [KS03, LW19].

**Low-Level**

[MHC95, IKS87, Pfe90].

**low-memory** [CBP02].

**Low-Overhead**

[SD00, SZ09]. **low-power**

[KK11, MGRRK14].

**low-rate**

[KKH18].

**low-resolution**

[GE85].

**Lower**

[BMRC98, JR95, LPS+08, TC96, WW97, FT04, ITT04, Li19b, NDP13].

**Lower-Dimensional**

[TC96].

**Lowest**

[MAKWW13], **LPAR**

[BK95].

**LQ**

[BBM+02], **LQR**

[ZMZJ17], **LR**

[CB96].

**LSM**

[SLHS19], **LSM-tree-based**

[SLHS19].

**LTI**

[AD12], **LTL**

[BBBBC12].

**LU**

[OT86, She06].

**LUT**

[HZL18, WD18].

**LUT-based**

[WD18].

**LXCloud**

[LACJ18].

**LXCloud-CR**

[LACJ18].

**LXCloudFT**

[LAC18].

**Lyapunov**

[MV94, QOvdG01].
M [Ano92a, GA18, FC95, LZSL06, ZBF05]. M-TREE [LZSL06]. M-VIA [ZBF05]. M2M [TKG+17]. MAC [CCHC09, GZY14b, Los08, TLY12].

Machine
[BG86, BDHF90, CA95b, LWOG02, MB93, RDCQ17, SYO94, SR97a, SR97b, TVS97, TKG+17, ZL93, ZLZ+19, AES11, BH86, CL14, FMIF18, HTB19, HS86, HPSM91, KHT+14, KS18, KAA+19a, KNS91, KA89, KCFP18, LCJ+18, Ros85, SM86, Upa13, WSX+19, WLK+19, WF89, ZG13, ZLCZ18, CM93, CRFS04, CGSV93, EHS94, LAD+96, LST+13, LTD+93, Sab94, TKG+17].
machine-learning [KAA+19a]. Machines
[BR96, BP90, BCR96, CWP98, ERL90, Gup92, GKHS96, HK96, HB97, HLJ01, KRC00, KHS96, KLS90, LWY97, MK92, PAM94, RS94, RK95, RG50, SSG93, SCMB90, San02, TSA97, YFS+15, Zak01, AE88, CLW+19, CG11, Fen90, FX06, Fu10, GG19, GA90, IKS87, KR10a, KR10b, Koc91, KP05, LC91a, Mar88, MAR87, RT18, SW90, Ume85, ZA91].

macroeconomic [BMB+08]. macropipelines [WAS88].
magnetic
[CCN06, LdPLC+19]. Main
[DM99, BBH+17]. Maintaining
[HS94a, LMP10, LY98, YC04]. maintenance
[CDCD05, GHL19, MAPF14, WDDK09, X005]. Major
[SSL04]. majority
[ZWS09]. make
[AS19]. makes
[GG19, LZ05, SSM+07, TFMS15]. Making
[LLT12, LFA96, VR95, ZKZF18, AKK+19]. Making-a-stop
[LLT12]. Malicious
[CDW+19, HMY+18]. Malleable
[FZWL12]. malware
[TY17]. manage
[ASD09, PST+19]. manageable
[GRZ+18, dAMFdS13].

Management
[AS13, AS15, BR02, CKK00, CY99, HILLY95, HTL99, JM00, KER01, LZ02, LO96, RDS02, RSB01, T92, WLID02, YD98, ZRC99, AM11, AK18, BGV14, CF19, CKM17, Fu10, FX10, GPT06a, GJG88, GBA08, HCM11, HM00, HCO9, HSS12, HLSL04, HHK15, JH+17, KK11, KL+11, LCC+05, LC11, LAS+19, LJQ+19, LAGK07, MBS+12, MLMSMG12, MCP+18, NPS+19, NAB+11, NTC03, OJP+18, PY09b, PF04, RWB+13, RAN+17, SNMB16, SDTO14, SS08, SB12, SA19, SK05a, SLG+18, SL06, TZ07, TZN11, TB90, WYW15, WZZ+17, XRB12, ZMC06, ZV12, ZHO03, dKG+10, SHSH17]. manager
[Gai87]. Managers
[AB84]. Managing
[AKBD10, FGKT97, SEP96, SS17, SLZ+19]. MANET
[YAA10]. MANETs
[Hu11, YA11, ZA05]. Manipulation
[PH91]. Manipulator
[M85, NS90]. Many
[CHLL18, DDO+18, HP95, SR97b, AFA13, APRA18, AA16, AR17, BBBC12, CKK+13, FTM+19, JHF+17, Lai14, LWC+18, LTG14, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, TCH12, ZLS17, dCPD19].

Many-Body
[HP95]. Many-Core
[DDO+18, CHLL18, AFA13, APRA18, AA16, AR17, BBBC12, CKK+13, FTM+19, JHF+17, KSG13, LWC+18, MBBD13, MZC18, PCMM+17, PTK+13, PR13, RLA+16, RLA+17, TRI09, TCH12]. many-cores
[ZLS17]. Many-to-One
[SR97b]. manycore
[ETS14, FCP+15]. map
[IZ12, IB04, CKML12]. Mapped
[BF97]. Mapper
[AM93]. Mapping
[AGG98, BR08, BSB+01, BA92, CN93, CHR94, CW92, Dja04, GH98a, GW99, IAS+92, KBBG92, LW90, LWW16a, Lo92, LWY97, MM00, MAS+99, NB93, SH90, Ser97, SBAM96, TBG17, XH91, ZZ90, BS7, BLMB13, CGM94, CDAN14, DFST13, DQR+09, FL14, HA91, KG19, KSS+07, KMS+06, LW16a, LB89, Lo92, LL07, MTL+18, PMAL11, YWJ18, YWG15, ZL19, ZWRI07].

Mappings [BP02, DP00, Iqb92, SR97a, SR97b, SSHC00].

MapReduce [ALTV13, AM17, BK13, BD11, CCA18, CLW+19, CLOL17, GYY+14, LY91, LW16a, LWQ09, NMS+18, NF16, Pa13, uRL+18, SMT15, VETT18, WTWZ16, WDI3].

MapReduce-based [BP02, DP00, Iqb92, SR97a, SR97b, SSHC00].

Marathon [LHNBB19].

MaRCO [ALTV13].

Marginal [WLID02].

Marine [YWJ18].

Maritime [WWA+18].

Mark [Ano92c].

Marked [JSS92].

Marker [MG98].

Marker-Based [MG98].

Market [CKMP17].

Market-based [CKMP17].

Marking [BBH+98].

Markov [BC11, VM95].

MASC [TJCB10].

Mashup [CLW+19].

Mass [HLL+95].

Massive [SANY94, FCG+14, JWH+17, ZB09].

Massively [BS90, BDHF90, DAE+17, EHMN95, GGN93, GBES93, JBL02, Kri92, KP05, MM93, MT96, NDZA99, NS92, PE93, Sch90, SRK95, TAA+17, UG+11, WT92, YP96, BB87, BBCLL04, FLL14, GP91, HS86, JJ12, Koc91, LGRV19, RBB17, SPBR91, SMH+14, TS91, WZ91, LTKS90].

Master [BMT12].

Master-worker [BMT12].

Matching [BR94, D84, DAV+02, HS17, LO94, Par98, WSRM97, DKU15, GK10, HN19, KSJC17, KSSG14, MP17, MM07b, RS90a].

Matchings [SM89].

Matchmaking [LR05].

Material [LE19].

Materials [CXX+18, DAE+17].

Mathematical [HNSA07, DJH11, ZA91].

Matlab [MJ01].

MatlabMPI [KA04].

Matrices [Bas97, BSAM96, SBAM96, BDHF90, DBF90, GK98, GE94, KCRB99, KK98b, LPZ99, Li01, Man94, MSC96, NFE97, Par92, PK97, SW96, TLM94, UZ96, W92, Win85, mYyF92, ASA18, AAD05, ASES15, BGO19, BB85b, CP10b, CLR90, Dja06, Ede91, EL91, EM89, GA18, ITO96, KK86, LV93, LZ87, MM93, MT96, MBW09, MW16, MS87, NCT09, OT96, OT19, PB15, PR13, SAOKM03, ST89, SM08b, SAJ13, SE15, ZB03].

Matrix-Based [KCRB99].

Matrix-Transpose [SAOKM03].

Matrix-Vector [BK98, MSC96, NFE97, AES05, CP10b, CLR90, MBW16, PR13].

Matter [BGM+03].

Maturity [CJ98].

MAWS [AK06].

Max [DP98].

Maxcut [HP97b].

Maxima [GS03a].

Maximal [CWW96, G95, KW02, BCI5, MPR19, SPT09, SMT15, TFSZ14].

Maximally [Gao86].

Maximization [YZG18, LHX+16, LL12b, VLL+14].

Maximize [SSFP11].

Maximizing [MSC96, ROS99, AH06, CD12, DW12, KNS06, Li14, LLCZ19, MA11].

Maximum [ALS01, AS95, BLMB13, DDD98, FTL92, HP06, KEA95, Par98, mYyF92, AFDM+11, SM89b, WMW09].

Maximum-Throughput [BLMB13].

Maxmin [ZLCJ12].

May [STK12].

Maze [EL97].

Mbps [MLW+97].
MDS2 [ZFS07]. Mean [BA92, JBM91, LZ05, XBK07]. Means [DBC13, CDD+19]. Measure [ASR93, Kav93, PS93, SK89a]. Measurement [FPD93, KL01b]. measures [ASKTZ13, JKIE13, JZK04]. Measures [GR93, DBG14]. Measuring [ZYH94, Dl91]. Mechanism [Bal90, BCD00, JSM94, AS19, CG11, CG12, CMR+18, CCW14, GYY+14, GVA+08, HCM11, KO11, MBO11, PMdO11, RA11, Sf09, XO05, YF07, ZBW+17]. Mechanisms [KPC96, KC99a, ASKO16, KV10, ALLM11]. Media [WUG99, HK05, KLP10, XYDL06, XHY07]. media-based [XHY07]. Median [CCC92]. medical [CCN06, KDO+13, TSD08]. Medium [MSST99, KGN11, WLNL06]. mediums [WLNL06]. Meeting [AFH+19]. meetings [CRB19]. Membership [BMS19, LC14b]. membranes [PMV05, PMV06]. Memorial [Ano04r]. Memories [CH92, PH91, Sin95, Van93, GKK+13, KR17]. Memory [AD95, ACD+93, AMNO0, Alu97, ADS98, AS91, BR96, Bas97, BS96a, BCLR96, BF97, Bit92, BCR96, CRB19, CB95, CP91, CWP98, CA95b, CJ99b, DS95a, DY99, DA97, DUS94, DP00, DH95, DM99, DT92, EP90, FY97, GAG+92, Gra09, Gup92, GKH96, GHS96, Haw97, HMR15, HPT02, HA92, HA05, HLJ01, IWM97, JF95, KRC00, KS97a, KHS96, Kel00, KC94, LWY97, LK98, LK99, LH93, MF94, MR94c, MS98, MG91, NSS97, OS98, PHB96, PAM94, PA96, PB99, PL95, PY96, RL96, RSB96, RWK95, RJY96, RS00, SL95, SLL18, Ssh95, SS94a, SDS99, Slb96, SC91b, SB84, SN93, Tam18, Tj92, TtG95, TY95, VSIR91, VS16, Vn93, WW96, WD94, Wi92, YW91, YMR93, YB01, YL98, Zak01, ZHL+18, AM13, AL04, ACHY18, BC06, BMM08, BBH+17, BJS03]. memory [BBD18, BS92, BGM+08, BCF+94, CBP02, Car95, CC16, CGM14, CJA09, CPO+03, CK91, CDAN14, Cyb89, DFP06a, DT11, DI91, ETS14, Eij18, EKNS17, FZC+05, FJC04, FW+10, FLC14, JJG88, Gra10b, GL90, HDMC11, HGF10, HMBW07, HZHS18, HH14, Hus17, HC91, IH16, IRS16, ITT04, Joh91, KKR14, KRM14, KKLJ14, KMS10, KP05, LL90, LC91a, LLB+18, LH+18, Lop18, MTM10, MSV19, MSK+16, NXH+19, NST91, Nt03, No12, Pad91, Pk05b, PL03a, Pet19, Pop91, QGL+, QGZP17, QGZP19, RS19, RFPA08, RHH12, RDCQ17, SSG18, SYU07, SB15, SZOD7, SDS10, SM04, TW89, TGPUC16, VETT18, WL92, YGZ+10, YLB90, ZKZF18, ZPK+14, ZWL12, ZFL89, HZL18, MP10]. Memory-Access [Bit92]. Memory-aware [HMR15]. memory-based [No12]. Memory-Bounded [SN93]. memory-distributed [Pet19]. Memory-Electric [IWM97]. Memory-side [HA05]. memoryless [BKMT14]. mental [Eij18]. Merge [NT93, SM00]. Merging [VSIR91, AY09, DO98]. Mesh [AP94, Ann94, ADM+94, yCM98, CCC92, CWW+95, CLT96, CY96, CDP95, DR19, EL97, EHO1b, FZV02, Fc93, GPJA10, HHH94, IM00, JP95, JS94, JB95, KB01, LLJ00b, LME95, MD01, MP96, Mol96, Nak95, NSS99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, Zhu92, ZYO02, ABC+09a, ABC+09b, BB85b, CL03a, Car90, CWL+07, DJDK19, Dja04, DAB+14, Ef91, FLL14, GDL+11, GH89b, GA16,
GNZ18, HWWH08, HWC08, HR89, HR90, KKK11a, KHK18, KDH08, KT91, Lz08, LC90a, LC91b, Li06b, LC11, LWLD12, Los08, LB07, LV88, MLG05, MBR08, MRJ+19, NPGV10, PB90, Raj04, SI86, SSM89, SC91a, SSZ10, SS94b, S303, VHI08, WCXL11, WH08, WBRT13, XYKA08, YSL08, FC14. **mesh-based** [CL03a, LB07]. **Mesh-Connected** [Ann94, ADM+94, yCM98, CCC92, CW99+, CY96, CDF95, Fer93, HHM94, MD01, Zha92, ZYO02, BB85b, Car90, HR89, HR90, KT91, LV88, PB90, SI86, SSM89, SC91a]. **mesh-NoC-based** [FLL14]. **Mesh-of-Tree-based** [DR19]. **Meshes** [BLPV95, BPV96, BA97, BSDE96, BM97, BOS95, CW90, COS+95, CL96, DS01, FF08, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NP+96, NS94, OS96b, OSZ98, OB98, RWY93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY+00, BG16, BM04a, Cl03, CZZ+17, DV13, GLD06, KLC05, LWCC15, Mat06, dMS18]. **Meshing** [YIY97]. **Mesos** [LHNBB19]. **Message** [Ano94e, Ano95k, BB93, BKT95, BDH+97, CW92, CZZY09, CD98, DMSH90, dADB96, GBES93, GHS94, GHS95, GHS97, HN02, Is97, Kar92, LK96, Li92, LW95, MMCL+17, MD92, PY96, Pra16, SCMB90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BPW05, CV90, CPA+11, CJA+19, DLM19, DNT10, FM07, GH90a, GKO4, HZA+15, Hal05, IRRS16, JLM08, JZZ+17, Kak15, KMS10, KS13, LR06, LR03a, LWK+19, LW19, PS14, She06, TW87, TGP16, vS91, KTF03, PS01]. **message-driven** [GK04]. **message-optimal** [CV90, DLM19]. **Message-Passing** [CW92, dADB96, GBES93, HNM02, MD92, XH93, NZ01, DNT10, GH90a, IRR16, Ka15, KMS10, KS13, LR06]. **Messages** [ALI97, DLP99, FBDC99, LTWY95, LT96, SKH96, ASK713, BD04, CL90, GPT06b, HBSABA19, KLC05, XL15]. **Messengers** [FBDC99]. **Meta** [SWC+91, DÖ06, GVBB13, KKS+12, LGZ+10, ZHO03]. **meta-heuristics** [ZHO03]. **meta-learning** [LGZ+10]. **Meta-rules** [SWC+91]. **meta-scheduling** [GVBB13]. **meta-task** [DÖ06]. **metacomputers** [Li05, LCM+06]. **metacomputing** [BGH+03]. **metadata** [HOE+09, ZV14]. **metahuristic** [MMK+11, ROB+18, TLW18, WM13]. **Metaheuristics** [TH11, TH13]. **Metalevel** [Zim96]. **metaphor** [SK89b]. **Metasystems** [GWWL94]. **metering** [HRK+19]. **Method** [AC16, BC94, GhH92, KKL98, PB99, WS97b, XL92, XL95, ZYH94, AST12, Akr19a, ABC+09b, ATD13, BFH90, BR91a, BB+06, CLC+17, CW15, DM17, GNZ18, HGX+19, KP05, LR14, Luk85, Mit07, MVP17, MA19, MRT18, ORR03, SH+13, SMKL03, WCKD06, WPC19, WHW+19, XWC+08, YLL17, ZB03, dIAMCF12, PPTV+10]. **Method-Level** [AC16]. **Methodological** [BHOv02]. **methodologies** [DMS+16, PSGS17]. **Methodology** [Ano92a, BJK99, KME92, LR93, MB92, NMS93, PA94, PA01, SKR93, SK3, CSJ+13, Che86, DSEP17, GL89, KME92, LdSB+18, MSAZ10a, MSAZ10b, OMT+17, PF91]. **Methods** [Bas97, BSMG90, BR95c, Cas93, FGKT97, GL92, Kap93, KB01, Par92, SHT+95, Wor93, XH93, BDjQ86, BM08, CEGS07, DKUC15, EE05, KG04,
LLW07, LHT08, LWW18, LS06, MS05, MXSL12, MSJ05, MKM16, NSA11, NMM+14, PVP18, PMHM19, RB12, RKK06, REZN17, SSCP12, SGAC14, SMO+18, SY04, SG08, SJS11, TZ07, TZI11, TM06, TC13, TY17, TWQS12, VLB18, VA03, VRM10, WW18a, WZX+19, WZH+19, XHG03, XG03, YK04, YC04, YCC05, YSS11, ZMC06, ZGW+19, ZHO03, HC09, RBP+11].

**Mobile-Process-Based** [SMR96].

**Mobility** [FCF00, GCF00, KO12, BEN12, CKT11, FX06, HC09, LL19, LZN19, RKK06, RBP+11, SK05a].

**Mobility-assisted** [KO12].

**mobility-aware** [LL19].

**modal** [AM11, BWP+11, Kar19].

**Mode** [NDZA99, WSA+94, BKS91, FCS91, YZX11].

**Model** [AGW01, AISS97, AM17, Ano97l, BFJ92, BA97, CC91, DL98, DKUC15, DG94, DF94, FTL92, Gao93, GDN+98, HK96, HR92b, HR92a, JRR99, KSP+92, KCV99, MRRV98, MNB95, NDZA99, OKB95, QY94, SANY94, SAC+98, SS18, SSK96, WSA+94, eW95, AAH17, ASKO16, AHZ11, ASES15, BMB+08, BBBC12, Ben19, Bi90, BG05, CLW+19, CBD+09, CH06a, CAKI3, CXX+18, CDJ+89, CRC+02, DZC17, DJH11, DKC14, DRT07, DXS+19, GJI2, GPSh19, HM+18, IEWK17, JLW11, Kao04, KyLPC17, KC17, LR14, LMGLGLG17, LFH+03, LZY11, LMXJ18, LWXX19, LTKS90, LCJ+18, LA06, LGK+12, LWWQ18, LXZ13, MS19, MM06, MMN+18, MMVL11, NV19, NSKN17, NSTN91, NJ91, OO05, PV19, RSR04, RH12, SS07, SL90, SK05b, TR89, TLL+18, TJC10, VHH08, WWW17b, gWW18, XYZW14, YJJ91, ZA91, dR09, GB06, KR11].

**Model-Based** [KSP+92, DXS+19].

**Model-driven** [SS18, ASES15, LGK+12].

**Modeling** [ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DDO18, DI91, FMW94, GHC+17, JZ05, JZK04, KNS91, LP96b, LpJS18, PLD14, Pat01, PMMA15, QS05, RP98, SCM99, SFT+13, SCK03, SS00, TK07, WPC19, AP91c, FX06, HES11, JWH+17, Joh91, KME09, KKK+11b, LWWC15, LC13, LF03, MCM+11, MSAZ11, NSA11, ORWT+18, RA11, SV08, UMM+18, YL12, YZW+15].

**Modelling** [Wu11, HNSA07, KME89, KKTZ13, RK18, SAOKM03, Sie16].

**Models** [AGW98, Ano96l, ABM+92, BDF92, Bir94, BSS99, HRSS95, CD97, CDF01, Cuz11, Cuz13, GAG+92, MM00, MLC+90, RHH96, SM92a, SSOB02, SM92b, ASA18, AFH+19, CkLCK04, CkLCK05, CIA09, DXS+19, DKK04, Eij18, FTM+19, GLGLBG12, Har91, HK05, JKIE13, KVNV17, MMAL+06, Nes10, PL03a, PF91, Pop91, Rao16, SZR+18, SS06, SRI14, SQQL19, TJC10, YQTV12, ZZ90, dG91].

