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18 April 2018  
Version 1.94

**Title word cross-reference**

$(a,b)$ [DJM94]. $(f,g)$ [CDD+15]. $(k,2)$ [EMMM94]. $(\kappa - \kappa)$ [KT91]. 0  
[EE05, PMV05, PM96, SM89b]. 1  
[EE05, HV09, JM14, PMV05, PM96, SM89b]. 2 [Ano93c, BDKM94, BAES92,  
CS92, CS93b, HSSM07, HHC98, KRKS11, KLC05, LXL12, LME95, MD01,  
SS94b, TSFZ14, Tur12, WC91, WS95, Wu02, YA11]. 2.5 [MPG17b].  
$2 \log N - 1$ [CC14]. $2 \times 2$ [PD92]. 3 [AA14, AA16, BDRB14, BAL05, BC94,  
CW00, CCCM96, GOH+13, GW99, Joh89, NM17, OGRV+12, PYP+10,  
PFC95, WC91, Wan07, WS95, YA11, YB01, ZLS17, Zsa16]. 4  
[KMC16, MD01]. 45 [HRF+11]. $4 \times 4$ [Jia99]. 5 [CCCM96]. $^*$ [HCZ04]. $^*$2  
[HCZ04]. $^+$ [OC07]. $^\cdot$ [HCZ04]. $^2$ [ASST05]. 3 [ASST05]. B [YL89].  
$C^3$ [HK96]. $C^3I$ [PAJC97]. $d$ [DFN+94, DTK11b, LSC00, VB94]. $\omega W$ [MRRT07].  
G [BFKW13, BNP98]. GF($2^m$) [SKH15]. h [GS98, KLP10]. $hp$ [PPTV+10].  
K [ACU08, BE95, DWG03, DBCF13, HHC98, SLP+98, SL00b,  
KMC16, MD01]. 45 [HRF+11]. $4 \times 4$ [Jia99]. 5 [CCCM96]. $^*$ [HCZ04]. $^*$2  
[HCZ04]. $^+$ [OC07]. $^\cdot$ [HCZ04]. $^2$ [ASST05]. 3 [ASST05]. B [YL89].  
$C^3$ [HK96]. $C^3I$ [PAJC97]. $d$ [DFN+94, DTK11b, LSC00, VB94]. $\omega W$ [MRRT07].  
G [BFKW13, BNP98]. GF($2^m$) [SKH15]. h [GS98, KLP10]. $hp$ [PPTV+10].
SDG17, TT98, WCH+17, WS97b, YTH07, YD98, ZHT16]. \( k(n-k) \) [Lin03]. \( \kappa \) [XL95]. \( L \) [ZBW+17]. \( L T Q_n \) [XHZZ16]. \( LU \) [FHL+15]. \( M \) [YLB90, ABBD14, WTB+08]. \( N \) [AY98, IHM05, NTA96, SHT+95, AKPT99, BVB02, GL90, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. \( n^n \) [PK07]. \( n \times n \) \( [COS+95, NS94] \). \( O(1) \) [Can18, GP94, Wan07]. \( O(\log 2N) \) [BNP02].

\( O(\log_2(\min(m,n))) \) [XL11]. \( O(\log_2 n) \) [JBL02]. \( O(\log \bar{m}, \log N) \) [CC14]. \( O(\log 2 \log N) \) [BNP02]. \( O(\log 2 \log N) \) [GS99]. \( O(\log 2n) \) [JBL02]. \( O(\log \bar{m}, \log \bar{N}) \) [CC14]. \( O(\log \log 2N) \) [BBL02]. \( O(\log \log N) \) [GS99]. \( O(\log N) \) [BNP02]. \( O(\log N) \) [GS99]. \( O(n) \) [DLV11]. \( \Omega \) [MRRT07]. \( P \)

[BM97, PMV05, YBX+13]. \( P^3E \) [HSJP87]. \( P_4 \) [ANP07]. \( \phi \) [AK07]. \( \pm 2^b \) [Nas94]. \( q \) [DP00, Lat98]. \( QR \) [BDG+15, FHL+15, ZLRP91].


/many [KSG13].

0/1 [LSS88].

1 [HV95, MF94]. 1-Writer [HV95]. 10 [LB12]. 10-Gigabit [He05]. 16S [ZFWS06]. 1D [PA04].

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

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

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

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].