**modern** [EFG+14, GS18, YFS+15].

**Modes** [GGW96, SSG93].

**Modifications** [PM92].

**Modified** [WS97b, ZLP91, CCC+19, GLW14].

**modify** [CH06a].

**Modular** [AM95, DD93, FC95, RAS96, BM17a, CBP02, Dja06, ZBW+17].

**modularity** [GK04, LC15].

**Module** [AM97b, EL91, MC91, ZFL89].

**Modules** [DP00].

**modulo** [YLB90].

**Moldability** [CB02].

**moldable** [SC12b].

**Molecular** [ES96, NPY+97, SPV+03, TSA97, GFM+03, LHJ19, PARB14, PTK+13, WYTX13, XLH13].

**molecules** [BOT13].

**moment** [RMU14].

**moments** [TR5+12, XLH18].

**Monitoring** [CSMML10, MLC+90, ST14, TG97, ZNQ93].
monitors [TH08]. Monotone [HJDH01]. monotonic [MAHKZ12].

Monsoon [HCAAA93, NCA93]. Monte [Bro96, PAS15, ZS13]. MOOC

[MBG+17], morphological [SSL04]. Most [BS97, HHG98, TAs+01]. mother [MC03]. motifs [RSL2]. Motion

[CP92, RR95b, OPG08]. movement [AKBD10, KSB11], movements

[CKT11]. MPEG [CDH84], MPEG-2 [AAL95]. MPEG-Encoded [CLV95]. MPI [PS01, ATM01, BA06, BDH+97, CEGS07, DPP05, DPPD08, DMMK19, FKL08, GM13, HcF05, KYL05, LC97, MBBD13, Ncs10, NCB+17, PARB14, TPLY18, WLN06, Zhang12, dIAMCFN12]. MPI-2

[DPPD08]. MPI-CUDA [dIAMCFN12]. MPI-FM [LC97]. MPICH

[KTF03]. MPIC-G2 [KTF03]. MMP [DM90a]. MPSoc

[FLL14, LXL11, OMT+17, ZXYO11]. MPSocBench [DM+16]. MPSoc

[LW16a, MTL+18, TBB+17]. MR [MF94, uRIL+18]. MR-1 [MF94].

MR-Advisor [uRIL+18]. MRI [Goh+13, SHT+08]. MSA

[BFK13]. MST

[Fre95]. Mukesh [Ano961]. Multi

[ACU08, BG86, BBH+17, BA95, FP914, LK15, LWH+19, MAM05, MCHZ14, NB98, OMT+17, PKN10, PRS17, SR88a, Ser97, SM00, VLL+14, WW96, Wil92, YMG01, AHI11, ASS19, ADDB18, AGMJ06, AVAH18, BS07, BWP+11, BLMB13, COV13, CDD+19, CKC19, CMMT13, CCHC09, CMC+19, CLE09, COF+17, CDW+19, DBA+18, DMFCFM03, DWYB10, FCW11, FCZ+12, FM07, FTM+19, GDL+11, GS18, GKS15, GCS06, GZY14b, GB11, GSASA19, HRM17, Hu11, Hu17, ICQO+12, IIH+17, JJ12, JLWX11, JV06, KVA18, KSG13, Kep03, KVHS07, KKN13, KN18a, KN18b, KH18, Kuhn17, LKS14, LL07, LSS+11a, LSS+11b, LZY11, LNAL17, LZW19, LS03, LSC+15, LY13, LPLFMC+12, LLS+16, MS19, Man13, MB13, MPV12, MZ18, MPN17, MAHKZ12, MRJ+19, MGRK14, MZC12, NDP13, NL19, NFH13, NVK+11, NC09, PYP+10, PTN+19, PKW+10, QSL+08, QGL+09, RLA+16, RLA+17, RB12, RR05]. multi

[RA11, ROB+18, SNMB16, SFT+13, SCB09, SHT+13, SSZ10, SJ13, SHRM19, SM10, Sta17, Str12, ST05, Ta19, TGPUC16, TRS+12, Trä99, TCH12, VBDRC13, VFA17, WCL+13, WQL14, WQZ+13, WH17, gWW18, XL11, YZS15, YHWY18a, ZMG+16, XZB14, ZLS17, dCPD19, DAPR18]. multi-

[KSG13, ZLS17]. multi-/many-core [KSG13]. multi-accelerator

[ICQO+12]. Multi-Agent [Ser97, ZS15]. multi-attribute

multi-budgeted [Sta17]. multi-channel

[CCHC09, CLL09, GDL+11, GZY14b, SSZ10, ZMG+16]. multi-chip


[AVAH18, BLMB13, CDD+19, CMMT13, CMC+19, DBA+18, DWYB10, FTM+19, GS18, GKS15, Hu17, LKS14, LNAL17, LSC+15, LLS+16, MAHKZ12, MGRK14, RLA+16, RLA+17, SNMB16, SFT+13, SCB09, SJ13, SHRM19, WQZ+13, WH17, XZB14]. multi-cores
multi-CPU [TRS+12], multi-criteria [LL07], multi-device [VFAD17], Multi-dimensional [NBP98, DMCFCM03, GB11, KVHS07, KKN13, KN18a, KN18b, LZY11, LZWZ19], multi-epidemic [AHZ11], multi-functional-unit [QSL+08], multi-GPU [LPLFMC+12, MB13, NFHL13, ROB+18, TRS+12, VBDRC13], multi-granularity [WCL+13], Multi-heuristic [PKN10], Multi-hop [MAM05, YMG01, FCW07, FCZ+12, JLWX11, KHK18, MPV12, NC09, RB12, ZMG+16], Multi-level [ACU08, LWH+19, OMT+17], multi-link [WCL+13], Multi-Mesh [SM00], multi-message [FM07], Multi-modal [BWP+11], multi-model [gWW18], Multi-objective [FPF14, ADDB18, COV13, COF+17, CDW+19, NL19, Tal19], Multi-operator [SR88a], multi-pass [MPN17], Multi-path [VLL+14, LS03], multi-phase [Man13], multi-policy [SMB10], Multi-processor [Wil92, LY13, RR05, SHRM19], multi-processors [JJ12], multi-radio [FCZ+12, GDL+11, SSZ10], multi-robot [IL11]. Multi-Ring [BA95, BG86], multi-robot [III+17], multi-secret [LWH+19], multi-sensory [HRM17], multi-service [RA11], multi-spectral [GSASA19], multi-swarm [dCPD19], multi-target [NDP13], Multi-tenant [PVRS17, YHWY18a], multi-thread [DWYB10, ST05], Multi-threaded [BBH+17, LK15, ASSS19, Kep03, PYP+10], Multi-tier [MCZ14, MS19, MZZC12, QWL14], multi-unit [XL11]. Multi-vehicle-type [PTN+19], Multi-Version [WW96], multi-year [Kun17], multi-zone [AGMJ06, JV06], multi/many [Trä09], multi/many-core [Trä09], multiagent [JI11], Multibody [JBL02], Multicast [AZ01, ABP92, CLZ02, GK98, LEN90, Lan94, LHHB+01, LME95, Mck94, RJMC95, RMC97, SY01, WB01, Yan00, CS08, CWD11, DDG+17, GZMC08, GS03b, HL07, KDH08, LMZ04, LHT08, MAG13, MK08a, PA11, SKMM04, WW12, XG+06, YF07, YCH+10], Multicasting [BETD94, FF98, Gon98, GS03b, LBT94, WE13, LSXX14, WCC02, XS06], Multichannel [HP97a, Mck94, WIR+18], Multicomponent [WW96], Multicomputers [ASB97, DG94, GEB93, HILLY95, JR95, LK96, MLW+97, PA01, RU99, XH93, AP91a, CC96, DB86, GJ12, Li06b, RS90b, Yan04], Multidimensional [GC10, LS94, RS92a, DMK19, dADC18, KT91, LB89,
PMV05, QSL+08, SC91a, SJG19]. Multifaceted [Won99]. multfluid
[LW16b]. Multigaue [LR94]. multigrain [ABC+09b]. Multigrid
[MT96, MHC95, PSE+01, IHH05, MRS+14, WH17]. multihop
[CDCD05, HW03, ZLCJ12]. Multilevel
[BW89, KK98a, KK98b, SKK97, KLI5, MMS09, PAS15, SZW05, TK08].
Multilinear [ECWV19]. MultiMedia
[CCQ+06, ALL99, AZ91, GC95, JSCB95, LBL95, Won99, WUG99, ZR00,
AFL+19, AM12a, LVP07, ZV09a, ZVL11]. Multimedia-on-Demand
[JSCB95]. Multimessage [Gon98]. Multinode [VB94]. Multipacket
[MS94, RR95a]. multipartitioning [DMCFM03]. Multipath
[LY93, KPR88, OMT0, SH98, WGS08]. multiperiodic [TW89]. Multiple
[ALL99, ADS98, BOSW94, BO+95, CCC92, DLP99, FGKT97, GH93,
KS97a, KC98, KJ84, KM91, LMCF90, LSC00, NSAS10, Par92, SM94,
TVS97, VSR91, VB02, WNA+94, Wan96, AFK14, ACU08, BXA08, BOT13,
BFKW13, BSMH08, BFKP04, Car90, CDS10, CHC05, CCLS94, DMB+03,
DKUC15, GRV98, JEWK17, JSWB92, JTT21, JM15, JP09, JW89, KAP90,
KSS+07, KR87, Kunn17, KIH15, LLL06, LY10, LPX05a, LDP+14, Li93a,
LSWC14, LB07, LWQ18, MV05, MHBW86, PTZ06, PHS04, PLK+18,
SK09, SPRG+12, SI13, SZ03, SRT+18, XCC+19, YB90, ZWWX16, TJCB10].
multiple-bus [MHBW86, YB90]. Multiple-Pass [Wan96].
Multiple-Writer [KS97a]. multiplex [ZXGD18]. Multiplexed
[HP00, HR+11]. Multiplexing [AM95, PD92, QMCL94, QM01, ZLPP01].
Multiplication [Fag92, Lio01, NFEG97, AES15, BGO19, CLR90, EL91,
IT04, LV15, MBW16, MPG17b, PR13, SKH15]. multiplicity [PMHM19].
multiplier [MS87]. Multipliers [SRK95, BO91]. Multipole
[SHT+95, YB01, KP05]. Multipole-Based [YB01]. multiprecision [MS87].
multiprefix [Coh90]. Multiprocessing
[CDH84, MBK+92, ABC+88, JS86, ZLWL12]. Multiprocessor
[BW95b, CLK99, CP91, DS96, DRC90, DFN+94, GH90, GMM00, HP00,
HC95, HN91, KS97b, LYE02, LF92, LHN04, MF94, MMRS98, MT95,
MMVR97, MD92, OM90, PL95, PM96, PP92, QY94, RS91b, SEP96, Soh96,
WF93, XZ96, ZNQ93, AA10, AOSM05, BHR91, BR91a, BYG+18, BS92,
CRJ10b, DI91, DMS+05, GL89, HDT+05, H191, HC91, JWSG14, KA05,
Lee90, LHK03, LI16, LW89, LV07, McA98, PK05a, PI90, SK09, SM9a,
SYU07, TS91, YL89, ZS90, ZQM11]. 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, SDS99, SD00, SC19b, TGG95, VSR91,
YW91, YMR93, YL98, AP91b, BC05, CLM06, CRJ10a, Cyb89, FZC+05,
FGP05, Gai90, GL90, HCM11, HRG+11, KA03, KK11, LEN90, LE91,
LP+10, LWPG14, NSTM91, Nik03, RFPAG08, SPBR91, SD91, SM91,
SA90, YB90, DOCS14]. Multiprogrammed [MS98, NSS97, NPP+02, YL98].
multiprogramming [DIF91]. Multirate [HJDB01]. Multireader [HV95].
Multiresolution [KZ96, ZM94a, CL85, SHRM19]. Multiscalar [VS99].
Multiscale [BFL+13]. Multisearch [ADM+94]. Multiset [AFS96].
Multisearch [BFL+13]. Multisearch [BFL+13]. Multiset [AFS96].
Multistage [AA95, BETD94, LC96, OM84, PL93, SZB92, TH02, Tze91,
UR94, Wan96, Wan01b, YWP00, ATH91, BJ15, CM04, FZ90, HJ90b, Har91,
JBM91, LK90, MVM04, PW16, PW17, SH89]. Multistage-Network [UR94].
Multistart [Cza13]. Multistep [GGR89]. Multiswapped [Ste17].
Multitask [LST+13]. Multithreaded [BJK+96, BLG01, GGB93, GRS97,
KC99a, PS01, RNSB96, RSBN01, SAC+98, Ssy97, TG99, YMR93,
ACD+18, ABC+09a, CN14, LLLC15, NZ17, SLG06, TP18, TKHG04].
Multithreading [BL96, FKT96, KPC96, LK13]. Multitonic [Sei05].
Multiuser [BAL05, ZRC99]. Multivalued [HV95, HV09]. Multivariate
[HK01, MMAL+06]. Multiversioned [Ahu90]. Multithreading
[BL96, FKT96, KPC96, LK13]. Multitonic [Sei05].
Multiuser [BAL05, ZRC99]. Multivalued [HV95, HV09]. Multivariate
[HK01, MMAL+06]. Multiversioned [Ahu90]. Multithreading
[BL96, FKT96, KPC96, LK13]. Multitonic [Sei05].
Multiuser [BAL05, ZRC99]. Multivalued [HV95, HV09]. Multivariate
[HK01, MMAL+06]. Multiversioned [Ahu90]. Multithreading
[BL96, FKT96, KPC96, LK13]. Multitonic [Sei05].
YZY96, ZLP97, ZMPE00, ZW00, dBL95, AP91b, AHA+16, AR17, Ano04d, AF06, AM11, AS19, BFH+17, BM14, BCO+12, BXA08, Bat05, BWP+11, BJ15, BAL05, BPA06, CKO04, CCAAS19, CMMN10, CMR+18, CKN07, CLG+16, CDB04, CWL+07, CWP12, CLXX19, Che89, CVJ09, DE91, DR19, DAPR18, DYL+12, Fk89, Gai87, GJ12, GZMC08, HWWH08]. network [HD10, HWC08, HMY+18, IS06, JF12, JXW06, Joh89, JZK04, KERUM04, KJD03, KMC16, KO11, KO12, KCD08, KRS15, KH12, KO90, KPR88, LT10, LAD+96, LSS+11a, LSS+11b, LB12, LTD+93, LY08, LTL12, LUI4, LY13, LRS18, IWC14, Nap90, NPS+19, NS90, NM17, NGQM12, OO05, PL06, RH05, RD05, RCG18, RGAN18, RSL12, SMW18, SSB91, SHK19, SCW+18, SS05, STKW12, SY04, SK89a, Sta17, SMKL93, TM06, TDP15, TCHC12, TYD+19, VM95, VHH08, VR86, VRM10, WL11, WW18b, WMC+18, WLYS19, WG11, WLZ+18, WWA, WHS+18, YGWJ19, YK04, YLZ+18, ZWS09, ZY12, ZWR07, dG91, AA14, SLW10, SLG+18, ZCF+17]. network-aware [RCG18]. Network-Based [GS01a, OM84, PN97a, PN97b, CVJ09, KJD03]. Network-on-Chip [BJS18, DR19, GJ12, LY13, AA14, ZCF+17]. Network-on-Chips [LK10]. network-When [STKW12]. Networked [FGKT97, HS97, LHM95, Oey07, BW09, FX10, HP06, JL11, SS08, XLL15]. Networking [Ano01e, GCY04, Bou03, Dwy10]. Networks [AAD02, AZ01, AS97, ABP92, Ann94, Ano92c, Ano93e, Ano00d, AA95, BSS97, BAES92, BCH95a, BETD04, BCD00, BDF01, BCH95b, CP97, CT96, CS00, CAB94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DLO1, DF95, DZ97, DC94, FCF00, FT94, GGN93, GPJA10, GK98, GHKS98, GO95, GP99, GB93, GS01b, HIV97, HLC90, HJDH01, HJ+01, JR92, JH92a, JLRA97, JH94, KKG91, KL01a, KR98, JJ84, Jla95, LBL95, LY93, Lee94, LL00a, LAZCO0, LPS+98, LWOG02, LHHB+01, LC14b, LP95, MS00, Man94, MLW+97, MSH90, MS85, Mck94, MDD97, MSEM+19, NRS05, NSS99, NS92, OD95a, Ola01, Oos85, Oru87, Oru94, OK01, PRW94, PA97, PA01, PL93, Pin01, PK97, PRA93, QML94, Qha97, Qm01, RS96b, RP98, RMC97, Ros99, RLS96]. Networks [SW96, Sel05, SZ92, SL98, SZ00b, SF90, SCD99, Sy95, THGY15, TVO92, TP9+19, THD02, VB02, WM92, Wan96, WR97, Wan01b, WB01, WP02, WAS95, WI92, WT92, YWP00, Yan00, YN92, YMG01, YP96, ZHW19, ZZC92, AP91a, ASM90, AGMS16, AAD03, AB05, Amn16, 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, Blm87, Bod89, BR91b, BC11, BN03, BJL18, BZL04, BMIM07, CI03, CM04, CG12, CB15, CFI+18, CKC19, CC14, CCW14, CNS05, CK07, CW05, CS06b, CCK+08, CS10, CTC+10, CRWX12, CGC16, CHCG18, CS92, CDR09a, CDR09b, CYZ06, CCG+09, CDC05, CPA+11, CRSB13, CM93, CKML12]. networks [CMS04, CT04, CTT16, DF17, DW06, DLL11, DK11, DD96, DMB+03, DGBN14, DB08, DBW+18, DBC13, Din04, DKM10, DF06b, DH04,
EAL90, EBE08, EMC19, ESGQ+18, EM11, EDH+17, FCW11, FCML13, Fei03, FY86, FZ09, FCZ+12, FJG06, FKJG08, FMM+08, FVCL05, FD86, FGL+11, FZ14, GHY10, GPT06a, GJ12, GRV08, GDP08, GP07, GCY+04, GDC+18, GSS03, GDL+11, GH89a, GHIJ9, GAGPK03, GYP13, GZ+14b, GM4a, GB11, GL12, GJXZ05, GS03b, GMXA07, HW03, HZA+15, HMV07, HJ07, HJ90b, Har91, HS06, HZY04, HS12, HRG+11, HT06, HDT+05, Hoh90, HL07, HZDP12, HJLR12, HMY+18, HBAD15, HS17, HAC17, ISAZ07, ISAZ10, IB04, JF12, JT88, JLY12, JBA15, JBS14, JHPL13, JBM91, JLWX11, JBY+05, JKV15, KTP17, KKVI05, KSSL16, KSI04, Kar19, KKK11a, KK06, KAO09, Kim11, KKKP12, KSK15, KHK18; networks [KGN89, KMF+05, KZ11, KKS09, KMS07, KDH08, KKK+11b, KKTZ13, KHS9, KGN11, KNS06, Lai15, LL19, LBGM15, LZO8, LK90, LR06, LDZ+17, LHKL03, LY10, LNA12, LR03a, LCW05, LPX05a, LW06a, LT07, Li10, LC11, LMJC11, LWLD12, LL12b, LHW14, LSXX14, Li14, LpJS+18, LGM18, LWXX19, LS03, LC07, LR03b, LLW07, LHT08, LZC11, LHLM14, LSD16, LW18, LH+19, LHP07, Los08, MLG05, MAGL13, MM04, MAM05, MSM09, MYM10, MAPF14, MV88, MPV12, MA11, MSZ05, MBMC19, MCS14, MS88, MVBO5, MBR08, MYD+11, MKC+09, MAJJO5, MVM04, MVP17, MBO11, MSAD1, MHBW86, MK08b, NPGV10, NJ91, NPE+19, NSA11, NFHL13, NC09, NMM+14, NZA13, OWK14, OM10, OMSGNS05, Pak89, Par05, PK05a, PL06, PLY15, Pel90, PCX+11, PCX+14, PSC+16, PKW+10, PW16, PW17, PV07, Pla08, PRL07, PMCC18, PB09, RM10, RM11]. networks [REK10a, REK10b, RLP14, RFS+12, RKK06, RBP+11, RA11, RHL08, SCN12, SAOKZ05a, SAOKZ05b, SMP15, SB12, SX08, SZ09, SZMK13, SGAC14, SSZ10, SGS08, SKMM04, SK05a, SL89, SR88b, SR90, Ste17, SK05b, SCCL10, SK11, SJ89, SH89, TBHA07, TLY12, TODQ18, TDC05, TC13, TMK+17, TM10, TDM05, TR08, TSC+10, TWQS12, VO89, Var91, VA03, VRM10, WCC02, WW07, WGO8, WTB+08, WGS08, WMW09, WBTM09, WW12, WCL+13, WYW15, WFLJ16, WW18a, WCXL11, Wi90, Wu85, WTS03, WH08, WL10, WBR13, WHW+19, XYKA08, XCLR07, XHG03, XQ04, XWC+08, XHZ+10, XC03, YpGyLlC13, YME06, YF09, YDZ+18, YL89, YSL08, YWW12, ZV06, ZMG+16, ZMC06, ZW11, ZBR11, ZLCJ12, ZCMY12, ZX09, ZXGJ18, ZSCX18, ZDC06, ZTGL17, ZLS17, ZHO03, ZC04, DOB+15, ALLM11, LDZ+14, LDP+14, LK11, MLCFH+18, MR03, MEMEM17, PRP09, RBP+11]. Networks-on-Chip [MSEM+19, HRG+11, KKK+11b, LHLM14, ALLM11, LK11, MEMEM17]. Neural [AA93, Ano92c, BST01, CW92, FT192, HPT+97, JH92a, KJD03, Kri92, LWG02, MM00, MLCFH+18, Mon94, NS92, Piu01, Ram92, TVO92, WT92, ZC92, eW95, Ar89, CLXX19, FK89, GH89a, Joh89, KHS9, OGRV+12, PGP+12, SMKL93, Tor89, TDP15, TYD+19, VM95]. Neural-Network [CW92]. Neuro [MT97b]. Neuro-Chip [MT97b]. Neurocomputer [GFB92, Ram92]. Neurocomputing [Ebe94]. neuronal [VO89]. neutrino [AAA+15]. neutrosophic [MHLZ16]. Newest [AK17]. Newton [Pet19]. Next [NAB+11, HPB+10, RKK06, SB04].
Next-generation [NAB+11, HPB+10, RKK06]. nexus [LC14a, FKT96].
NIC [JBY+05]. nine [DM17]. nm [HRF+11]. NMC [SANY94]. NN
[ZHT16]. No [KF90b, IR12]. NoC
[AA16, CZPP16, CAF+11, DJDK19, FLL14, HRF+11, LZI+11, LW16a, LK11].
NoC-based [HRF+11, CAF+11, LZI+11, LW16a]. NoCs
[BK18, CG17, LK10, MP10]. Node [AAD03, BGO19, HAC17, KKS09,
AKBD10, DLLL11, DM17, FKL08, GM13, KHN17, KVA18, Lai14, Lai15,
Lai17, LDS16, PCX+11, PCX+14, RS19, RMHR17, SJJG19, TR08, Zah12].
node-disjoint [Lai14, Lai15, Lai17]. Node-independent [HAC17].
Node-ranking [AAD03]. Nodes [GP97, NSL99, SS95, CK91, DB86,
LKS14, LWW18, NM17, SI13, WGS08, XYG07]. noise [SFT+13]. Non
[BH05, Li19a, TVT+17, BGG+14, BKMT14, CLO9, GOH+13,
GRDB05, GTGLSA12, HZH18, HLL+19, KK10, KR17, Lai86, LHWJ19,
L06a, MM07c, MAR05, NV05, WMY+17, WLNL06, ZPK+14].
non-blocking [KR17, QSO5]. non-Cartesian [GOH+13]. Non-clairvoyant
[Li19a, Li06a]. Non-cooperative [TVT+17, GRDB05, KK10].
nondedicated [HLL+19, MAR05, WLNL06]. non-deterministic
[GTGLSA12]. Non-evolutionary [BH05]. non-first-in-first-out [Lai86].
non-functional [WMY+17]. non-linear [BKMT14]. non-memoryless
[BBFN14, CLO9, LHWJ19, MM07c]. non-volatile [HZHS18, NV14, ZPK+14]. Nonatomic [Sin95].
Noblocking [JSM94, MS98]. Noncooperative [GC05]. Nondedicated
[Ano97k, YZ96]. nondense [WF90]. Nondeterministic [CY95].
nonequivalent [NJ91]. Nonexpansive [Bah00]. Nonlinear [AM93, DM90a,
ESMG96, MHC95, BBR16, CEGS07, GMP12, KKB+06, KUb17, Pet19].
Nonloop [Bec96]. Nonoblivious [FY96]. Nonredundant [Wu94].
nonscaling [Zha11]. Nontrivial [ACH18]. Nonuniform
[BBFN14, CLO9, LHWJ19, MM07c].
nonzero-based [ASA18]. normal [ZB03]. Normally [TOR+14]. NoSQL
[Luc18]. Note
[Ano01-34, Ano02j, NCRK19, Pell95, NUS07, RSVW91, Ano40d]. Notes
[THS87]. Nothing [LT94, PVG06]. notice [PCX+14]. Notification
[AB492]. notifications [APRA18]. Noting [HTL99]. notion [LJ86]. Novel
[GS+11, Lyc02, LLCL98, OS96a, BJS18, CWL05, CC+09, CLC+17,
COF+17, CWS+17, GB11, Hui17, JdSCJ+15, LTBO2, LMJ11, MS+13,
PLM18, SDG17, SKMM04, WBL16, WXZ+18, WXZ19, YF09, ZV9a,
ZVL11, ZBR11, ZWX16, ZLC18]. NP [BRR01, MPZ09]. NP-Hard
[BRR01]. NSGA [SMO14]. NT [BAHP01]. Null [DMSH90, BD04]. NUMA
[FCT+15, LE91, PB19, WF93]. Number [Ahu97, Ano92a, Ano92c, Ano93e,
Ano96i, Ano97k, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DNN06,
FSZ07, GA18, HSSM07, IC05, KCP19, Li14, PK89, Pet19, Pet18, PH16].
Numbers [NS94, Cui18, JD12]. Numerical
[BK95, Ben15, LLCO2, MRJ+19, RW01, CDPS18, EFG+14, NAK04].
NUTS [L90]. NVHT [HZHS18]. NVIDIA [JM15, KME09]. NVM
O [AW95, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, GGD93, GFPC14, JSCB95, JSWB92, LTH97, MLG05, NSSS99, NSPPC02, No12, WHW+17, WLWW09]. **O-Intensive** [EH01a, CkLCK04, CkLCK05, HZZ+19]. **obfuscation** [MMN+18]. **Object** [CSSY94, CS95b, DR98, GCB+00, HS00, JRR99, KC99a, LLS93, LTH97, Lop13, SG96, WPKK8, WLID02, WH97, ACFK07, Chi95, HD10, KC04, LRLC15, LFH+03, LCL11, SA19, SK90, SCK03, SRB+19, SFHS19, TCS+10, YJB91, ZV09a]. **Object-Based** [DR98, WLID02, ZV09a]. **Object-Oriented** [CSSY94, CS95b, HS00, SG96, Chi95, YJB91]. **object-space-parallel** [ACFK07]. **objective** [ADDB18, COV13, COF+17, CDW+19, FPF14, L¨U14, MMK+11, NL19, SJVRVVS19, Tal19, dCPD19]. **objectives** [FEH+14]. **Objects** [CLZ00, CDP95, HPT02, Kap93, SBAM96, VWHL96, WG93, Won99, van96, AEF11, MB19, SB15]. **Oblivious** [CRSB13, IM00, ABBD14, BFVB19, YME06]. **OBQA** [ESGQ+11]. **OBQA** [DKRC+15]. **Olden** [CR96]. **OLSR-aware** [KKK11a]. **OMEGA** [Ana93c, CS93b, S00b, GL90, CS92]. **OMEGA-LIKE** [GL90]. **OMEGA** [Ana93c, CS93b]. **OMEGAS** [PSB+19]. **On-Chip** [BYG+18, DDK19, KH12, LNA12, LLKY13, LXX14, LLT12, LWC14, MYD+11, PMCC18, UM17]. **On-Demand** [YLYC11, BS07, FVLB09, HZDP12, LSZZ15, NKK16, SEF06, WL05, XG03]. **On-GPU** [LV19]. **On-Line** [BDKM94, G98, JXZ+19, LPU97, OR+14, ACA+19, BS92, ECLV12, PF08, ZB09]. **Off-Line** [BS92]. **Off-The-Shelf** [PF08, ZB09]. **Offload** [Tr¨a09]. **Offloading** [Ale19a, LYJ+19, NLH+19, WL04, ZGW+19]. **offs** [CLR90, LCB16]. **OLAP** [DKRC+15]. **OLDEN** [CR96]. **OLSR** [KKK11a]. **ONEMANN** [Ana93c, CS93b, S00b]. **ONE-DIAMON** [LP95, TPA08]. **ONE-SIDED** [B90]. **ONE-STEP** [Y04]. **ONE-TO-ONE** [SR97a]. **ONRAMP** [FK+17]. **ONTO** [BR08, BS90, BS+19, DAYA02, DJa04, DQR+19, ERL90, RS90, GH89a, GW99, GM+06, LLS07, MM00, MAS+99, XH11]. **ontologies** [ASHO19]. **ONTOLGY** [PRP09]. **ONTOLGY-BASED** [PRP09]. **OP2**
[GMS+13]. opacity [KKW17]. Open [CA94, DDO+18, Kar19, ZSW14].
open-source [ZSW14]. OpenACC [OGM+19]. OpenCL
[AB13, MC17, PHW+13, PSB+19, RBB17, Str12, dAT17]. OpenMP
[AGM06, CCM+06, HLCZ00, LNW+12, LA06, PARB14]. OpenMP-based
[LNW+12]. operand [SR88a]. Operating
[MBL+92, PTN+19, SEP96, ASSS19, CDJ+89, FabG+19]. Operation
[HLJ01, Coh90, KNS91]. Operational [RHH96]. Operations
[BTZ98, FP99, FAGW95, HLJ98, KSA95, PKD97, Van94, ZK94,
BM04b, DT11, LMR05, SLZ+19, JSWB92]. operator
[CKLW19, CL85, TG03]. Operators
[BDKM94, SR94, SMO14, WH17]. Opportunistic
[LYJ+19, AM07, DBW+18, LWW18, WW18a, WWA+18, dKG+10]. Opportunities
[PJ18, ATKT19]. opportunity [KS03]. opposition
[WRW13]. opposition-based [WRW13]. OLS [GF89, HS86]. Optical
[AK93, Ano93c, BA97, BC01, CS93b, CLM90, DP99, DSD+97, DR18, ELS94,
ES97, GB93, HP97a, HQPT99, IWM97, LLJ00a, LLJ00b, LPZ99, MR03,
MC93, MB93, MG93, OS93, OS93, PEC95, QM01, RP98, SHC93, SL97,
Szy95, SH98, THN+93, TBPV00, WLY01, WHT00, YP00, YMG01,
ZMPE00, ZLP00a, CS90, CS92, KK17, KH12, LY13, McA89, NAK04, PDL14,
SQL19, WG08, dR09]. Optically
[DH95, EHO1b, Guo94, KN97, MKY+97, QMCL94, GMH+91, TRSS96].
Optimal [AMS94, AH12, AR97, AKPT99, BNS00, BBM+02, BSDE06,
BOS+91, BOSW94, BHK+94, CW00, CS93a, CA95a, CW92, CA96, CCC+19,
DS95b, DP00, DLF99, DT97, DF90, Edel91, FLFJ07, FM96, FXW03, FA95,
FAM96, FY96, GS91a, HV95, HKMU98, HM01, Ho91, HJD+01, HLL+19,
IZ95, JP95, JLY12, JB00, KERUM04, KUFM02, KS97b, KW02, Lai17,
LHS97, LSC00, LK94, LCW05, LL12, Li14, Li19b, LO94, LO96, LV88, LS01,
MS94, Man97, MW95, MPR19, Nak95, OS96b, OSZ98, OH02, PM05, PP06,
PK05a, Pel95, PL94, PV07, PM96, RR95b, San99, San02, SJ95, SZ00b, Sin87,
SV00, TR08, WL90, WLY01, WR97, WS95, WS97a, WN94, Wu94, WHT02,
Wu03, WLL08, Ya11, ZV14, WSS09, ZWR07, oPP00, ANP07, BM04a,
BPBR11, BS92, CV90, CMS04, CZ90, DKKV15, DLM19]. optimal
[Dja04, EB13, Gue86, HDJ08, Li10, LH04, LS05, LS90, LCB16, MD07,
MPG17b, NW88, NZA13, PY09c, PEL90, PW16, PA04, PLR07, RTZ11, SGR03,
SSM89, SGE91, Tam18, VS16, VAS+13, WC91, WIB12, WXC+08, ZQMM11].
optimality [HV09]. Optimally [TBPV00, GC07]. optimisation
[AD12, LL07]. optimising [PVR17]. Optimistic
[HF02, NH93, PW96, SS93, DWG03, JLM08, QS05]. Optimization
[BLG01, CGN+13, CLA+18, CLR00, DDGK13, DDE19, FM99a, FCF00,
HA92, KCRB99, KZ96, KLS90, LWY97, MBW16, MC17, OK02, PMAL11,
RL02, RNSB96, SMH94, SLHS19, TRSS06, VSM96, WCO+09, ALM+16,
ATH91, AF06, APK18, ADDB18, BCM87, BNBR16, BDGR13, BHTL14,
BMS19, BYH+17, CMMT13, CCK11, CL86, DJH11, GZG+17, GL12, HVW16,
JZZ+17, KS18, KA89, KKB+06, KLL87, LL10, LQM+12, LBT19, LGK+12,
MZC18, NS12, NST19, NL19, Ozt11, PTN+19, QS05, RCG18, Ren11, RRS+08, SS11, SCC+06, SZD07, SK90, SPPA19, Str12, TCMB+19, TPS+18, WMW09, WCL+13, WRW13, WQL14, WMG13, Wol88, XLHT13, XH18, YWD08, ZZJ+18, ZV12, ZI08, ZWX16, dCPD19]. Optimization-based [PMAL11]. Optimize [DRR96, HLJ01, SF05, TdAR18]. Optimized [ABDS02, Bar05, LMXJ18, WJ14, Ana14, BKS91, DKC14, LHCC19, Pet18, TW15]. Optimizer [HlLLY95]. Optimizer-Assisted [HlLLY95]. Optimizing [ASA18, CC16, CG86, JST12, KRC00, KR06, LMR05, LM16, MLW+19, NCTT09, PGRP17, Sab94, SBC¸12b, WCWO17, WMG01, WLWW09, WG11, WSLC11, AFNT17, AHA+16, ARM+05, DV13, FMIF18, GYY+14, MSM09, PB19, ZGG+14]. Optimum [BHK17, LP96a]. Opto [AA93]. Opto-electronic [AA93]. Optoelectronic [HPT+97, MLW+97, MB93, HNSA07]. orchestration [BYT19, PVP18, RCG+11]. Order [AMS94, Bit92, CLZ02, DT97, BCM06, BG05, BMLLC+19, CB15, GA90, KKW17, KM16, MFR09, MP87]. Ordered [GS98, HCR12, TS91, CG10, JW89, KKS+12, SW18, Tay05, YLB+15]. Ordering [KK98b, PR97, RS96a, ZBH97, CHC05, Zah12]. Orders [SH97, Sta04]. ordinary [GGR89]. Organization [AP94, AAH17, CT04, HKK+18, Ull84]. organizations [BW99]. organizing [BFPK04, BZH06, IZ12, KO11, MYM10]. orientations [AFM09]. Oriented [BS90, CSSY94, CS95b, FRR92, HS00, SG96, Bie90, BZLI04, CF19, Chi95, CTT08, CSW+17, DZC17, DWYB10, GYAB11, Hdr13, HRM17, KHD13, KBD05, Kum17, LWQW18, MXSL12, PGS17, RK06, SCG0, SK90, SFE06, WWY+18, YJB91, ZCO4]. Origin2000 [SSOB02]. ORION [PRP09]. ORN [SK11]. Orthogonal [AR97, JD12, Wu02, GS91b, HC01, SM89a]. orthogonal-access [HC91]. Orthogonally [CP98]. Other [Kap93, Kum17]. OTIS [ZMPE00, ZX90]. OUSNs [LWV19]. Out-of-Core [BCR96, RA04, KKB+06, KR11, WJ07]. outcomes [NKSA17]. outer [CTKA17, CLW19]. Outerplanar [GS99, KW02, TFSFZ14]. Output [ASR93, GC07, PD92, Ros99, ST02, GS03a, PY09a, ST06]. Output-sensitive [GC07, GS03a]. outsourced [XLC+18]. outsourcing [CXY14]. Overall [LO96, SEP96, XL11]. overcome [KG04]. overflow [SCC+06]. Overhead [DR98, JNW96, KS00, SD00, BCM87, BD04, CX05, FGP05, LMGLGLG17, SC91a, SZ09]. overheads [DI91]. Overlap [QH96, ALTV13]. Overlapped [Lin93a, KNS91, SWLZ17]. Overlapping [CQ95, Wi02, CHC05, KSBG03]. Overlay [PRP09, BMS19, BHK17, CMMN10, EDH+17, GZMC08, HK04, LSS+11a, LSS+11b, LCM+06, RA11, SB12, XLG+06, YF07]. Overlays [HASB16, ZH07]. overloading [AOSM04]. oversubscription [KKLJ14]. Overview [EMP+96, KS93, ABC+88, SSZ10].
P [ASST05, dR09, PMV06]. P2MCMD [LC07]. P2P [AS19, CWLD05, 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, OY00, PRW94, PV89, RD05, SL97, ZY12, BMIM07, CCK19, CK13, EKNS17, HBS17, HDCM11, KMF+05, KK10, LW19, Nap90, OS04, PY09a, UM17, YSL08]. packet-level [YSL08].