Access [ALLM11, ADS98, Bal90, BP02, Bit92, BR95c, CW93, CH92, DP00, FY96, HP00, OS98, San98, WMG01, ZRC99, AM13, BGLA03, BR91b, BC11, Che90, DFP06a, ETS14, FA07, FC90, FLC14, HC91, KKK11a, KGN11, Lan09, LZ11, LWZZ12, LC11, MLZY17, MYY17, MM07c, NKK16, Pad91, SM99a, SR88b, SR90, WT03, WR91]. Accesses [MRRV98, SR97a, SR97b, JZ05]. Accident [CCW14]. accrual [CRJ16]. accumulations [SAF05]. accuracy [EH01a, PKK91, CRWX12]. Accurate [DD95, KK88, BFKW13, CGL+14, GJ12, HDT+05, HZDP12].

Accurately [LC13]. ACE [PL98]. achieve [LCB16]. Achieving [EH01a, KEA95, NPY+97, XLC+18]. Acknowledgment [Gra10a, KL08a]. Acoustic [LPLFMC+12]. across [SGdSS13]. Action [Sie16]. Actions [WR95]. Activated [NPP+02]. Active [SKH96, DB86, HOE+09, KV10, PMV05, PMV06, PSSG17, SI13, YT05]. active/active [HOE+09]. Activity [AS00, CW93, HES11]. Activity-Based [AS00]. actor [ASM09, YpGyLiC13]. actors [GE85]. ActorSpace [CA94]. actuator [KKK+12, SCN12]. Acyclic [GY92, AFM09, BP89, Zim90]. Ad [Ano01e, GS01b, LC14b, RBP+11, TM10, XG03, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BDF01, BN03, Bou03, CNS03, CW05].
ad-hoc [BO06, CY06, KSK15, LHW14, NMN+14]. Ada [Lun90]. Adaptable [Zim96, LLLC15, LFGM17]. adaptation [BK08, GBMZ07, KGN11, LS06, NZY+11, WWY+18]. Adapting [DKRI09, Wei02, SW18, WRW13]. Adaptive [ASH+01, AA93, AA16, AMN00, ACPT15, AYIE98, ACFK07, BLPA05, BOT13, BPR99, BL90, Bon02, CS00, CGM14, CLT96, DY99, DHB02, DMB97, DM99, FLS+97, ISM07, JK00, KR97, KKKG01, KG10, KLKK98, KB01, Lan94, LLL06, LPK+10, LC11, SME03, ME04, MV88, MD92, MTS90, OR08, OR97, PW96, PRS97, PIB+01, RDS02, SS06, SKK97, SJ95, SB02, SSOB02, SLG06, SHT+95, TC04, Ten90, UBS10, VMMB10, WCE97, WA02, WL10, YYY97, ZHLQ12, ZM94a, AOSM05, AGMS04, AF17, BM17a, BCFF05, BMT12, BBS13, BEN12, CL03a, CMMN10, CP04b, CDCD05, CAF+11, DMB+03, DLW+12, DAB+14, ESA03, GBA08, GA16, HNSA07, HKH15, IZ12, KK17, KMF+05, KKS08, LST17, LY91, LHX+16, LA04, MCdS+06, MSAF04, MPG17a, MPN17, NKK16, OPG08, OS04, PPTV+10, SMO14, SB12, SHLN09]. adaptive [SMB10, SHC14, TLY12, TKHG04, TT07, WW04, ZXYO11, ZWRI07]. adaptively [Mit07]. Adaptivity [OH02]. ADDAP [DHR96]. Addendum [Ano92a]. Adders [NIR86]. Adding [MSZ05]. addition [OB88]. Additional [LP97, CKN07]. Address [KY96, SL97, TR96, YQTV12, WZ13, YGZ+10, YC12]. Addressable [Win85, KRM14]. Addresses [CGL+95]. Addressing [ZLPP01, Ho91, TY90a]. adjacent [CFJW13]. adjusted [TDBL13]. adjusting [MC91]. ADM [Pad93]. administration [LB17]. Admission [MBO11, AAA+10, MCZ14, RKK06, XYL06, YJKD10]. ADMs [FSZ07]. Ads [BA01a]. advance [CRH11]. Advanced [BW95a, HDCM11, MCP+18, PGS17, SD88a, TSD08, PLL+03, SHT+08]. Advancement [Lan09, LZ11, LVR90]. Advances [GA16]. advantage [CL03b]. advantages [CCLS94]. Adversarial [GBMZ07]. adversary [dOCS14]. advertisement [WGC09]. advertisement-based [WGC09]. advice [DP12]. AES [ABO+17]. 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, GZMC08, Rao16, SS06, YZS15]. agent-based [FCC07, Rao16, SS06]. agents [AK06, CSWD03, FP17, KERUM04, MS05, SGAC14, BJ18]. aggregate [AMT13, Yan09]. aggregates [WE13]. aggregation [BCO+12, CDR09a, CDR09b, JBA15, JBS14, JHPL13, SSKS11].
XHZ$^+$10, ZSCX18, Zsa16]. Aging [BM17a, LC14a]. Aging-aware [BM17a].