packet-size [OS04]. packet-switched [Nap90].

Packets [GRV97]. Packet [GHKS98, GO95, JK00, LS94, NS95, OY00, PRW94, PV89, RD05, SL97, ZY12, BMIM07, CCK19, CK13, EKNS17, HBS17, HDCM11, KMF+05, KK10, LW19, Nap90, OS04, PY09a, UM17, YSL08].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

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Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

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Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

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Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

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Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

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Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].

PAHON [DR18]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15].

Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

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Pairwise [GP00, CK08]. PAME [YLZ18]. PaMeLA [GL+11].

Pancake [BS03, KAM94]. Pancake [HS97, KOW97, XKMN94, CPO+03].

Packing [Hwa97, LTW90, CRD12, SF05, TSFZ14]. Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08].

Pagelnumber [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM99, Li17].
Parallel [HGCC96, Hau89, HES11, HB97, HBJ98, HP95, HR92b, HR92a, HHC98, HP97b, HN91, HTB98, HR89, IK94, IZ95, IWM97, IHM05, JW94, JBL02, JSM94, Jia99, KR97, KR95a, KME92, Kap93, KSA95, Kar92, KK98b, Kau94, KZ96, KKN13, KR98, KB01, KKS08, KEG93, KS93, Kr92, KRS13, KW02, KG94, KGV94, KM92, KA97, KC99b, LSCA93, Lan09, LWCC15, LP96a, LAs12, LMCF00, LWY97, LTH97, LJK90b, LAS97, Li90, LWOG02, LYL08, LSS+11a, LST+13, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LK11, LFA06, LKB+15, MB96a, MHF93, May95, MM93, MS99a, MLc+90, MR94a, MPZ09, MT96, MB96b, MP93, MSGS+13, MSH90, MD98, MZC18, MHC95, MB92, MSD+95, MMAL+06, Me96, Mil93, Mir91, MB93, MG98, Moh96, MSAZ10a]. Parallel [MNK12, MS96, MS99b, NSS97, NST19, NAs94, NFEG97, NMS93, NS97, Ngo06, NT90, NKC+97, NH93, Nie94, Nie94, Nik04, NAA13, NPPC02, NDZA99, NS92, NPY+97, O005, OY00, OY13, OP98, ORR03, OR97, OT19, PH91, PD05, PP96, PDP17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, PLa08, PAH+98, PAJC97, PBB+17, PRS14, PSE+01, QZ94, QH96, QV0d01, REK10a, Raj91, RSS96, Ram92, RL02, RS92b, Ree84, RW01, RGS00, RPS93, RSL12, RSW90, RIZ90, RJA97, RNP19, Ros99, Ros07, RW93, SSG93, SH90, SS96, SMR96, Sano2, SAOKMA02, SH97, SG93, Sch90, SM89b, SW96, Sch91, SD97, SAF05, SR97a, SR97b, SAC+98, She96, SS92, SSHC00, STN92, Shu95, SGS99, Si90, SM00, SRT95, SSRV94, SB93, SC95, Ski96]. Parallel [Sni03, Soh96, SL97, SHRM19, SLKK13, SIR92, SK93, SMIK93, Ste95, SS96, SWT+91, SF90, SYG92, SS97, Syz95, TI11, Tá11, TSSA97, TW87, Ten90, TAs+01, TR96, THBF97, TV92, T200, Tk08, TF01, UAPM07, Upa13, VSM96, VGAB08, WB94, WCE97, WLY01, WM92, WNA+94, WP9K04, WB96, WTC08a, WMJW09, WRW13, WSA+94, WD94, Wee01, Wei98, WMG01, Wei02, WA02, WAS95, WS95, WS97a, Wor93, Wri91, WT92, WH97, WHT00, WHT02, XP10, YBX+13, YZ896, YWAT13, YB95, Y197, Yb01, YP96, Zak01, Zep91, ZYH94, ZK94, ZB97, Zhu92, ZH99, ZM94a, ZQ97, ZY002, ZA91, dCPD19, ACYS08, AKDMN15, Ada17, ALS91, ABGV11, AFG+19, AP19c, ATH91, Ara90, AMM+18, AE88, ANP07, AG86, ADDA08, A13, AJG18, ACFK07, Bad04, BC05, BCM87, BB87, BBC1104, BKC+15, BBM08]. Parallel [BA06, BCDF05, BAI04, BNBR16, BFH09, BS87, BS90, BR91b, BKT14, BM+08, Bo97, BCK+13, BSH15, CK88, CP10a, CTHT17, CR91, CD10, CSMML10, CCE+17, CCS06, CRL04, CEGS07, CVK+18b, Che86, CC87, CZZ+17, CLO17, CFJW13, CKWT17, CJ07, CT94, CM+19, CD+89, CL85, CZ90, CB06, CD95, CK91, CM12, CB11, DMK19, dADC18, DFP06a, DMG18, DRT07, DM90b, DM90c, DQR+09, DUW86, DL+12, DAG+17,
participants [GHK+12]. participation [AK18]. Particle
[BTG02, PAH+98, SDG08, CvdBL+08, LHWJ19, LTKS90, VBDRC13].
particle-in-cell [LTKS90]. Particle-To-Grid [SDG08]. Particles
[LLCC02]. Particles-Turbulence [LLCC02]. Partite [EMMM94, SLP+98].
Partition [SCG10, LM05]. Partitionability [SZ00b]. Partitionable
[LC14b, NMS93, SB84, CL91b, LC90a, LC91b, PW17]. Partitioned
[CB99, LJKS02, YI96, CG86, Gai90, GOO+16, Mat06, OT86, SR88a, SM08a, MR03].
Partitioner [SSB98]. Partitioning [Als01, AYIE98, BW96, Bou02, CN93,
GK98, HS93, Kar95, KK98a, KK98b, LEE90, Mah95, Moh96, MF96, Nic94,
PH96, PB99, TG99, WCE97, WF93, ASA18, AHA+16, ACU08, CP05,
DKUC+15, DHK04, ES12, GHC+17, LVP07, LSXX14, LXLX11, Mit07, PA04,
PTA08, RMU14, SW91, STA12, SLKK13, TK08, LWC+18]. Partitions
[SS96, MMS93, SBC+12a]. partner [FCC07]. party [GCS06]. PARULEL
[SWC+91]. Pascal [PLD87, Ree84]. Pascal-based [PLD87]. Pass
[Wan96, DD96, MPN17]. passable [VR86]. Passing [BB93, BDH+97, CW92,
CD98, dADB96, GS93, HNM02, Isl97, Kar92, KTF03, LK96, MD92, PY96,
PS01, SCMB90, XH93, ZN01, BPW05, DDNT10, GH89a, Hal05, IRRS16,
Kak15, KMS10, LR06, PS14, She06, TGPU16, vS91]. Passive
[MR03, DS04b, YT05]. Password [Lop18, YTH+19].
password-authenticated [YTH+19]. Password-based [Lop18]. Past
[TAS+01]. patch [GA16, Meg91]. patch-based [GA16]. Patches [GM95].
Path [BLG01, DP00, FF98, HTB98, IZ95, LK96, MKM16, NTA96, OC07,
RMC97, TU92, TZ00, AHT19, ANP07, CHCG18, DGNW13, DM90b, ED05,
GH19, Hs90, KS91, LS03, LLFJ18, NS90, Ros89, SYYU07, VLL+14,
WCC02, YME06, YC12, DCA+15]. Path-Based [FF98, RMC97]. Paths
[BGR96, BP02, GT97, GP00, DMB+03, FLPJ07, Lai14, Lai15, Lai17, MT14,
NCA+12, PK04b, WFL16]. Pattern
[AA93, BMRC99, LW95, Lon04, PDP17]. Patternlets [Ada17]. Patterns
[AM17, GSP02, KS02, LL95, AM13, Ada17, BHR91, BR91a, CTS17, ETS14,
HAA14, HKH+18, KIH15, NAK04, RGU08, SPBR91]. Paving [AP18].
payments [CSS11]. PBS [GPJA10]. PC3 [AHG12]. PCB [wXR00]. PCG
[ORR+03]. PCS [FCF00]. PCT [AT03, KDO+13]. PdBCube [CAB94].
[BNS99]. peak [YJKD10]. PEC [LP95, RS96b]. Pedagogy [GAC+17].
Peer [HBF12, LCL10, NMN+14, SJC19, TMK+17, ALH+09, ABCM07,
AS18, BCK+09, BAL05, BBB11, CTC11, CGKY12, FJG06, FJG08,
FVCL05, HK04, LKS14, LCL07, LLW12, MS05, OS05, SAL05, WXX05,
WGC09, WDDK09, YF09, ZCMY12]. Peer-to-Peer
[LCL10, SJ19, TMK+17, HBF12, NMN+14, ALH+09, ABCM07, AS18,
BCK+09, BAL05, CTC11, FJG06, FJG08, FVCL05, HK04, LKS14, LCL07,
MS05, OS05, SAL05, WXX05, 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
perform [EL91]. Performance
[AP91a, Abr96, ABDS02, AP93, ACD+93, ATM01, AYIE98, AH94, Ano92a, Ano97k, AMSA19, AA95, BJ99, BBH+97, BPJG92, BCV94, BS96a, BAMM05, BL96, BCD00, BP01, BLCG90, BNSP99, CTD99, yCM98, CY99, CGKY12, CB02, CP99, DS95a, DL99, DPSD08, DY99, DS02, DWYB10, DW04, DB18, DF94, ER97, FR92, FRM15, Fer92, FGKT97, FPD93, GCB00, GE85, GTB91, GM94a, GGD93, GLGLBG12, GDN+98, GM99, GRR93, GBA08, GK93, GK04, HMBW07, HTB19, HCS+00, HCAA93, HSMB91, HP97b, HN91, HLL+95, yHY97, HTL99, IC05, JSCB95, JV06, JB93, JLRA97, Joh91, KME92, KMKD97, KC95, KS95, KMS07, KRS13, KRS14, KB96b, KG04, KEA95, KJ84, KRS01, KLL87, KMB91, LC97, LLS93, LYL93, LP96b, LGRV19, LPU97, LPX05a, LNW+12, LTD+93, LYW+16, LHVV95, LDCZ97, Lun94].

Performance [HF94, MT95, MSAF04, MM06, MSC96, MB92, MSAZ11, MS96, MBG+17, NSKN17, NBP98, NCA93, NSA11, Page17, NKC+97, OD95b, PARB14, PH00, PS93, PD92, PEC95, PTC+93, PAJC97, PBB+17, PS01, RPS93, RSK19, RW93, RGV08, SMH94, SSG93, SPBR91, SV08, SKR93, SG93, SB02, SL+98, SKH96, TLY12, THBF97, TTG95, TPJ+19, TH02, TdAR18, Tze91, VSM96, VH08, WAS95, WF99, WLDD02, XMMD17, XQ07, XZ96, YB90, Yan03, YS96, YL96, YAS98, Yan00, YB95, YMG01, YAK15, ZQ93, AM13, AA10, AFH+19, AR17, AB03b, AP91c, AD12, BL05, BW90, BCD+15, Bat05, BCFF05, BDGR13, BKS91, BH85, BJS03, BDDL09, CK06, CF89, CB02, CG17, CCE+17, CVK+18b, CBM+08, CKWT17, CCEB03, CKLC04, CKLC05, CC96, CSW+17, Cuz11, Cuz13, DK08, DR19, DJH11, DXS+19, DKK18, DF12]. performance
[DYL+12, ETS14, ECLV12, FHL+15, FGP05, FJSW90, FCP+15, FD86, GJ12, GRV08, GMSS+11, GST09, GYY+14, HW03, HES10, HBSASA19, HNSA07, HHS12, HRG+11, HCZ04, Hdr13, HA91, HcF05, HC91, ICQO+12, JST12, JBY+05, KVN17, KyLPC17, KWZ19, KCR14, KZ11, KC17, KKS08, LWC+18, LWC15, LL90, LC13, LWR+03, Li06b, LSXX14, LJJ+19, LB12, LZZ+11, LGL13, LB18, LCB16, LV07, LGK+12, LWQ18, MC17, MSGS+13, MZC18, MRS+14, MV05, MG09, MBO11, MLK12, MBH+08, MRJ+19, MGRRK14, NSTN91, Nap90, ND02, NTC03, No12, NRM+09, OS05, PCMM+17, Par05, PRHB06, PB19, PHW+13, PVR17, PGKV18, RH05, RPS19, RM90, RTCG91, SPRG+12, SSFP11, SAOKZ05a, SAOKZ05b, SCB08, SD01, SC04, STMZ18, SAB+92, SA11, SE15, SR16, TTH12, TB90, TM06, TD07, UMM+18, WTB+08, WS06, WH08]. performance
WS97a, YWP00, HRJ94, JL05, KO90]. **Permutations**
[AMS94, BP98, CS93c, JH92b, Kap93, RS94, MR03, VR86]. **Permuting**
[Cor93]. **PERP** [ZHY+15]. **persistence** [CRB19]. **persistent** [ST14, TC03].
**Person** [XCC+19]. **Personal** [ZR00, HBF12]. **Personalized**
[LHS97, RWK95, Edel91, PW16]. **perspective**
[FSP18, HRM17, LNC13, Los08, NXTK17, RBP+11, Wan07]. **perspectives**
[WH08, PRS14]. **perturbation** [CHX+17]. **Pervasive**
[NDW17, KKKP12, Kol19, Ksh12, Sie16]. **Pessimistic** [MMCL+17, Yan04].
**Petascale** [SWHB17, RFP+19, WYTX13]. **Petersen** [SGR03].
**PHAST** [DGNW13]. **Phi** [CHLL18, RPN19]. **philosophers** [AFNT17].
**Phi** [KVNV17]. **PHOEBUS** [MB93, KSB11]. **Phone** [BN02, BST01].
**photomapping** [FLL14]. **Photonic** [APRA18, Qia97, RKK97].
**Photonic-based** [APRA18]. **phylogenetic** [FBRW03]. **phylogenetics**
[SPVvH03]. **phylogeny** [PTZ06]. **Physical**
[QGB+17, SNMB16, WH97, BC11, BPA06, CSW+17, DZC17, FD86, HRM17,
JWI+17, KNS06, LLWC17, SLG+18]. **Physical-aware** [SNMB16]. **physics**
[CP10b, GTN+06]. **Pi** [EHKSS19]. **PIC** [SDG08, YBX+13]. **Picture**
[HHM94]. **pictures** [FGcF17]. **PID** [WLID02]. **Piece** [CTC11].
**Pilot** [LSJZ15]. **Pilot-Data** [LSJZ15]. **pin** [AP91a]. **pin-out** [AP91a].
**Ping** [LF92]. **Ping-Pong** [LF92]. **PIOUS** [MS96]. **Pipe** [KSL85, SD88b].
**Pipeline** [DT97, DF94, VSM96, BR08, JS86, PW17, ZWR107]. **Pipelined**
[GÖÖ16, GMH+91, KSL95, KL84, LPZ99, MP93, PH91, Pov99, RFM94,
RS92b, SG99, SV00, TG03, dr09, BDGR13, BPP05, CCK88, DS04a, Gao86,
Gao99, th90, KM88, KSG03, LHHH11, MP08, PYF08, SD88b].
**pipelined-loop-compatible** [MP08]. **pipelines** [JP09, WG11]. **Pipelining**
[LYC02, MK92, WGCZ09, DF90, JS86, KR06]. **Pivoting**
[muYF92, ADV14, Vo89]. **Pixel** [Tay02]. **Pixels** [HPT+97]. **Placement**
[CB99, HJD+01, FMIF18, GM14b, ISAŽ10, KL05, LE91, LBT19, LRS18,
MSRB19, MTM10, PFJ04, PA15, RBD08, VA07, WCWO17, WZX+19,
WLL08, WLIWW09, WSLC11]. **placements** [AB03a, AB05, ZWS09]. **placing**
[DDNS06]. **Planar** [SL97, TZ00, CP04a, CZ90, DCA+15, PD05]. **Plane**
[OS98, RR95b, CRJ10a]. **plane-based** [CRJ10a]. **Planning**
[RR95b, CHX+17, FL86, LHX+19, MKM16]. **plans** [CBV08]. **Plants**
[KSP+92]. **plasma** [SDG08]. **plasticity** [RBOH+18]. **Platform**
[HS94b, ALE91a, AMSA91, AK06, AM11, BSH15, CJYC19, CVK+18b, CS17,
CB11, Cza13, FLL14, LTKG14, PLSM18]. **platform-independent** [AK06].
**platforms** [Ale19b, AM07, BR08, BLMB13, CFL+14, CDR12, FCP+15,
GZMC08, GAOHG17, HK08, LMR05, LSC+15, LLS+16, MBBD13, MSV19,
PP13, PVVG06, SK09, Sh06, SSVC10, VLW18, WJ12, WCO+09, WJ14,
YFS+15, ZXR18, ZHG+19, dSS11]. **playing** [RPN19, WW18b]. **plex**
plucked [CKK+13]. PLUM [OB98]. plus [WXMZ19]. PMESC [CJ99b]. PMSS [HHA14]. PODC [KBD05]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. point-to-point [SSGZ13]. point-value [SHRM19]. Pointer [Gup92, KHK18, SCC+06]. Pointer-Based [Gup92]. pointers [LS19]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13]. Point [Als01, REZN17, BSG90, Can18, CNLGRDL8, CZ90, Dav17, Gro85, MP08, PK07, SHRM19, SSGZ13].
Preface [Ano01-33, Ola01]. preferences [WMY+17, WTY+18]. Prefetch [SD00, Zha11]. Prefetching [BL96, KS97a, LY98, LY01, MG91, SMH94, SG99, SD00, HD10, HA05, LAK10, SSGG18].
Prefix [HJ01, MP93, San02, AFM03, BS03, EB13, Han89, LH04, LS05, LH09, SPH13].
preservation [GSASA19]. preserved [SWW+17, YGWJ19]. Preserving [NA02, WBS19, AKK+19, CXY14, JP09, OMSNSG05, SRB+19, TKR+19, WML+18, ZLT+19]. prevention [BYT19]. pricing [AKSZ19, GRDB05, ZV12]. primary [AOSM04, BB03]. primary-backup [AOSM04].
probabilities [XCC+19]. probability [DJH11, GXYZ13, KNS06, LNAL17, LXL812, NGQM12]. probability-based [GXYZ13]. probe [ZFWF06]. Problem [AS95, AM93, ASS05, BSH15, CLR00, CRFS94, GP00, HH01, HC97, Kau94, KBC+01, KLZ97, LF92, NW88, RDL95, TU92, TZ00, WH97, Zia92, Zia92, ANP07, BCMV15, BB85a, BSG90, BFG04, BF06, Bo99, BW18, DBA+18, dADC18, DM90c, EE05, EMC19, FZW12, FNN+08, GT04, HSSM07, Hsi04, HC11, IMA05, Joh89, KS91, LM05, LSS88, LWR+03, LYL08, LLC10, LLCZ19, LSS13, LH09, LFE19, MG03, Ngo06, OA10, PMV05, PBS08, PDB13, Sch13, SU87, Sta17, WLL16, WCEA10, WZ91, WMG13, ZA13].
problem-size-independent [LH09]. Problem-Solving
[KBC+01, LWR+03]. Problems
[An096i, An099g, ADS01, BK95, BOS+95, BEE00, BGOS95, BMCP98, CB95,
Ds02, ESMG96, FR96b, FR98, FT94, GL92, KLO1a, LSH96, MS94, MP96,
MS99b, OR97, RS96b, Ser97, SN93, Ten90, TF01, WM92, WLR90, WHT02,
WH08, ATh91, AG86, BGH+03, BS03, BB90, CMMT13, CEOS97, GRS19,
KJD03, LW06a, Lin91, Los08, LGG08, LV88, MPZ09, Men18, NST19, Nik04,
Pet19, PPSV15, WR13, WMG13, YHT02, WH08, ATH91, AG86, BGH+03, BS03,
BB90, CMMT13, CEOS97, GRS19, KJD03, LW06a, Lin91, Los08, LGG08, LV88,
MPZ09, Men18, NST19, Nik04, Pet19, PPSV15, WR13, WMG13, YHT02,
WH08, AG86, BGH+03, BS03, BB90, CMMT13, CEOS97, GRS19, KJD03,
LW06a, Lin91, Los08, LGG08, LV88, MPZ09, Men18, NST19, Nik04, Pet19,
PPSV15, WR13, WMG13, YHT02, WH08]. procedural
[Kan05]. procedure [Kub17]. procedures [DWHL87]. Process
[CMM92, IAS+92, Kar95, KSP+92, KOW97, Qia97, Ric98, SMR96, SS93,
SF90, Ale19b, Ara90, Bic90, Gai87, Gai90, GA18, HRF+11, Lo92,
MEMEMH17, MSEM+19, SDG17, TKX+13, WMES12].
[SI91]. Processes [DZ97, VWHL96, BFTV87, GKM15, MAR05]. Processing
[AY93, AK93, AGWY11, CS95b, DDGK13, Eme13, GC95, GLGLBG12,
HPT+97, HSJPS7, HR90, IWM97, KSL85, Kri92, LW97, LS97, LS95, LT94,
MSH90, MT85, NSM98, NMS93, OY13, Ros07, SH90, Sn03, SD88b, SSK96,
SVC+91, SLHS19, TAST+01, THBF97, VAF19, VB02, Wec01, WRC+02,
WSS93, We98, WA02, YL12, YML16, ZM94a, ZM94b, AAA+15, ATDH13,
AM11, BB97, BK13, BAT+19, BHS13, CC08, CLA+18, CRL04, CHLL18,
CCN06, CM12, DFL017, DW04, EKNS17, GSW04, GWWL94, HBS17,
HR99, JSM86, JKD+15, KLO8b, KNS91, KKN13, KN18a, KN18b, Lee91, LB12,
LW19, LKB+15, MTL+18b, MS96, NHX+19, NLB+18, PV9, PYP+10,
P90, PGP+12, PVP+06, RCG18, Ren11, RAN+17, RG87, RCG91, SSB98,
SY14, SS88, SK89b, ST07, SLL10, SI13, SA90, TZH+06, Tri09, TVE18].
processing [WW07, Wan07, WJD91, WL10, XHY07, XQ04, ZMCP11,
ZH15, AN03, PRR14]. processing-in-memory [NHX+19]. Processor
[AW95, AERBL92, Amn94, BG67, CW93, CWW+95, CkLC04, CkLC05,
DY99, DDD98, GW99, Goe94, Guo94, HO94, Hwa97, JB98, KC98, KF90b,
KB92, LS91, MA+95, Moh96, MMB+98, MBK+92, NS97, OS89, Par96,
PT01, RKK97, SS93, SHC93, SS97, WCF94, YD98, YL98, Zhu92, ZYO02,
ACY80, Bat05, Bod89, CL88, CL85, DK11, Deh90, Eli07, Gro85, HK80,
Kri91, KR87, Lee91, LC13, LI05, LY13, MM07b, NPV+97, OT86, PL87,
PR13, RR05, RL93, SI86, SI89, SSM89, SML+13, SSK91, ST85, SAI13,
SE15, SHR19, TR08, TDAR18, WIR+18, WI92, XP10, YBM13, LTK09].
Processor-efficient [LS09]. Processor-embedded [CkLC04, CkLC05].
processor-in-memory [HA05]. processor-node [TR08]. Processors
[CMS92, DBKF90, GR96, Hag97, HT0999, HBB93, JR95, LPPU97, MP96,
AR17, AhHcC90, BCM17a, BD05, Bat05, BB85b, BR91b, CBM+08, CN14,
CK11, CHLL18, CKB+13, CR+13, CM+19, CK91, DGD+17, DRR85,
DWB+B10, FSP18, IC05, JJ12, JHF+17, JZ+15, KK88, Li19a, LV15, NS12,
N15, PK89, SPC+17, SMB16, SC91a, SP13, XTN12, ZXB14]. producer
[KK11]. producer-consumer [KK11]. Product [AAD02, AFG+19, GE94,
Production [BBD+91, HKT+91, KM91, KM92, Nie94, Sch91, DM90c, GF89, HSR6, SM86, TDBL13, TYD+19]. productivity [VFAD17]. Products [ANS97, WLD00, CP10b]. Professor [Ano04r]. profiles [YWAT13].

programmability [KWZ19]. programmable [AC89, EAB+19, HHA14, MM07b, PYP+10]. Programming [AT94, AM93, AB84, BK95, BJ99, BCD95, BA90, BN94, BB93, CP97, COV13, CCRS92, CCC92, CEF+95, CBdCD00, CJ99b, DRR13, FC95, Fre96, FDBC99, GP94, GGW96, GAG+92, GLC01, HR00, JW94, JRR99, NT90, PA94, PM96, RAS96, SSOb02, Sin95, SC95, VBF13, VFAD17, ZCC92, AE88, AB13, AJG18, BASSM05, BYG+18, Bog17, Boz09, BHS13, BLZ+18, CK88, CCC+04, CTS17, CCE+17, CMR19, DRT07, Eij18, EE05, EC89, ESA03, FGCf17, GL89, HD+13, HSS17, IEWK17, KKV05, KSG13, KZ11, MSS88, Pet19, RK18, RSR04, RR05, RSW91, SSdlB+10, TFMS15, YQTV12].


propagated [SHK19]. Propagation [CDP95, DF94, AAFV04, BSN12, CKN07, CB04, KMMZ06, PLR07]. Propagations [WD92]. proper [NGQM12]. Properties [BR95a, CW01, DC94, GM93, KAM94, YN92, NS90, PL06, WMY+17, YDZ18]. properties-aware [WMY+17]. property [PB09]. proportionality [KR12, KCR14]. Proposals [HPT+97, ESGQ+14, NKK16, VO89]. proposals [RFPAG08]. Protected [LS19]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ+10]. protein [FGZ03, GZ98, LYL08, LG07, Ng06, WDS+18, YL12]. Protocol [BMMS01, BH17, CKL99, GR97, GS96, GS01b, HP00, KUFM02, KB96a, LL98, Seb95, The02, AMT13, ARD14, ALF03, BDM18, BOY10, CL03a, CCHC09, CS08, CL09, CH05, CCC+19, EBE08, Eri88, EDH+17, GCG06, GZY14b, HLS12, HZDP12, LS06, Lim90, LM90, MCDS+06, MAGL13].
MPG17a, NPGV10, NSA11, PGS06, SMPMLVLS11, TLY12, WCCH18, YGWJ19, ZPI06, ZWS09, ZLCJ12, SJS11. Protocols
[AS00, DS95a, Dah99, Dol97, DSS95, GS00, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJL18, CXY14, CB06, CDAN14, FWT05, GS03b, JBY*05, KLP10, LPX05a, LOS08, MAM05, MCMC+17, MS15, OSL05, RFS+12, Seh91, VA03, WTC08a, WTC08b, WCYR08, YTH+19, mYA91]. proton [KDO+13].

ProtoType [CSSY94, KLY05]. Prototyping [DN94, WH97, PRG88].

Provable [KMP+06, LZY+18]. Provably [DP99, LWK+19].

Provisioning [AMU+19, JAB12, KM17, Kim17, MZZC12, MCZ14, NF16].


Public [AM06, AVAH18, SSX14].

Publish [MS19, ZW13, dAAD+19]. Publish/subscribe [MS19, ZW13, dAAD+19].

Publisher [Ano04d]. PUF [BDM18]. PUF-based [BDM18].


Push-Relabel [AS95]. PUT [HLS12]. puzzling [SPVvH03]. PVM [KOW97, LDCZ97, SKH96, WAS95, ZPI06]. PVM-Based [WAS95]. PVMe [BR95b]. Pyramid [DS93, RL95, Tm84, LW90, Ros85, WW04]. Pyramids [NP+96]. pyrosequencing [SPR+12]. Python [DPS05, DPSD08].

QAP [BMCP98]. QC [ACYS08]. QC-2 [ACYS08]. QCD [IBP08]. QDAS [LJQ+19]. QoE [KS18, MSRB19]. QoS [BOY10, CLW+19, CS08, CKML12, DMB+03, D06, Kim11, Kim17, KKK+11, LL07, LZZ+11, MS00, NP09, O00, RSVW19, SBJ12, SA9, TBH07, WZH+19, XHY07, XG03, YSL08, YKD10]. QoS-aware [CLW+19, CKML12, LZZ+11, NP09, YKD10]. QR [Kau94]. QSM [RGD03].


[BBCQ13, CI86, LSZZ15, LKB+15, PAG+18, RHL08, SSKS11]. Query
[Ay93, CS95b, DM92, HASB16, SK90, PRP09, CHLL18, GB11, JHL+18, KSI04, KKN13, LZW19, LL18, NSAS10, SCL110, SJG19, WL10, ZHT16]. Querying [TT10, DTK11b]. Queue
[BTZ98, CLT96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACYS08]. Queued [PY09a]. Queuing [dG91, HM06, KS03, MGRRK14]. Queues [BM97, BCLR96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACYS08].

Queueing [dG91, HM06, KS03, MGRRK14]. Queues [BM97, BCLR96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACYS08].

Queues [BM97, BCLR96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACYS08]. Quicksort [BX93, CV91]. quiescent [MRRT07]. Quorum [NM02]. Quorum-Based [NM02]. quorums [BJPPM+08].


Reachability [CCM01]. Reaction [XLHT13]. Reactivation [CW93]. Reactive [DL00, OOSGVG+16, HPT07, NPGV10]. Reactor [KK98]. Read [IR12, AM12b, CH06a, CG10, GNS09, IR12]. read-dominated [AM12b]. read-modify-write [CH06a]. read-write [CG10]. Read/write [IR12, AM12b, CH06a, CG10, GNS09, IR12]. Reader [JK00, HV09]. readers [FKKR16]. reads [SPR+12]. Ready [JM00]. Real [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML+10, MMRS98,
MMVR97, Moh97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, AOSM04, AOSM05, BW08, BVGV14, BDGR13, CF19, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, ED005, FSP18, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JLLX11, JZZ+17, JHL+18, KKW17, LHK03, LZCY09, MLDG12, MAM05, MAKWZ13, MVP17, NA06, QJ05, RLH03, SA19, SRB+19, TZH+06, TYD+19, WL05, XO05, ZZJ+18, ZHH15, ZB03, ZQMM11, ZHLQ12].

Real-Time
[AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, LTY96, LM96, MMRS98, MMVR97, Moh97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, Lee03, LML+10, AOSM04, AOSM05, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, ED005, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JZZ+17, JHL+18, KKW17, LHK03, LZCY09, MLDG12, MAM05, MAKWZ13, QJ05, RLH03, SA19, SRB+19, TZH+06, TYD+19, WL05, XO05, ZZJ+18, ZHH15, ZQMM11, ZHLQ12].

Realistic
[FTM+19, KNS06, SJS11].

RealTimeTalk
[EMP+96].

rear
[CXQ+18].

rear-end
[CXQ+18].

rearrangeability
[DD96].

Rearrangeable
[CS93c, HJHD01, FY86, Pak89].

Rearrangement
[BVBO2, GL92].

Reasoning
[PS88, Ste95, eW95].

recall
[BGBC+16].

reception
[CKC19].

recipients
[Ros07].

reciprocal
[SL90].

reciprocity
[HBF12].

Reclaiming
[GMM00, MMVR97].

reclamation
[HMBW07].

Reco
[EHKSS19].

Reco-Pi
[EHKSS19].

Recognition
[BMRC99, RGU08, SP96, WPKK04, CNLGR18, CWZ+18, CLXX19, LO91, PD05, RK18, SZR+18].

recommendation
[CLW+19, COF+17, LMXJ18, WTY+18, WLYS19].

recommendations
[WZH+19].

recommender
[HWL18, ZLJ+19].

reconfigurability
[ZXYO11].

Reconfigurable
[AT94, BAGS95, BSDE96, BBR94, BM97, BA95, BGOS95, COS+95, CGG+09, CGFH19, DS01, EL97, EH01b, FZVT02, HQPT99, HCWS94, JP95, JS94, JKB0, KF90a, LS95, LPZ99, LR93, MD01, MG93, MT97b, Nak95, NS94, ORWT+18, OS96a, TVS97, TBPV00, WHT00, dR09, AM13, AHA+16, BM04a, BPP05, CDJ+89, DS04a, EHKSS19, FX06, HZL18, HPSM91, Lla17, Mat06, MP08, ML19, PPP14, PVG09, SI89, SL89, TRSS06, TJCB10, WJD91].

Reconfiguration
[CGA98, QMCL94, UR94, YTR94, BAPRS91, DMG18, DBLB+12, HBS17, JWSG14, LBGM15, LHX+16, NPVG+19, PSPR05, ZBW+17].

Reconstructing
[BDG+15, OOW95].

reconstruction
[BDRB14, FCC04, FGG08, HES10, KM03, OGRAV+12].

reconstructions
[SHT+08].

recoverable
[ZSCX18].

Recovery
[CP01, FCF00, JF95, LY10, LS01, MFS93, BG05, DWG03, MM04, MM06, MS02, PGS06, TTH12, ZWY+15].

rectangle
[Deh90, LV88].

rectangles
[KF95a].

Rectangular
[CWW96, Dja04, SBC+12a].

Rectilinear
[Nie94].

Recurrence
[CP94, Car90, MP87].

Recurrences
[BCZ95, GP94, NCTT09].

Recursive
[WT92].

Recurrent
[CW01, CB95, CTZ99, GHSJ96, KC99b, Lee94, LT07, RS92b, SCD99].
[CKL99, BV13, YCC05]. Replay [ZN01, NRM+09]. Replica
[RAB08, GM14b, JXZ+19, WLL08]. Replicable [AMM+18]. Replicas
[HJD+01, TR16, ZWS09]. Replicated
[JSN94, LQ96, RJKL11, STA12, ASB18]. Replication
[CA95a, JRR99, LI09, MD13, ARDQ18, BCC+18, DS04b, KA08, KR12,
LA04, MB19, SZ09, WW12, WWW17b, ZWL03]. replication-based
[WWW17b]. replications [ZV14]. Report [FCO90, SAB+92, Kum17].
repositories [KUA07, VLGV+18]. Representation
[CJ99a, TLW94, CJY04, EHS94, JZ05, VO89, WF90, WR91].
Representational
[Ebe94]. representations [BHR91, NCTT09].
Representative
[BW96]. representing [BR91a, NAK04]. reproducible
[PK05c]. Reproducing
[CDPS18]. reprogrammable
[LLY15]. reprogramming
[MAGL13, ZTGL17]. Reputation
[BI15, LS10, SL06]. reputation-driven
[LS10]. request [XHY07, ZV14]. requesting
[XO05].
Requests
[TSC01, BPRG04]. require [AF17]. Requirement
[DD98, HV13, WW18a]. Requirement-aware
[HV13]. Requirements
[CZPP16, DO06, MM04]. rerouting
[JWSG14]. rescue [WWA+18].
Research
[AN001-34, GLW14, KUM17, MLZY17, WZ13, Hua17, Lan09, LZ11,
NPE+19, PSGS17]. Research-oriented
[Kum17, PGS17]. reservation
[RK06]. reservations
[CRH11]. Resettable
[AKD06]. Resetting
[YH97]. Residual
[DRR96, SR95]. residue
[DPRW85, PH16, Tay87]. resilience
[BMGM19, WX205]. resilient
[DFHH13, LAGK07, TKKH17]. resistive
[ZPK+14]. resize
[SR16]. resizing
[CPL18]. Resolution
[YB95, GOH+13, GE85, LJ05, SQQL19]. Resolving
[LK94, Zha11].
resonance
[CC06]. Resource
[AB84, BVGV14, BMF05, BSH15, BKK+11, CKK00, GMM00, ISA10, KM17,
MMVR97, NSTM1, OM04, RDS02, RSBN01, SM94, SSMK13, SSVC10,
YT05, ZAB18, ZI08, ALH+09, AB03a, AB05, AKSM08, AAA+10, ADD17,
ATZ07, AS19, BMB+08, BMS19, BSM08, BSS+13, CCA18, CDS10, CRH11,
CJA+19, CKMP17, DW12, ECV15, Fu10, HSL04, HHK15, JAB12, JK89,
JHF+17, KBC19, LCC+05, LCH19, LL10, LL12a, LS10, MAP14, MZZC12,
MCZ14, NF16, OJP+18, RCG+11, RKK06, RLH03, SSM+16, SNCP12, Sh09,
SSM08, SCMS12, TFMS15, TKX+13, VD18, VMBM10, XL11, ZLL14].
resource-constrained
[VMMB10]. Resource-efficient
[SSMK13]. Resources
[HS94b, ASK016, AM06, AM07, AM11, CFI+18, HRK+19, LKM12, LZI+11,
LDP+14, NVK+11, NSDZ18, NAK04, SSM+06, SSM+07, YZS15].
respectable
[GHK+12]. Response
[TPS+18, DHK04, HPB+10, VA07]. Restart
[LACJ18, NC13]. restarts
[GGK15]. restoration
[UAPM07]. Restricted
[Fra92, MSSE02, BS03, BBM08, DeG88, JZF+15]. Restrictions
[LI92]. result
[L04]. resultants
[EME13]. Results
[IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability
[MB96b]. Rethink
[WW18a]. Retraction
[PCX+14]. Retrieval
[AA93, CLV95, KTP17, KV88, Lon04, SWW+17]. REU
[Hua17]. Reuse
BC11, CCHC09, DSEP17, DMI+19, DK04, revealing [AF17]. Reversal [NTA96, Ede91], reversals [BS03]. Reverse [LP97, JXW06, NMN+14]. review [ZGJ+18]. Reviewer [Ano08, Ano09, Ano10b, Ano11k, Ano12n, Ano14g, Ano15k]. reviewers [Gra10a, Kl08a]. revised [KP17], revisit [LLS07], revisited [DJ16, GDP08, GXYZ13]. Revisiting [MR09, SPH13]. Rewarding [SM92a, CMT92]. Rhombic [Wil90]. Riccati [MV94]. Rigid [JBL02, LF03]. Ring [BA95, CMS92, FFK97, Goe94, HJD+01, MBK+92, ZB97, BG86, LKY13, LDDL15, MM04, PV89, RM10, RKS87, YC04, ZWS09]. Ringed [DVZ96]. Rings [FKSW97, GR96, KY02, KUFM02, LHS97, LSC00, MS94, Man97, YTR94, CL91a, DLM19, FKK+04, LC92, LW06b, PR12, SMO+18, Sli90, Tsu07, WT09]. RISC [HC91, LPU97, MSC96]. RISC-based [HC91]. RISE [AZW13]. rising [ORR+11], risk [FGL+11], PVRS17, WHW+19. river [SQQL19]. RMF [YT05]. RMI [CCK+08]. RNS [PH16]. road [IB04, LHW+19, SWLZ17]. roadway [XCLR07]. Robin [CMS04]. robot [IH+17]. robots [PMHM19, ZBW+17]. Robust [BS8+13, KRS15, PVP18, SSM+07, ZMG+16, AKSM08, BBCQ13, BAT+19, GA90, LDS16, LZ+18, MSF+13, SSM+16, SNCP12, TZH+06]. robustness [CKWT17, Par05, SSMS08, TdAR18]. Roe [dlAMCFN12]. Role [Cha95, Won99, BCD+15]. Role-Based [Won99]. Rollback [JF95, AAFV04]. Rollbacks [SS93]. roofline [KC17, NV19, NSKN17]. root [EL91, LXW+11]. rooted [GHLJ19]. Rosenberg [Ano00d]. Rosenfeld [Ano04r]. ROSS [CBP02]. Rotation [HC95, HBBH93, Ara90, EL88]. Round [CMS04]. route [CDCD05, LPX05a, LHW+19]. Routed [FF98, NSSS99, RJMC95, RMC97, XMN92, MVM04, SAOKM03, WCC02]. Router [DRSB01, PIB+01, MBR08, MYD+11, XYKA08, CCQ+06]. Routers [CP01, CP04b, ZCF+17]. routine [IBP08]. Routing [ASH+01, AZ01, AasJS01, BLVP95, BPW96, BP98, BA97, BA01a, BW95b, BDF01, BN03, CRV94, CL93, CW01, CS10, CL96, CC94, CLT96, CCR94, CS93c, CDF01, CG02, Dol97, DG94, EL97, GG01, GHK98, GO95, GT97, HCWS94, HJDDH01, IM00, JR92, KLLLK98, LS94, LTYW95, LT96, Li92, LME95, LW95, LE98, MS90, MS94, MW95, MR03, MJ94, NSS99, NS95, OM90, PRW94, Par96, PA97, PA01, PL93, RS94, RS96b, RH05, RO92, RR95a, RW97, SJ95, SJ96, SB02, SZ92, TBPV00, WLY01, Wan96, WN94, WLD00, YBO97, PRP09, AA14, AA16, AD10, ABF+14, BS07, BOY10, BFYV19, BR91b, BPA06, CI03, CL03a, CI14, CS06b, CS08, CHCG18, CDCD05, CMN12, CAF+11, CL90, DMB+03, DJDK19, DJH11, DBW+18, EB09, GHY10, GDL+11, GAGPK03, GLD06, GTGLSA12]. routing [HNSA07, Hu11, HL07, HJLR12, JL05, JLWX11, KSI04, KLP10, KSK15, KMF+05, KO90, KT91, KNS06, LPX05a, LS03, LTT12, LAGK07, LY13, LH05, LDDL15, MCD+06, MPS16, MBR08, MVM04, MSAZ10a, MSAZ10b,
MSEM+19, NJ91, OS04, OSL05, OM10, RD05, RFS+12, RB12, RHL08, SW12, Sch13, SLWW05, SWLZ17, SK05b, SJS11, TC04, TCHC12, TT07, VA03, WTB+08, WGS08, WW12, WCL+13, WHC+18, WWA+18, XHG03, XG03, YME06, YMLP14, Zah12, ZV06, ZMC06, ZW11, ALF03. Routings [WK97]. row [Mat06]. row/column [Mat06]. rows [ST87]. RPC [BF97, VD04, WSG91]. RRAM [TOR+14]. RRAM-based [TOR+14]. rRNA [ZFWF06]. Rule [KM91, Mir91, Nie94, SWC+91, XH91, MCdS+06, Oza04]. Rule-Based [XH91, MCdS+06]. Rule-Firing [Nie94]. Rules [RSD94, SM92b, SWC+91]. Run [FB98, FY97, LPU97, LLY15, LFA96, MDD97, PM92, SCMB90, GF89, LW16b, LTG14, NVK+11, SFT04, VH19, WL11]. Run-Time [FB98, FY97, LPU97, LLA96, PM92, SCMB90, LLY15, GF89, XL11]. Runge [KR06]. Running [CCM+06, FGP05, GRR13, dSS11]. Runs [Lin93a]. S [AGWY11, ASST05, BPJG92]. S-Nets [BPJG92]. SABA [ZVL15]. sacrificing [FKKR16]. Safe [FM99a, MS98, CDD+15, HV09]. safety [Wu03, XCS06, XCLR07]. SAGE [Num09]. salesman [WMG13]. Sampling [OS06a, SS92, BBB11, SMP15]. SAMR [CP05, LTL06]. SAN [SM92a]. SAN-Based [SM92a]. sandboxing [SFEF06]. SAT [SHA17]. satellite [SQQL19, TZH+06]. Satisfaction [GHH92]. Satisfiability [Sol96, Joh89]. Saturation [Tze91]. SAUCE [HSS17]. save [FKLB08]. Saving [DKY01, SSGZ13]. Sawchuk [Ano93e]. SBCI [AS19]. Scala [GKK+13]. Scalability [AFT+00, BCV94, BP01, DVW94, KS91, KG94, MR94a, PTK+13, QZ94, SSRV94, Sun02, ZYH94, ZFS07, dSS11, AFH+19, CLG+16, CSW08, CP10b, GA16, KR06, LDPLC+19, NSKN17, QGZP17, RM10, YH07]. Scalable [AS13, AS15, AYI97, B17, BMRC99, CSWD03, CSSY94, CSML10, CAB94, CLV95, CBdCD00, Con93, DAV97, DD93, DKRC+15, DM04, DSW94, DFRU99, DSD+97, 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, Pras93, QGB+18, RBA+18, SMH94, SN93, Sm02, SFC17, TFMS15, TCS+10, VLGV+18, WPK99, WW96, XKMN94, ZME00, ZB90, ZM18, ZLS17, AKDMN15, ACPT15, ADDB18, BGM+08, CGL+14, CS08, CKA13, CJ17, CD95, DKKV15, DS04a, FPS11, GZ08, GM13, GRZ+18, GRC91, HSY10, HWC08, KHT+14, KCFP18, LHK03, LGV19, LLB+18, LC07, LB09, MK08a, MVP17, NKK16, ND12, ROBH+18, RS19, SPT09, Ter16, TCHC12, WJV07, WECA10, XCL03, XJS03, YQTV12, SLG+18]. Scalar [NY93, SH15, Sol13]. scalar/vector [Sol13]. ScalaTrace [NRM+09]. Scale [ABDS02, BMCP98, FZVT02, G93, HHM94, KL84, LK98, MYM10, O01, RFM94, VN93, AFG+19, ACCP12, BM16, BMB+08, BCC+18, BM05, CC16, CL17, DB11, BDCF13, DLW+12, ECW19, IEK17, KESA07, KSSL16, KBC+10, LGZ+10, LY08, LZY11, Luc18, ...
LWCG14, MBMC19, MRJ+19, NAB+11, PB19, PTZ06, RW02, SFT+13, VM03, WCW017, WLNL06, WBRT13, XHY07, YZW+15, ZV09a, ZVL11]. Scale-free [MYM10]. Scaleable [BMRC98]. scaled [KNHH18]. scaler [VD18]. scales [PLK+18]. Scaling [CVK+18a, SSS07, TBPV00, YFS+15, FKL08, FZJ14, MBR19, Num07, VD18, YÖ11]. Scan [KB96b, PD19]. scanners [CCN06]. scatter [BM04b, LMR05, dSAJ15]. scatter-based [dSAJ15], scattering [DB86, PLFMC+12]. scatternet [SLWW05]. SCC [LTG14]. SCDN [SLW10]. scenario [DBW+18]. scene [OGVV+12]. schedule [KSG03]. Scheduled [LB90, HA06]. Scheduling [AGF94, ALL99, AMG98, AS97, AYIE98, AKPT99, AJHC90, AKT19, BPJG92, BD05, BPN90, Bec96, BD11, BCLR96, BSH15, CDY97, CL91b, CLO09, CJO99a, DA97, DR95, DDD98, DP99, DS84, DAYA02, DÖ06, DJ98, ERL90, ERA95, FAGW95, FVLB09, FR92, FR96a, FKS97, Gai90, GR96, GG92, GJ99, GM99, HO94, JSCB95, JSWB92, JR95, JZF+15, KS97b, KB96b, KA97, KA99, LPU97, LYM20, Lum94, MMR98, Mah95, MD13, Msd+95, MSSE02, MYD95, Moh97, MSST99, NSSS99, OH02, PKN08, PR12, PAM94, PQ93, PM96, QMO1, RU99, RAN+17, SCBM90, Ser97, SH92a, dSR00, Sta04, SD88b, SYC92, TSC01, TTVG95, VB02, VWHL96, WCF94, WSRM97, WA02, WUG99, YI96, YWD08, AL04, ALM+16, AAD10, AOSM04, AOSM05, ALLM11, AH12, AM12b, BKS05, BGLA03, Ben19]. scheduling [BHLT14, BFG04, BFM06, BKMT14, BH05, Cal06, CG11, CG12, CHLL18, CRJ10a, CRJ10b, CGW+03, CRA+08, CRM10, CR12, CJ04+18, DBA+18, DBC03, DK80, DK11, DP16, DXS+19, DUW86, DRR13, DJT03, EHL+15, FA07, FW05, FFP14, FCJ+18, GDP08, GYAB11, GVBF13, GK15, GMVRS16, GFC14, GP05, HSOH, HDJ08, HVL3, JLY12, JHF+17, JBS14, JTC+18, KHN17, KA03, KVA18, KYSD13, KK11a, KM17, KUA07, KVH07, KV10, Kim17, KNHH18, KK10, KSSK16, KHD08, KBC+10, KMP+06, KA05, LDZ+14, LDZ+17, LH03, LWZ12, LC09a, Li05, Li06a, Li06b, LL07, LQM+12, LW16a, Li16, LNAL17, LBT19, Li19a, LML+10, LSC+15, LYW+16, LPX05b, Lo92, LFP19, MGSG12, MLG12, MSV19, Mar88, MCAS12, MMK+11, MAHKZ12, MS86, MAR05, NSAS10, NHO+13, ND12, OA10, OPR18, ORR03, PY09a, PK05a, PW17, PDB13, QJ05, QSL+08, QGL+09, RBA+18]. scheduling [SSFP11, SPC+17, SJBJ12, SMO14, SV08, SP13, SLG06, SCJ+08, SWP90, SS18, STK11, SZL10, SR16, SHC14, TLL10, TLV10, TLQ12, TDB13, TG03, TXX14, TDP15, TSL17, UM17, VD04, VM110, VB08, VS16, WJD91, WAE03, W05, W10, WBRT13, gWW18, XQ07, XLL15, XHT13, YWG15, Z06, ZVL15, ZTFK16, ZY12, ZV09b, ZS13, ZQMM11, ZHLQ12, ZLMM14, doCS14, FZWL12]. schema [TMK+17]. Schemas [Arb89, BG90a]. Scheme [BDF01, FY96, JB93, KKG98a, LO96, MYD95, OS96a, Wu94, YD98, AOSM05, AK18, BBS13, CWLD05, CXQ+18, DBW+18, EL88, ESGQ+11, GPJA10,
GMXA07, HC09, HOVC09, KVHS07, KHK18, Kol19, KRL87, LTBO2, LHF91, LAK10, LHX+16, LMJC11, LWH+19, LWK+19, LSZZ15, LLDL15, NC09, RS08, SNC12, SZ09, SKMM04, TDC05, TC13, TCHC12, WL04, WW12, WXMZ19, WZY+19, WW04, XYDL06, XLHT13, YGZ+10, YJL16, YAA10, YC12, ZCMI12, ZSCX18, ZWWX16, ZBR11.

Schemes
[ycM98, FM99b, GG01, LL95, LS01, SKK97, WRC+02, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDMC11, HSMB91, JWSG14, MM06, SHSH17, TW89].

Scientific
[APV18, BKK+11].

Science
[APV18, BKK+11].

Scientific
[CCRS92, DUSH94, FMW+94, GT02, HS94b, KBC+01, AOS+05, AE88, BCD+15, CXY14, EFG+14, NV19, NTC03, PB19, RMGM19, VM03, WHW+17, YYLC11, ZKZF18].

SCO [WTS03].

SCP [VB08].

SCP-based
[VB08].

Screening
[AT03].

Scripting
[WXZ+18, LMY+11].

Scrolling
[Tay05].

SCSI
[HZY04, ZPI06].

Sculpture
[LMB+17].

SDEF [EC89].

SDFGs
[BLMB13].

SDN
[AK18, HTB19].

SDN-based
[AK18].

SDN-enabled
[HTB19].

SDSM
[CWM+06].

Sea
[ZWW17].

Seamless
[HR00, ORWT+18].

Search
[BOSW94, BS00, BMCP98, BSH15, CDR99, Cza13, DM95, DM92, EHM95, Fen90, LYM02, SIR92, AFG+19, BNP02, BP89, Can18, CTT16, CCLS94, CSW+17, ES12, GHT10, GJXZ05, HN19, KA05, LSS+11a, LSS+11b, MS09, MB13, PRHB06, Par89, PPSV15, PVG06, RM10, RM11, ROB+18, RHL08, SP08, Sch13, SHLN09, SJG19, Tom18, WGC09, WWA+18, YF09, Zep91, ZCS+18, ZH07, CB11].

Searchable
[WCCH18].

Searching
[NBP98, NSM98, SH97, SGAC14, BA06, KIH15, LTWW12, Sch89a].

Secondary
[BLZ+18].

Secret
[LWH+19, YTH+19].

Section
[HAC+19, Seh95].

Sections
[BW96].

Secure
[BK95, CPA+11, EAB+19, PRN+19, ZHT16, ZBR11, BK18, GTGLSA12, JZZ+17, KTP17, LAK10, LZW19, LWK+19, LLW12, REK10a, REK10b, SSX14, Sio16, WXMZ19, WCCH18, ZSCX18].

Securing
[SL06].

Security
[FCJG+18, NL19, SXZ06, BAK+03, DZC17, GSASA19, LZSL06, LCM+06, NZY+11, OM10, SFE06, TODQ18, TKG+17, VA03, WLK+19, XQ07, XCC+19, ZVL15, ZABB17, ZZJ+18].

Security-aware
[NL19, ZVL15].

Security-sensitive
[ZZJ+18].

Sediment
[CvdBL+08].

SegMore
[SL06].

Segment
[MYYY17].

Segmentation
[KC99b, MG98, KYS13, MG03, RK18].

Segmenting
[TVT96].

Segments
[RR95b, GC07, Lop18, SWLZ17].

Seidel
[H094].

Seismic
[KSSL16].

Selected
[Ben15, BÇ+19].

Selecting
[NGQM12, SSG93, KERUM04].

Selection
[JK00, LK96, PT01, Raj96, RW97, RCY97, Raj01, SH97, SB02, VS99, WSA+94, WRC+02, Bad04, CKML12, DM1+19, EDO05, GM14, JXZ+19, KHN17, LZY+18, LCJ+18, LGK+12, MHLZ16, RH05, Rab08, RD05, RTZ11, SSS88, WLST16, CTC11].

Selection-based
[ED005].

Selections
[JW89].

Selective
[LHCC19, SSG18, XYG07].

Selectivity
[CTT16, GOÖ16].

Self
[AY02u, AS96, ABZ95, BGJL02, Bec96, BBCD02, BAGS95, BPBR11].
CDD\textsuperscript{+15}, CW05, CT04, DB08, Dol97, DPBNT12, FZ14, GH02, GS03b, HPT07, HPT02, HNM02, JM14, KY02, LLLC15, Lla17, MM07a, NM02, PK05c, SZB92, SEP96, ASKTZ13, BFG\textsuperscript{+03}, BBS13, BBD18, BR91b, BFKP04, BZH06, CDDL10, CAK13, CRA\textsuperscript{+08}, DLV11, DJ16, DK19, GK10, IZ12, KO11, KO90, LBMG15, LHX\textsuperscript{+16}, LSH\textsuperscript{+13}, dAMFdS13, MYM10, MC91, NJ91, NPVG\textsuperscript{+19}, PPTV\textsuperscript{+10}, SLWW05, TWQS12, Tu12, WRW13, ZBW\textsuperscript{+17}.

self-adapting \cite{WRW13}. self-adaptive \cite{LHX16, PPTV10}.

self-adjusting \cite{MC91}. Self-Allocating \cite{SEP96}. self-correction \cite{LSH13}.

self-deployment \cite{TWQS12}. self-join \cite{GK19}.

self-manageable \cite{dAMFdS13}.

Self-organization \cite{CT04}.

self-organizing \cite{BFKP04, BZH06, KO11, MYM10}.

Self-reconfigurable \cite{Lla17}.

Self-reconfiguration \cite{LBMG15, NPVG19, ZBW17}.

Self-reproducible \cite{PK05c}.

Self-Routing \cite{SZB92, BR91b, KO90, SLWW05}.

Self-scaling \cite{FZ14}.

Self-Scheduling \cite{Bec96, CRA08}.

self-similarity \cite{ASKTZ13}.

Self-Simulation \cite{BAGS95}.

Self-Sorting \cite{ABZ95}.

Self-Stabilization \cite{GH02, HPT02}.

Self-Stabilizing \cite{Ano02u, AS96, BGJDL02, Dol97, HNM02, KY02, NM02, BPBR11, CDD15, CW05, DB08, DPBNT12, GS03b, JM14, MM07a, BFG\textsuperscript{+03}, BBS13, BBD18, CDDL10, CAK13, DLV11, DJ16, GK10, Tur12}.

self-tuning \cite{HPT07}.

selfish \cite{WGS08}.

Semantic \cite{FKJG08, RHL08, SLG18, CM93, EHL15, KLJ11, LR05, LK15, MLZY17, MYY17, MA11, NSAS10, ZH07}.

Semi \cite{DS04b, XZS96, CT16, KMS06}.

Semi-empirical \cite{XZS96}.

Semi-passive \cite{DS04b}.

semi-static \cite{KMS06}.

semi-structured \cite{CTT16}.

Semiconductor \cite{DM90a}.

Semidirect \cite{WLD00}.

semifast \cite{GNS09}.

sense \cite{BC11, ZKZF18}.

Sensed \cite{DSAUM99}.

sensing \cite{CCC19, GDCC18, HP06, ZRN14}.

Sensitive \cite{VR95, Ano04d, ASSS19, CP05, GS03a, GC07, Hu11, JL11, NLB18, OWK14, PFJ04, RCG+11, SRT+18, WCXL11, YK04, ZZJ18}.

Sensitivity \cite{HG90a}.

Sensor \cite{KSI04, LDZ+14, LDP+14, STN92, THGY15, ASM09, Amm16, AHG12, Ana14, AMT13, AYN+15, BXA08, BW+11, BOY10, BPA06, BEN12, BJL18, BZL14, CCW14, CKN07, CRWX12, CDR09a, CDR09b, CT04, DW06, DLL11, DGBN14, DJH11, DKL10, DFK06b, DH04, EMC19, EM11, ECP\textsuperscript{+18}, GHY10, GDP08, GGY+04, GYP13, GZY14b, GM14a, HZA\textsuperscript{+15}, HMV07, HS12, HP06, HDLP12, HJLR12, IB04, JF12, JLY12, JBS14, JHPL13, KKV105, KSSL16, KOA09, KO11, KO12, KKKP12, KKTZ13, KGN11, LDZ\textsuperscript{+17}, LY10, LL12a, LI12b, LI14, LLB\textsuperscript{+18}, LÜ14, LW07, LIZ11, LDS16, LW18, LHP07, MAGL13, MSM09, MYM10, MBMC19, MK08b, NSA11, NC09, OMSGNSG05, PFJ04, PLY15, PCX+11, PCX+14, PLR07, PB09, RM10, RM11, REK10a, REK10b, RLP14, RB12, SCN12, SS08, SZMK13, SCLL10, SJQ11, TBHA07, TLY12, TDC05, TCS\textsuperscript{+10}, TWQS12, Ud19, VRM10}.

sensor \cite{WW07, WMW09, WL11, WL10, WWA+18, XCLR07, XQ04, XHZ+10,
sensor-actuator [KKKP12, SCN12]. sensor-based [Udd19].

Sensor-centric [KSI04]. sensor-cloud [LLB18]. sensorial [VO89].
sensors [AKBD10, AD10, BFKP04, Cal06, CJDC10, DWX10, REZN17].
sensory [HRM17]. sentiment [XLW18]. separable [MRT18]. separating [HSS10].

Sequence [JP09, Zak01, AFM03, BBM08, BCF14, BW09, BFKW13, BMARW07, DKKV15, FC91, JV09, PTZ06, SPRG12, SMB10, SRT18, TMM06].


Serial Servers [FM99b, AAA10, Bar05, BPRG04, CSWD12, KCD08, LY16, MZZC12, PSPR05, Wan06, WDDK09, ZWL03]. Service [BK18, CTT08, JRR99, LAZ10, NCRK19, RGVB00, ABF14, BYT19, CCA18, CLW19, DB08, FZ14, HOE19, JM14, KMMZ06, KKKP12, LNA12, LC07, LZN19, LB18, MHLZ16, MXSL12, MCZ14, NP09, PY09b, PTN19, RA11, SB12, SFE06, SMB10, SSC10, TR16, TRK19, WMY17, WTY18, WWY18, WZH19, WS06, Yan09, YHWY18a, YHWY18b, ZI08]. service-aggregate [Yan09]. service-based [YHWY18a, YHWY18b].

Service-oriented [CTT08, SFE06, WWY18]. Services [ZR00, AFG19, AK06, AM07, HBSASA19, KSSK16, LCC15, LWZ12, LMXJ18, LZN19, MCM15, SCW18, SU18, XJS03, YWD08, YAK15].

session [LAK10, MZZC12]. sessions [FSP18, TK07]. Set [Als01, BCD95, DM02, HCR12, KF95a, KS05, KHS96, RDL95, AF+$1, AP16, BD05, BYG18, CC87, DW06, Gro85, HES10, HJ07, HDMC11, JPD17, Lon04, MHLZ16, MPR19, Nic07, SZW05, WCWH03, WCKD06, YSS11, ASST05].

Set-Based [BCD95]. set-distributions [Nic07]. Sets [AAP01, CGL+95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14, Lon04, MP08, PK07, SW18, SMC14, YWW12, dOCS14]. setting [Li19b, WLK19]. Several [CP92, MCAS12]. shader [PY+$1]. SHadoop [GY+$14]. ShadowObjects [JRR99]. shallow [CvdBL18, dAMCFN12]. shape [KSJC17, NCA12]. share [KHNN18, PVGG06]. share-nothing [PVGG06].

Shared [AGW98, AGW01, AD95, BS96a, BJS03, CP91, DS95a, DH95, GDN+$98, HV95, HS00, HPT02, HTL99, HA92, JF95, JHF+$7, KRC00, KS97a, Ke00, KC94, KY96, LK98, LA93, LTA94, Lu01, MF94, MS98, MG91, MSST99, PY96, RL96, RJY96, SDS99, SC91b, TJ92, TTG95, TY95, WL92, YW91, YMR93].
shared-coin [AAC10].

Shared-Memory [BS96a, CP91, DS95a, HA92, KS97a, LK98, MG91, SDS99, TTG95, YW91, YL98, Zak01, BC06, DI91, FZC05, KKR14, KMS10, LZI11, LHT08, MSV19, NSTN91, OC07, Pad91, PY09b, PK05b, RFPAG08, SB15, SAJ13, SM04, TGPGUC16, TK07, WL92, ZLWL12].

Shared-Noting [HTL99].

Sharing [CS93a, DY99, HS97, HF96, AS19, CTC11, Cho90, IS06, KUA07, KK11, KKS12, KG04, LY91, LWH19, LS10, MTS90, SU87, SSX14, TBZB05, WXMZ19, WTS03, XCZL03, YAK15].

Shear [SSM89].

Shear-sort [SSM89].

shelf [PF08, ZB09].

Shield [SSX14].

shielded [CWCW18].

Shifts [OP96].

ships [SQQL19].

shop [Bo˙z09, DBA18, LFEP19].

Short [ESTA94, KLC05, LHWJ19, MBS12, PARB14].

short-range [LHWJ19, PARB14].

short-term [MBS12].

Shortest [BGR96, DCA15, HTB98, IZ95, KC99b, TU92, TZ00, ATH91, DGNW13, GHIJ19, KS91, Lai15, Lai17, YME06].

shortest-path [GHIJ19, KS91, YME06].

Shot [TR512].

shrew [CH06b].

SHRIMP [BF97].

shrink [REZN17].

Shuffle [BAES92, JH92b, Pad93, PA97, JT88, Var91].

Shuffle-Based [Pad93, PA97].

Shuffled [KM17].

Shuffles [Ano93c, CS93b, CS92].

shuffling [BBB11].

side [CK88, HA05, TC04, XCH08, ZVL11, WHW17].

Sided [ZB97].

SideIO [WHW17].

SIEVE [SG93].

SIFT [LJZ19].

sign [PH16, RK18].

Signal-processing [RTC91].

signature [WML18].

signature-based [WML18].

Silence [DKY01, FJ93].

Silent [DJ16, BCC18].

Silicon [DS618, THN13, HRC11].

SIMD [AB93, BAES92, Che05, CP94, CD95, FAGW95, GGW96, GSWW04, HCS+00, HCZ04, Ho91, IK93, IK87, JMS86, KNS91, KLS90, LWOG02, ML89, NT93, Nas94, RS96a, RS90b, Ren11, SI91, Ume85, WSA94, WLR90, ZLRP91].

SIMD/SPMD [Ren11, WSA94].

similarities [CL14].

similarity [AS19].

Simple [ARA13, AFG19, BHK17, GK19, KSSG14, UGG+11, XCC+19].

Simple [ARA13, BW96, GP96, GB93, GS99, KW02, LW06a, PL94, SE15, TZ00, Koc91, MRRT07, MC03, Nes10, YAA10, BJ99].

Simplex [Shu95, ASC18].

Simplified [AS19].

Simulated [Bev02, BH86, HB97, HC91, RSS96, Soh96, XH91, AH06, BG89, dADC18, GE85, Ume85].

Simulating [DS02, DN94, LC90b, NFH13, eW95, AAK+13, GN15, LE19, ROBH18, WCKD06].

Simulation [ABDS02, AEO92c, Ano02v, AS91, AB93, BAGS95, Boyt02, Cha96, CZPP16, DMSH90, DS93, EH01a, GGN93, JH92a, KZ96, LZ02, Lin93b, Lin93c, LA93, LLC02, MHF93, MRR+02, MRJ+19, NH93, Pra93, RSD94, RS92d, SMR96, SH92b, SSRV94, SS93, The02, ZL93, AZW13, AZC13, BBH+17, BM04a, BD04, BAL05, BMF05, CGL+14, CvdBL+08, CTCX08, DAF17, FGM+03, FTM+19, FC14, GRR+05, HDT+05, Koc91, LVR90, Mat06, NSKN17, NPE+19, PARB14, PLD14, PQ19, PTK+13,
San95, SZ00a, TY90a, VSM96, XKM94, ABC+09a, CV16, CMT92, DP16, DHO06, GS18, Kol19, KG04, LZSL06, LKD14, MCS+19, NHO+13, RMGM19, RDCQ17, SCC+06, SMH91, ZMZJ17, ZLT+19. **Software-Based** [KCDZ95, NHO+13]. **Software-Controlled** [MG91]. **Software-Only** [GS00]. **Solaris** [Lun99]. **solid** [GFPC14]. **solid-state** [GFPC14]. **Solution** [DM90a, FLS97, LF92, OH02, PW96, RW01, AY89, ANP07, Bat05, DP16, GA18, GS91b, HC11, KKR14, LYL08, LWV19, LGFM17, WZ91, YS11, ZAAB17]. **Solutions** [Ano99g, BCMV15, CLRW00, RS96b, AG86, BAH04, LZ08, OT19, TKG17]. **Solver** [BMM97, CSSY94, FKB17, ADV14, BAMM05, LF92, OH02, PW96, RW01, AY89, ANP07, Bat05, DP16, GA18, GS91b, HC11, KKR14, LYL08, LWV19, LGFM17, WZ91, YS11, ZAAB17]. **Solvers** [CHR94, CP94, MS99a, TF01, FHL+15, KR06, SHA17]. **Solving** [BCZ95, Boz09, BMCP98, BSH15, Car90, CRFS94, GL92, IK94, JGY17, KL01a, KBC+01, Men18, Mon94, PMV05, PDB13, QOvdG01, WM92, WLR90, WH97, WB18, CMMT13, CM03, CASD18, GGR89, GT04, GRS19, Kub17, LWR+03, LFEP19, MRT18, PF91, Ter16, WLL16, WRW13, dCPD19]. **Some** [BDKM94, DKMV01, IPK85, KAM94, Oru94, Par98, RTZ11, SB5, ZH03, ZH09, AG86, BS03, BDjQ86, MS15, ZHW19]. **SoMR** [CS08]. **Song** [Ano97k]. **Sophia** [GTGLSA12]. **sophomore** [GAC17]. **Sort** [LJKS02, Tay02, BM14, SS89]. **Sort-Last** [Tay02]. **Sorted** [SH97]. **Sorters** [BNP98]. **Sorting** [ABZ95, CQ95, DL98, FKK+04, FY96, HQT99, HB19, JP95, Lee94, Lin93a, MP93, N994, OS96a, RW97, SCC92, SS92, SM00, VN93, WRC+02, Che89, FCS91, KR11, MS88, PB90, SM89, Sei05, SA08, TW15, Ull84, ZFL98]. **Sorts** [ZAW94, SF85]. **SOS** [PP92]. **Sound** [DKY01, CKK+13]. **Source** [AY99, TZ00, BJL18, LPX05a, LCCL10, MH18, NCB+17, ZSW14]. **source-to-source** [MH18]. **sources** [AK18, Lon04]. **SP** [ASH+01]. **SP1** [BR95b]. **Space** [BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, LZ02, NC97, PPSV15, RP08, SDS+18, SH98, WA02, WS97a, AD12, Ara13, ACF07, BBM08, BW18, CKK+13, Dja04, HV09, KA05, LLK13, M10, NV19, ST12, SB16, MSS00, YQTV12]. **Space-Based** [LZ02]. **Space-Efficiency** [G01]. **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, BPBR11, BBD18, BBL04, CFJW13, GHY10, tH90, HAC17, KG10, LPD08, Lin03, MKW8, OMSGNSG05, RDA18, Ten16, TD05, WZFJ12, WIB12]. **spark** [ZKZF18]. **Sparse** [Bas97, BW95a, KK98b, Man94, MSC96, NFE97, PR13, Shu95, UZS96, Win85, AS18, ASD05, ANP07, ASES15, BC06, BGO19, CP10b, CASD18, GMMP12, LWI14, LV15, MLW+19, MBW16, PB15, SILV19, She06]. **Spatial** [GSG+93, NPY+97, CCHC09, CRXW12, JF12, MLG05, NAK04, TR16, TYD+19, WCF14]. **Spatial-Temporal** [GSG+93, CRXW12]. **Spatially** [DS02, Rao16, SBC12a]. **spatially-explicit** [Rao16]. **SPEAR**
[RG06]. Special
[AP93, AL99, AB03b, AS13, Ano95i, Ano95j, Ano96j, Ano96i, Ano97j, Ano99g, 
Ano01e, Ano02v, BC19, BOP06, BD00, BS09, BS11, Chi92, CDJL09, CDJL11, 
CGFH19, DOP98, Dek00, DF12, DDE19, DB18, DT92, ES97, FT+14, FR98, 
FPS11, FPS12, GC95, GMSS+11, GS01a, Gra09, HAC+19, Irw88, IB04, 
JW94, KL08b, KRS13, KRS14, KRS01, Lan09, LZ11, Las12, Lin93b, LP10, 
LZ11, RLA16, RLA17, Raj08, Sch90, SLL18, SXZ06, SH92a, SB97, Sto90, SFC17, 
TH11, TFV+15, TFV19, BG90b, TY95, Wee01, XMMMD17, XJS03, YW91, 
ZO97, dVCP06, Cuz11, Gra10a, KL08a, MKN14, PRS14, WW03].
Specialized [QOvdG01]. Speciating [GB06]. Specific [KRS13, KRS14, PP92, SK93, MRS+14, RMGM19, SS94]. Specification [AS00, BR95a, BN94, RSW90, BFL+13]. Specifications [LSCA93, BCM06].
stalling [BHPP05]. **Standard** [CB99, PF08]. **Star** [FA95, KAM94, Lat95, LK94, MJ94, OS97, OS93, PRW94, RW97, RY93, RLS96, SAOKMA02, dBL95, AAD03, CM07, DFP06a, FMM+08, PK04b, SS05, WCC02, SRT+18]. **star-access** [DFP06a]. **Star-Connected** [dBL95]. **Stardust** [CP97]. **Stardust** [CP97]. **starvation** [LASS15]. **starvation-free** [LASS15]. **stash** [YPCW16]. **State** [FKB17, HB97, HNM02, LSH+13, NC97, PSC+16, ASK016, ASB18, AD12, CW005, GÖÖ16, GFPC14, KA05, LMR05, LW06, MSM09, PQ19, WCO+09, WHW+19]. **State-based** [LSH+13]. **State-of-the-art** [PSC+16, WCO+09]. **State-Space** [NC97, MSM09]. **Statement** [AMB95, DR95, ALS91]. **Statements** [KHS96, SOG94]. **States** [Kop97, TG97, HNM02, KM92, LSH+13, NC97, PSC+16, ASB18, AD12, CW005, GÖÖ16, GFPC14, KA05, LMR05, LW06, MSM09, PQ19, WCO+09, WHW+19]. **Statically** [LB90, Mat06]. **station** [GPT06a, RBD08]. **Stations** [DKMV01, DDNS06]. **statistical** [CDPS18]. **Statistically** [SLZ+19]. **statistics** [GA90]. **statuses** [MB19]. **steady** [BCC+18, LLT12]. **Stopping** [BSS99, AMT13]. **Strategy** [CS00, MH98, KBC+01, MD13, PAM94, RS92b, ASD09, ASES15, BBM08, CTT16, DL+12, EM11, GOH+13, GRDB05, GMV05, GLD06, Hsi04, JF12, KV18, KS18, LY09, LL07, LVP07, NGO06, PLSM18, SK09, SRT+18, TLI10, TV15, WCC02, WY15, WSX+19, Z06, ZV11, ZV14, ZV15, ZLCZ18]. **Stream** [HPT+97, WQZ+13, AAK+13, ARM+05, AM11, CR98, DFLO17, Ei07, GÖÖ16, KKH17, MTL+18b, RCG18, RAN+17, SS18, ZHH15]. **stream-based** [ARM+05]. **Streaming** [PS14, BOKS19, CGKY12, GRR13,}
Streams [MM93, WUG99, AGWY11, BMLLC+19, LVP07, LY08, ST14, VLGV+18].
StreamTMC [WQZ+13].
Stretch [GG01, SBÇ12b].
String [BL94, RS90b, CKK+13, Kri91, MM07b].
strings [SCS+08].
Striping [CT93].
Strongly [SZB92, MHPR05].
Structured [AGG98, SM92b, WM92, CWLD05, CGKY12, CTT16, DAB+14, FJG06, FKJG08, GA90, GWH06, IKS87, MRJ+19, SZ09, SRI14, WXZ05].
structured-mesh [MRJ+19].
Structures [Ano96j, ADM+94, CCRS92, DOP98, DRC90, Gup92, SIR92, ZM94a, AEY12, FCG04, GZ08, HA05, LJS6, NCT+07, Zsa16].
stub [WSG91].
students [Ada17, APV18, AJG18].
Studies [GT02, HCAA93, CCE+17, SCB08].
Study [AAD02, BJ96, BA01b, BS96b, BS96c, Cha96, Gag97, HPT+97, HB99, MS99a, NBP98, Oru94, QM01, RSD94, SSG93, SSRR94, WAA+94, WLR90, YMR93, AP91b, Bad04, BJ18, CBM+08, CKB+08, CHLL18, DI91, FRM15, GRH+05, HDJ90a, HA91, LWC+18, LGZ+10, LGVR919, LPX05a, MCAS12, NVT17, PP13, PTK+13, RÖE+18, SJVRVS19, TB90, TDAR18, WLCZ15, WMG13, ZKZF18, ZLJ+19].
Style [SS00, LZZ+11].
subcellular [WDS+18].
subclasses [CP04a].
Subcubes [SR95].
subdomain [CEGS07].
subgraph [Pla13].
subgraphs [BCH15].
submachine [FPF06].
Submesh [SP96].
subproblem [SMT15].
subscribe [MS19, WLL16].
subscription [ST12].
Subsequence [MS99b].
subset [AVAH18, WLL16].
subset-sum [WLL16].
substitution [GPX08].
Substrate [KMKD97].
Substring [CB96].
Subsystem [GGD93].
subtasks [SSM+06].
Subtree [DP00].
submit [RK18].
succinct [BHR91].
Sufficient [SJ96, Sce17, AjHcc90].
Suffix [DP98, CS06a, GZ08].
suitable [PGS06].
suite [GN15].
Suited [PRS97, GS91b].
sun [AVAH18, WLL16].
s summarisation [LJQ+19].
s summarization [NML+19].
s summary [Rob09].
s summarization [JHM05].
Summing [Sau02].
s sums [HLS03].
Super [WLY01, PW17, SAOKZ05a, SAOKZ05b, SE15].
super-[SAOKZ05a, SAOKZ05b].
super-matrix [SE15].
super-pipeline [PW17].
Supercomputer [CB02, GHS86, SWHB17, UI84].
Supercomputers [AP93, CRV94, CP94, GRS19, LF03, TDBL13].
Supercomputing [Ano06i, FR98, HRC09, KR15].
superconcentration [JL05].
Superconcurrent [NR95].
supercube [SSB91].
SuperNode [AT94].
superposition [dSAJ15].
Superscalar [LP97, LC13].
Superstabilizing [KUFM02].
Super toroidal [DF95].
supervision [BPA06].
supplier [SK11].
Support [AL99, AH94, CP99, FBK98, KR97, KC99a, LTH97, LFH+03, MBL+92, NS97, PL95, RPS93, TF92, YFS+15, BAL05, CQ+06, CQC+04, CKB+08, DRR13,
GB11, HPB+10, Hus17, JBY+05, Kim11, NSDZ18, PB19, PQ19, RR05, RS19, SDS10, SK91, SAB+92, SRI14, TYH09, TGPUC16, ZBR11, ZWRI07, LST+13]. supported [NPS+19, YPCW16]. Supporting [HA06, Sto87, WLN06, BSW07, LSZZ15, LHCC19, SKM04, ZTGL17]. supportive [FCJG+18]. suppression [DZC17]. Surface [CWW+95, CY96, VBDR13]. surrogate [UAPM07]. surveillance [NML+19, PLSM18, SMP17]. Survey [BCH95a, GHKS98, CPJ+19, CGC16, DAB+14, FEH+14, FMIF18, GM14b, GK10, HLBM16, HBC15, JHL+18, KZW19, SCN12, SRI14, SHA17, TKG+17, Upa13, WLK+19, ZAB18]. Survivable [HWWH08]. susceptibility [DFST13]. suspect [XYG07]. sustainability [AK18]. sustainable [LS10]. sustained [RMHR17]. SVD [CL88, RS08, ZB97]. SW [RBG17]. swap [FP+08]. Swapped [Par05, ZXP09]. Swarm [LdPLC+19, ZGJ+18, dCPD19]. Sweep [GGN93, DMCFCM03, GM14a, KMP+06, CMR10]. Switch [ASH+01, CRD12, OK01, PD92, CL00, LHKL03, WLWW09]. Switch-based [CRD12, LHKL03, WLWW09]. Switchable [SB84]. Switched [CCR94, CS93c, GGNN93, LK96, WB01, EB09, KLY05, LWC14, Nap90, PYF08]. Switches [KJ84, PL93, TF92, MG09, PY09a, PY09b, VAS+13]. Switching [DRSB01, GB93, Guo94, LLY93, OY00, ST02, BKCM17, BMIM07, CC14, KG10, LCLK10, LWLD12, PL06, ST06, STKW12, ZPK+14]. Sybil [YXX13]. Symbol [OWK14]. Symbol-level [OWK14]. Symbolic [YJ96, CJY04, WD18]. Symmetric [BJ99, DHB02, DZDZ01, HOE+09, HJ01, Kau94, ORU87, ABGV11, ADV14, BC05, BW08, BB85b, EM89, KA03, VGAB08]. Symmetrical [IM94, QY94]. Symmetry [Kel00, HT90, MJ03]. Symposium [OY13, Wei01, Ros07, Shi03]. SYN [XCH08]. Synapse [Ram92]. Synchronization [AS97, AGW98, ABP92, AH94, BA96, Cha95, CTC+10, FR92, GVA+08, JLR+97, MMRV98, OK95, PB95, RL06, RSS99, The02, WUG99, XMN92, CRA+08, FZC+05, FFY19, HMBW07, HA06, HLS12, HZDP12, LA06, PB09, TG04, Tau16]. Synchronized [LNA12, JS86, XLL15]. Synchronizing [DKMV01]. Synchronous [BCV05, CS95c, GY94, NSL99, YO00, SKR93, Sch91, Soh96, ARP18, ABBD14, DGD10, FXW03, KVNV17, MC14, MEMEHI17, PK05a, TBC+17, WTC08a, WTC08b]. synchronously [SP90]. synchrony [CB15]. Synthesis [HL01, Lis90, PP92, BYG+18, CKK+13, HDT+05, KKB+06, TdAR18, WD18]. Synthesize [HLJ98, DSEP17]. synthesized [MC17]. Synthesizes [Ram92]. Synthesizing [SL89, Che86]. Synthetic [Pop91, AAK+13]. Sysplex [KNC+97]. System [BK95, BBD+91, BA01a, Bev02, BMM97, BJK+96, CP92, CP99, DHR96, DSD+97, DH95, DT92, FKB17, FP93, GH90, HBCM99, HCS+00, HLL+95, HWLR14, Kav93, KMB91, LP96b, Lu01, MLW00, MKY+97, MBL+92, MO97, MS96, NKC+97, NaPPC02, SEP96, SLHS19, SG96, Tse95, URO4, wXH00, ZMPE00, ZLH+18, dRO9, ABC+88, ASSS19, AMK+07, BLO5, BCK+09, BGA12, BMF05, BPP05, BSS+13, BYH+17, BJ18, CBP02, Car95, CLMRL15, CSW08, CCEB03, CDJ+89, CK91, DS04a, DJ91, DXS+19,
DTK11a, DLW$^{+}$12, DB86, DMS$^{+}$16, EC89, FFYH19, Fer90, GTGLSA12, GSASA19, HJ90a, HM06, HLBM16, HWL18, HMY$^{+}$18, HGX$^{+}$19, HHA14, Hus17, JW89, KH17, KAA$^{+}$19a, KCD08, KSB11, KMF$^{+}$05, KS13, KC04, LMK18, LFH$^{+}$03, LC91b, LLWC17, LAS$^{+}$19, LY13, LHZ$^{+}$18, LAC18, MM07a, MK08a, MC03, NAK04, NTOC3, No12, OYE07, PKN08, PKN10.

**System** [PLD14, PK05b, RV13, RBA$^{+}$18, SPRG$^{+}$12, SSM$^{+}$16, SFT$^{+}$13, SC04, SK91, SSL04, SLG$^{+}$18, SM86, SV18, TKR$^{+}$19, Ud19, VO4, Wan06, WHE$^{+}$17, WS06, WZQ$^{+}$13, WYTX13, gWW18, YCH$^{+}$10, YXW$^{+}$18, YLB90, ZMC06, ZHH15, ZFT$^{+}$18, ZKZF18, ZGW$^{+}$19, ZW13, ZJ06, dAAD$^{+}$19, AGWY11, HCAA93, Sie16, Ski16].

**System-Level** [Kav93].

**System-on-chip** [DMS$^{+}$16, LY13].

**Systematic** [IAS$^{+}$92, KK95, LB89, WAS88, ZTGL17].

**Systemic** [LZN19].

**Systems** [ASH$^{+}$01, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02u, ADS98, Bah00, BBM$^{+}$02, BBR94, BPR99, BW95b, Bout02, BN02, BS$^{+}$01, BS96b, BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Cho93, CDbCD00, DDO$^{+}$18, DSS95, DA97, DS96, DSW94, DAYA02, DG94, EMP$^{+}$96, FGKT97, FTC00, GCKM97, GM99, GRR93, GK93, GMM00, HKT$^{+}$91, HNM02, HLL95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JRR99, KS97a, KBC$^{+}$01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMR98, MAS$^{+}$99, MT95, MMVR97, MM93, MRR$^{+}$02, MC93, Mir91, NSS97, NM09, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, PP92, QGB$^{+}$17, Raj01, RDS02, RAS96, SM94, Sch91, Ser97, SL95, SRGB90, SS94, Sun02, SFC17, THN$^{+}$93, TH02, TY95, Wil92, WF93].

**Systems** [WF96, WUG99, XH91, YH97, ZR00, Zia92, ZM94b, van96, AL04, ALM$^{+}$16, AA16, AAK$^{+}$13, AOSMO4, AOSMO5, AD12, AFO09, AF06, ACCP12, AA15, ABBD14, AH06, BMB$^{+}$08, BBCQ13, BB03, BDGR13, BOKS19, BW09, BPR03, BJS03, BKO8, BS92, BKMT14, BD04, BPW05, CWLD05, CNLGL18, CRK$^{+}$09, CF88, Car90, CCS06, CKWT17, CTC11, CV109, CRJ10b, CASD18, CGW$^{+}$03, CJA$^{+}$19, CI86, CP17, CAF$^{+}$11, COE$^{+}$17, CSW$^{+}$17, CCC$^{+}$19, DZC17, DK08, DFP06a, DB11, DR19, DDNT10, DGFGK05, DGF010, DM04, DWYB10, DM90c, DQR$^{+}$09, DØ06, DLBL$^{+}$12, DW91b, FJC04, FW$^{+}$10, FPS11, FLCB10, FX10, GMMP12, GZG$^{+}$17, GL89, GNT04, GMRG16, Gos90, GSN91b, GWWL94, GC05, GRR13, GBM07, GF89, HRC09, Hal05, HC09, HEO$^{+}$09, HBC15, HCZ04, HS86, HA06, HP06, HA91, HLL$^{+}$19, HA05, HHK15].

**Systems** [IRRS16, IS06, JSWB92, JMS86, JKIE13, JST12, JLM08, JL11, JZZ$^{+}$17, JW17, Kak15, KKR14, KWH13, KVA18, KME89, KYNV17, KU07, KyLPC17, KSG13, KAS07, KL05, KMS10, Kub17, KMS$^{+}$06, Lai86, LLCC15, LW$^{+}$18, LFS16, LT02, LTL06, LGZ$^{+}$10, Lan09, LZ11, PLL06, Lee90, LHF91, LHK03, LI05, LAK10, LZCY09, LASS15, LZ05, LC90a, Li06b, LV07, LQM$^{+}$12, LNAL17, LLCC19, LAS$^{+}$19, LW89, LPLFMC$^{+}$12, Lop13, Lop18, LS19, LCM$^{+}$06, Luc18, LLS07, LM09, LXZ13, LLW12, LHCC19, MGSG12, MLMSMG12, MB13, MCS$^{+}$19, MP10, MMK$^{+}$11, MAHKZ12, MAKZW13, MS86, MTS90, MFVP08, MLK12, MSK$^{+}$16, MBH$^{+}$08.
MGRRK14, MRT18, NL19, NLB+18, NFHL13, ND12, NZY+11, OS04, OPR18, PMV05, PMV06, PSLM18, PRHB06, PB19, PTN+19, PC11, PSB+19, PH16, PTA08, PF91, PmmD011, QGZP17, RLA+16, RLA+17, RLH03, RPS19, RÖE+18, RN04, SSFP11]. systems
[SW12, SDTD04, SLV19, SP08, SPH13, SFT+13, SYYU07, S08, SCB09, SU7, Sh09, SCS+08, SCMS12, SXZ06, SHLN09, SY04, SHL+13, SCJ+08, SS18, Sie16, SLKK13, SI13, SFHS19, ST05, TLLL10, TLLLV10, TLQS12, TFMS15, TW89, Ter16, TRS06, TB90, TCHC12, UAKI06, VMMB10, VS16, WCWO17, WXZ05, WTC08a, WTC08b, WDDK09, WLST16, WZZ+17, WWW17b, WWY+18, WSG91, Wu11, WSLC11, XHY07, XQ07, XLL15, XLHT13, XPL19, Yan04, YLL17, YHYW18a, YHYW18b, YL89, YQTV12, YZW+15, YYLC11, YZX11, ZAB18, ZGJ+18, ZLKK19, ZZ90, ZAB17, ZZJ+18, ZFS07, ZWW+15, ZTFK16, ZLJ+19, ZV09b, ZCW19, ZQMM11, ZBW+17, Zim90, dG91, dlAMCFN12, FPS12, ORWT+18]. Systems-on-Chip [ORWT+18].

Systems-on-Chip [ORWT+18]. Systolic
[AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86, MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH89, LB89, Lis90, MP88, PYP10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

T [CRJ10a, PTK+13]. T-L [CRJ10a]. Table [HHL18, LACJ18]. Tables [TT10, ASD09, HKW05]. Tabu [BSSH13, Zca13, CB11]. TACD [HGX+19].

Tackling [SMT15]. tag [CRK+09, VRGS17]. Tagging [GHH92].

tail [ASS19, SLZ+19], tailing [YDZ+18], taint [WXZ+18]. Taking [CM03b].

Talent [JL11]. Tall [BDG+15]. Tall-Skinny [BDG+15]. TAM [CSV93].

Target [ERL90, CJDC10, KO11, NDP13, WW07, YCC05]. target-driven [YCC05]. targeted [BKK+11]. targets [BFK04, CRWX12]. Task [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FZWL12, FKKC97, FY07, HBCM99, HKT+91, JTZ11, KLZ97, KA97, KA99, LL98, MSSE02, Moh97, SMO14, SdS97, SZ00, SCJ+08, SS94a, SV00, SBK90, SY92, UAKI06, UR04, VS99, WSM07, YCY+00, AAK+13, AJG18, BKS05, BD05, Bot05, CDS10, DK08, DK11, DDD+17, DÖ06, GQZ18, JL11, JTC+18, KWH13, Kim17, KA05, LLL06, Li16, Li19b, LSC+15, LZLX11, MCC04, MTL+15, OA10, PKN10, PK05b, PA15, SP13, SWP90, STK11, SZB16, TDP15, VS16, WYWG15, ZTFK16, ZHH+19, docs14].

task-based [AJG18]. Task-Level [HKT+91, SBK90]. task-parallel [ZHG+19]. task-based scheduling [Kim17]. tasking [Lun90]. Tasks

[ABM+92, BS8+01, DJ08, ERL90, Hag97, Lat95, LWY97, MAS+99, MMVR97, NMS93, PS93, RDS02, Sin87, AOSM05, FBM+18, BHTL14, BH05, BSMH08, CCK11, CDJ+89, DRR13, GK15, HMR15, HLRL14, IKS87, KUA07, KSS+07, KMS+06, LMGLGLG17, LHK03, LL06, Li06b, LQM+12, Li19a, LB09, LL07, PK05a, PB13, RR05, SS+16, SB12b, SNCP12, SM+07, XLL15, ZV09b, ZHLQ12, dSS11]. Taxonomy

[FEH+14, HM96, Sin93, HBC15]. TCP [BM11, VLL+14]. TDFL [SBK90].
TDM [LLJ00b]. Teaching [CTS17, Eij18, LB18, PBB+17, PGKV18, Ada17, FKR+17, GAC+17, HSS17, Kum17]. teamwork [NKSA17]. TEASE [ZBR11]. Technical [Ano93a]. Technique [BN94, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, ASKTZ13, CX05, CRD12, DeG88, EE05, HBSAS19, KK11, Nes10, Nic88, PVGG06, RBB17, WCF14]. Techniques [ADM+94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS96, ARP18, AOSM04, BBR13, CDB03, CD95, DJDK19, FM88, Gao89, GRR+05, KA08, LPK+10, LP88, MBW16, Pla08, RM11, Raj08, RSVW19, RG87, SF06, T07]. technologies [SJVRVS19]. Technology [Ano02v, CGFH19, ER97, GC95, MKY+97, MRR02, OB88, PBB+17, PGKV18, TMM06]. TEES [ZWWX16]. Telegraphos [KMKD97]. Telemedicine [CY99]. Telescience [PLL+03]. Telescoping [KBC01]. Temperature [SWHB17, ZWWX16]. temperature-constrained [ZWWX16]. template [EFG+14, RS90a]. Templates [ADS98, DP00]. Temporal [GSG+93, Lo92, RJA97, SHL+13, VWHL96, BKS91, CRWX12, WCF14, XYZW14, YDZT18, DFLO17]. temporary [Wan06]. Ten [TAS+01, KA08]. tenant [PVR17, YHY18a]. tensor [IEWK17, LGK+12, MLW+19, RSK19, SMH+14]. Terabit [SH98]. term [BV13, LKM12, MSB+12]. Terminal [HHC98, Li17]. terminals [HB11]. Terminating [Lin93c, MS15]. Termination [ASR93, CW93, HTB98, KHK03, Lai86, Ric98, Tse95, BFTV87, CV90, Eri88, MD07, MFVP08]. ternary [GNW03, KRM14]. Test [GRS97, PKK91, Soh96, WW97, ALLM11, DWHL87, LGT14, NCA+12, dMS18, ALML11, KCP19]. test-and-treatment [DWHL87]. testbed [HGG010, LBE03]. testbeds [VPHML06]. Testing [CY95, GBF+92, GS99, KW02, WG93, KCP19]. tests [Psa96]. tetrahedral [CZZ+17, LWCC15]. text [BV13, LHCC19, PAG+18, SWW+17, WD13]. Their [Kop97, BM08, CRWX12, S186, TDM05]. Themes [RCY97]. Theorem [SHSH17]. Theoretic [AnJS01, KK10, MGRRK14, PC11]. Theoretical [HC97, LZC11, CTK11]. Theory [CC08, DM90a, PTA08, VBM90, ZLCJ2, BDjQ19, BM08, GDB05, ZM90]. Thermal [NHX+19, SHS17, LFS16, OJP+18, SNMB16]. Thermal-aware [NHX+19, LFS16]. thermally [TKKH17]. theta [LL18, STMZ18]. theta-join [LL18]. thin [ST08a]. things [AMU+19, TKR+19, CCC+19, CDPS18, DAPR18, ECP+18, HAC+19, HMY+18, LAS+19, LQJ+19, MS19, NLO+18, RSVW19, WSX+19, WCH+18, WCCH18, YWJ+18, ZLT+19]. thinking [CCE+17]. Thinning [KLP10]. Thread [KCSS18, LW19, OTKT12, CGM14, CDAN14, DWYB10, KL13, RDCQ17, SLG06, ST05]. Thread-Data [LI19]. thread-parallelism [RDCQ17]. Threaded [NS97, ASSS19, BH17, Kep03, KI15, PYP+10, GSV93]. threading [Ngo06]. Threads [GSC06, LFA96, SEP96, TG99, DKRI09, PMDO11, PL03b]. threat [HMY+18]. threats [CWCW18, MMN+18, SF06, TKG+17]. Three [FCG04, FL8+97, FT94, GG01, GH96, KR98, NE85, P92, SSG93, SSOB02, YMR93, ANEA13, LW06b, LWS16, YJL16, ZFS07]. three-body
[YJL16]. Three-Dimensional [FLS+97, KR98, NEG85, FCC04, ANEA13, LDS16]. Three-Stage [FT94].

Three-state [LW06b]. Threshold [BFMT+18, CGA98, NKV14, PAM94, LWXX19, Nik04, YTH+19].

Threshold-Based [CGA98]. Through-Wafer [MLW+97]. Throughput [FM99b, HWC08, HB11, JSS92, MMVL11, BSW07, BLMB13, CLA+18, DW12, GRR13, HVW16, HWLR14, HGX+19, KS11, LMSK18, LMR05, LHX+16, LNC13, SA11].

Throughput-coverage [HWC08]. Threshold-Based [CGA98]. Throughput [FM99b, HWC08, HB11, JSS92, MMVL11, BSW07, BLMB13, CLA+18, DW12, GRR13, HVW16, HWLR14, HGX+19, KS11, LMSK18, LMR05, LHX+16, LNC13, SA11].

Threshold-Based [CGA98]. Through-Wafer [MLW+97]. Throughput-coverage [HWC08].

Throwing [Tse95]. tickets [LMJC11]. tier [MS19, MZZC12, MCZ14, WQL14].

Tight [BBH+98, FSZ07, Mat06, CH06a]. tile [LCJ+18, ZLKK19]. tiled [JHF+17, WQZ+13]. Tilera [PCMM+17].

Tiling [AR97, CWW96, RS92a, Xue97, KSG03]. Time [AAL95, AK93, Ana14, Ano92c, ADS01, BPJC92, BBM+02, BA96, BM04a, BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Cha94, COS+95, DP98, DS01, DJ98, DD95, EL97, EMP+96, Fah96, FKB98, FY97, GS99, GMM00, HRG+11, HA92, JR95, JH92a, KF95b, KS97b, KEA95, LTWY95, LT96, LP97, LVR90, LM96, LAS+97, LFA96, MRSM98, MT95, MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, Nas94, NIR86, NH93, NP09, OY00, OW95, OS96b, OSZ98, PW96, PL15, Pel90, Pel95, PS93, PM96, PM92, QMC94, RS02, RU99, RAS96, RIC98, SCMB90, SN92, Sun02, TSBF97, TV97, WBTM09, WA02, WS97a, WHD02, ZLPP01, Zim96, van96, AOSM04, AO05, ACC12, BNP02, BVG14, BGR13, Boll17, BKP05, BW18, BKK+11, CF19, CH06a, CCK11, CRJ10b, CLL09].


Timing [ADS01, BSS99, CB99, Kar92, CSJ+13, FVLB09, ISM07, KKK+11b]. Timing-Driven [CB99]. TImMANN [VM95]. Title [Ano98l, Ano99h, Ano00c, Ano01i, Ano01h, Ano02d, Ano03b, Ano04a, Ano18y, Ano18z, Ano18-7, Ano18-28]. TLA [SHL+13]. Tlib [RR05]. TM
Toeplitz

Toeplitz-based

Together

Token

Token-Based

Token-Chasing

Tokens

Tolerance

Tolerant

Tolerate

Tomography

Tool

Tools

Top

Topic

Topological

Topologies

Topography

Topography-aware

Tornado

Torus

Traffic

Tracing

Track

Trade-Off

Trade-offs

Tradeoffs

Traditional

Traffic
traffic-aware [LHLM14]. trails [PR12]. Training [LWOG02, FFYH19, SMKL93, ZHG+19, ZLS17]. trajectory [WLYS19]. transaction [SI13, YWD08, Yan09]. Transactional [AM12b, CRB19, Gra09, Gra10b, MP10, BGA12, CGM14, DT11, FWM+10, GKK+13, HGFF10, KR17, PB19, QGZP17, QGZP19, RDCQ17, SDS10]. transactions [CC16, FGG17, MLMSMG12, QGZP19, UBES10].

Transceiver [DKMV01]. Transfer [Lu01, APK18, CK06, JKV15, LE19, LGG08, WH17]. transferability [CSS11]. Transferring [SSS99, GLGLBG12, LMGLGLG17, SCMH13]. Transform [BA95, CP91, Fer93, GZ97, HN91, Lla17, CV09, DS04a, DPRW85, ESTA94, FSD04, HH16, SSL04, TKHG04, CKV+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transferring [SZR+18]. Transfers [NSSS99, GLGLBG12, LMGLGLG17, SCMH13].


treatment [DWHL87]. Tree [AAP01, AS96, BBR94, BM97, BCLR96, BE95, BF01, BS00, COS+95, DR19, DV296, FA95, Ge94, GS01b, HR92a, KC99b, LPS+98, OD95a, OW95, PL94, SLP+98, Sk96, Tze91, Wag94, ASC+18, AB13, BFG+03, BM14, BC05, BE13, BPBR11, BBD18, BBL04, CG12, CRD17, DJ16, EB09, FMM+08, FJ Dawson, GHIJ91, GA90, HSS10, HMR15, HSW04, HN19, tH90, IKS87, KG10, KSK15, LY10, Li10, Mit07, CO70, PV07, Sch89a, SAF05, SV18, SK05b, SLHS19, SJ19, TG03, TR16, WW12, Wu85, Zah12, LSL06, BBCQ13, GB11, SJ19].

tree-connected [HSH04]. Tree-Dags [BCLR96]. Tree-Related [OD95a].

tree-structured [GA90, IKS87]. Trees [AP94, AS94, ADS98, BBN93, BP02, CS95a, DM95, DP00, DBS00, DJM94, DLP99, DS93, Ef96, HKM98, HM01, HS94a, HHC98, Iq92, LP96a, MD98, PM92, ST02, SHL95, TT98, Wag93, WW96, WB01, WFL98, oPP00, BNP02, BL89, BMIM07, CI03, CS06a, CFJW13, CDR09a, DGNW13, Ef91, ESQ+11, ESQ+14, GHY10, GZ08, GNW03, HPT07, HAC17, JLY12, KKN13, LVP08, LMZ04, Lin03, LHT08, LFZ+17, MKW18, OMSGNSG05, PD05, PPC04, RDA18, SKK91, TDM05,
Wag89, WL90, WC91, WFZJ12, WIB12, YZLT09, YMLP14, Zep91]. Trellis [LCM'+06, SGdSS13]. Trends [ACB'+15, ER97, HAC'+19, KKKG14, MCS'+19, BHS13]. Triangular [IK94, CASD18, dMS18]. Triangularization [KK86, CDR90, EM89]. Triangularizations [Par92]. Triangulation [DFRCU99, LS95].


Tunability [CKK00]. tuned [PSB'+19]. Tuning [CSMML10, SB02, TaAR18, ABGV11, APK18, HPT07, KKR14, MYD'+11, MML07, uRIL'+18]. Tunnel [ZBR11]. Tunnel-based [ZBR11]. Tuple [STKW12, DRT07, LdPLC'+19]. Turbulence [LLCC02, PLK'+18]. TWDM [LLJ00b]. twig [LSZZ15]. Twisted [HTHH02, AP91b, FLP07, LFZ'+17, WFZJ12, XHZZ16]. Two [AaS01, BNS00, BBH'+17, BP01, Cha94, CMR19, CCC92, CEF'+95, DD96, DKU15, Gos90, GT97, Hwa97, KLZ07, LHS97, LP96b, LK94, LLCC02, NAK04, Qia97, RFPAG08, RP95, SSM89, SSHC00, YCY'+00, AB05, ARM'+05, CF88, CG86, CB11, Deh90, FSV17, HDJ08, Hsi04, JD12, LC91b, MP10, PMV06, SNCP12, SS94b, WLL16, YYWZ19, dIaMCFN12]. Two-[Hwa97]. Two-Dimensional [LP96b, YCY'+00, CMR19, NAK04, AB05, Deh90, LC91b]. two-fixed-endpoint [Hsi04]. two-layer [YYWZ19, dIaMCFN12]. Two-Level [KL84, Qia97, RP95, SSHC00, BBH'+17]. two-list [WLL16]. Two-pass [DD96]. two-phase [SNCP12]. two-stage [HDJ08]. Two-Variable [CCC92]. Two-Way [LK94, LLCC02]. Type [HO94, SC91b, BFH09, GA18, GNZ18, PTN'+19, QGL'+09, MV94, MVV91]. types [ASB18, RJKL11]. TYPHOON [HKW05].

[KY02, KUFM02, RMC97]. **unification** [RM90]. **Unified**
[AGG98, BL90, CP10a, DM95, JBL02, Amm16, ABO+17, IHH16, KH89, LAS+19, LZN19, Tal19, XRB12]. **Uniform**
[AS94, BGJDL02, DR95, GM95, KY02, SMO+18, SR88b, TT98, TC96, VN93, Xue97, ZM94b, BBFN14, CLL09, KSG13, LHWJ19, LW06b, Mar88, MM07c]. **uniformity** [BBB11]. **Uniformization** [DHK04, NH93]. **Unifying** [NSDZ18, RCY97]. **Union** [KF95a, ST14]. **unique** [WCWH03]. **unison** [DPBNT12]. **Unit** [AGW98, ASC+18, BHS13, JPD17, KNS91, KM88, QSL+08, SIY14, SAIJ13, XL11, ZMCP11]. **Units** [AM97a, AGG98, DDGK13, YJL16, ATDH13, BK13, CLA+18, DP16, KL08b, SCB08, Emc13, GLGLBG12, YL12]. **Universal** [BBS13, LWXX19, ACH18, CSB08, Eme13, GLGLBG12, YL12]. **universality** [SH89]. **universe** [RFP+19]. **unversioned** [Ahu90]. **unknown** [MJ03]. **Unlabeled** [Man97]. **Unleashing** [ARD14]. **unmanned** [SRB+19]. **UNPACK** [BR96]. **unrelated** [CG11]. **Unreliable** [KB96a, AM06, DDG+17, KRS15]. **Unstructured** [OB98, WCE97, ACFK07, FZ14, LL19, LWCC15, MSZ05, YF09]. **Unsupervised** [BST01, DSAUM99]. **untraceability** [CL09]. **unwinding** [Nic88]. **updateable** [MLZY17]. **Update** [GS06, LSH96, BM11, KHK18, LL19, RTCG91]. **updates** [Kol19, YZG18, ZLT+19]. **Updating** [JSM94, SDS99, AEF11, JBA15, KAP90]. **upon** [AFM09]. **Upper** [LXL12, NDP13, GC07]. **uranium** [YDZ+18]. **urban** [PTN+19]. **URL** [XRB12]. **Usage** [BS96a, IHH16, KBC19]. **usages** [CJYC19]. **Use** [BW96, BST01, Kar92, NVK+11, SV00, ACHY18, CJA+19, MSZ05, NAK04, SSM08]. **Used** [LL95]. **Useful** [Bal90, GSG+93, FM85]. **Useless** [Yen01]. **User** [GRS97, KOW97, RKK06, WCX11, CFI+18, LC11, LBT19, MAJJ05, NGOQ13]. **User-Level** [KOW97, MAJJ05]. **User-Space** [GRS97]. **Users** [BST01, ZRO0, ROE+18, SY04]. **Using** [Ay93, BA97, BCLR96, BG01, BMLLC+19, CCRS92, CP92, CASD18, CB02, DS95a, DHB02, DMSH90, DWX10, FR96a, FZVT02, FA05, HPT+97, HK01, HS97, HC97, Hwa97, KJ84, KA97, Lat98, LMCF90, LPZ99, LFA96, LL98, MD98, MP96, MS86, Moli96, MF86, NH93, NS92, NPY+97, OS93, PH91, Par92, Par96, PKD97, SGG93, SM92a, SE96, SP96, SM00, SD00, SL97, SIR92, SWC+91, SKH96, Swa98, TSCO1, TR96, VRRM10, WPKK94, WW96, WSRM97, WB01, WRC+02, WS97a, WCYR08, XLW+18, XH91, YMG01, ZMPE00, dOCS14, ASKO16, Ale19b, AFM03, AZC13, ASST05, AD12, Ara90, AK06, Bar05, BD05, BAMB05, BCM15, BHLT14, BS92, BSH15, CL14, COV13, CSW03, CJC10, CF88, CK08, CdVL+08, CK07, CBM+08, CD04, CH06b, CRWX12, CLXX19, CMT92, CL85, DMK19, DDG+17]. **using** [DJDK19, DPRW85, DKRI09, DJT03, DH91b, DWHL87, EE05, EIO7, ES12, FTK14, FM07, FCS91, GZ08, GRDB05, GCS06, GK19, HDM11, HSH10, HW18, HN19, HMY+18, HC91, JTZZ11, JP09, JGMY17, JZK04, KL08b,
KRKS11, Kan05, KDO+13, KKH17, KM17, KS18, KSJC17, KR12, KME09, KC17, KR06, KKB+06, KA05, LS15, LT10, LY10, LR0a, LS1+13, LW19, LSWC14, LWW18, LA04, MHLZ16, MM06, MS02, MZC18, MRS+14, Men18, MK08b, MC03, MRT18, NV19, NMS+18, NCTT09, OPR18, Ozt11, PKN08, PKN10, PBS08, PVG09, PMa08, QGZP19, RBN11, RB12, RPN19, SM04, SBC6, SSM89, SHK19, SSS07, SCB09, SA19, ST12, SGAC14, SCJ+08, SIY14, SDG17, SA08, SF60a, SQQL19, SLK13, SL06, SLHS19, SJG19, SMT15, Tam18, TP18, TRS+12, TPLY18, TDP15.

using [TMM06, TKX+13, UAPM07, VLGV18, WCF14, WZZ17, WDS18, WD18, WU03, WBRT13, XCS06, XCC19, XLHT13, ZV06, ZV09a, ZS13, ZBW17, ZHO03].

using/for [MZC18].

utilities [AM06].

Utility [CRJ10b, LL07, QH96, ASST05, CRL04, VMMB10, VLL14].

Utility-based [LL07, VMMB10].

Utilization [AS91, LT96, ZV12, CCHC09].

Utilization-based [ZV12].

Utilizing [AM06, CM92, LA93, PDP17].

V2G [TODQ18].

V_THR [DMB97].

VA [PW17].

VA-DE [PW17].

VAF [PLSM18].

valid [BBCQ13, FZ90].

Validation [KM03, LST+13].

Valuable [Str12].

Value [HH01].

VANET [WZ13].

VANETs [BL04, CHCG18, IC05, MP08].

variable-length [MP08].

Variables [HV95, HS00, Hal05, HV09].

variant [HGX+19].

Variants [XL95].

Variation [Y96, HRF+11, MEMEMH17, MSEM+19, ZRN+14].

variational [MK08b].

variations [WCF14].

Variety [WM92].

various [KHH15, LW06].

Varying [KEA95, PP96].

VAYU [RCG18].

VCR [DSST95].

VCube [dAAD+19].

VCube-PS [dAAD+19].

Vector [AMB95, CP94, GE94, LS85, LS96, NFES97, Ric98, Wol88, Yan93, YFS+15, AKD06, ASE05, A061, BGO19, CP10b, CLR90, CM91, ESTA94, G03a, GHS86, KK88, LB10, MBW16, MS02, PR13, Sch87, Sol13, ZLMC14].

vector-core [Sol13].

vectorial [SSKS11].

Vectorizable [VH93, Can18].

Vectorization [KCSS18, Wol88].

vectorized [TP18].

Vectors [TR96, BDG+15].

VEF3 [CCAAS19].

Vehicle [DH04, PTN+19, Sch13].

Vehicles [CQX+18, AK18, AKS21, BJ18, SRB+19, ZWW17, ZCW19].

VERDI [SRGB90].

verifiable [CXY14, XLC+18].

Verification [AS00, BR95a, MB96a, SHSH17, AM17, Eri88, Lag07, RPN19].

Verifying [WG93, YDTZ18].

Versatile [CGL+14, DVZ96].

versatility [KGN11].

Version [WW96, LHZ+18].

Versioning [ZLH+18].

versions [BSMH08].

versus [FBDC99, G041, JL10, LPU97, Sun02, TSHH01].

Vertex [AK17, WFLJ16, XYZW14, XHZZ16].

Vertex-disjoint [WFLJ16].

vertex-pancyclicity [XHZZ16].

Vertical [LHNN19].

vertically [LHF91, SM08a].

vertices [ACU08].

Very [OP96, DHIK04, MYM10, PDB13, YO11].

VForce [MLK12].

via [AM13, ASA18, AKBD10, AD10, BM17b, BP98, BYT19, CJ07, CVJ09, CRA+08, CM10, ECLV12, HVW16, HBF12, KNH18, LÜ14, LT09].
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