Agreement [AP16, GCS06, HC11, LLW12, REK10a, REK10b]. Ahead
[PL93, mH14, SHL$^+$13, TG$^+$04]. AHMW [BMT12]. AI [UIL84]. Aid
[DBKF90]. Aided [SV18, ZMC06]. air [FL86, YBM13]. Airshed [SS00].

Algebra [CDH84, DVW94, KL01a, WM92, Eme13, FHL$^+$15, ICQO$^+$12,
Joh87, LKD14, RG87]. Algebraic [PL06, Pat01, BAH04, BM08, CM03].

Algorithm [AAP01, AE95, AM97b, AMS94, Ano03e, Ano96l, AS96, ABC$^+$09a, ABZ95, Bal94, BCC95, BGR96, BS97, BPST96, BOSW94,
BE95, BDDL09, Bou02, BX93, BHR595, CLZ02, CGKK97, CCM01, CB99,
CS08, CS93b, CP92, CTZ99, CF98, CRFS94, DA97, DM90a, DMB97,
DS01, DS84, DH94, DSAUM99, DLP99, DT97, FY96, FT94, GGN93, Ger98,
GRR93, GP00, GS99, Haw97, HH01, HBJ98, HO94, HM99, Hwa97, IZ95,
JP95, Jia99, JK00, KR502, Kar02, KSA95, KK98b, KA97, KC99b, LP96a,
LO94, LHV595, LP97, LWP02, MT97a, MIi99, MV94, MSST99, NTA96,
NM02, Par98, PE93, Par96, PL94, PB95, PM96, PRS97, PM92, RR95a,
Ren11, RP95, SAOKMA02, SZ00b, SCC92, SR94, Shn95, SM00, TU92,
TZ00, WSRM97]. Algorithm
[WD94, WA02, WLD02, XWC$^+$08, YZY96, mYF92, ZB97, AOS$^+$05, AT03,
AA10, ALM$^+$16, AA14, AA16, ALLM11, AK07, ATH91, AGM04, Ara90,
ADD518, ARDQ18, BFG$^+$03, Bad04, BCS90, BCH15, BFKW13, BH05,
BBL04, CR91, CDDL10, CC14, CM03, CV90, CK13, CL017, CS92, Che89,
Cho90, CZ90, CRC$^+$02, COF$^+$17, CSW$^+$17, DFHH13, DK08, DK11,
DDNS06, DLV11, DB08, DM90b, DB86, Ebu04, EE05, ED05, FZWL12,
Fei03, FSZ07, GLW14, GPX08, GGR99, GT04, Gue86, GL12,
GB06, GAOG17, HJ90a, HES10, HSS10, HES11, HSY10, HRJ94, HLM$^+$90,
HVW16, HL07, HWY$^+$10, Kal04, KR10b, KH13, KK06, Kim17, KM03,
KA91, Koc91, KIH15, LVP08, LSS88, LASS15, LMZ04, LO91, LLT12,
LU14, LW16b, LB89, LP88, MD07, MM07a, Mar88, McD98, MMS09,
MM07c, MP08].

Algorithm [MMS90, NHO$^+$13, OS04, OT86, PDP17, PK05a, PB15, PHS04,
PB09, QJ05b, RH05, RGD03, RT18, RBG17, RDA18, RKS97, SSTP09,
SCJ$^+$08, SMP17, SA08, SKK91, SM08b, SWW$^+$17, TLQ512, Tt111,
Ter16, TKH504, TYA16, TFSZ14, WLL16, WSH$^+$03, WJ597, Wan07, WG08,
WG09, WLC$^+$13, WWW17a, WJ12, XHY70, XL11, XQ07, XYZW14,
XS618, Yan04, YME06, YY$^+$18, YO11, YSS11, YZLT09, ZZ90, ZFWF06,
ZQMM11, DOBG$^+$15, CMR10, KM17, LY12].

Algorithm-Based [GRR93, mYF92, BDDL09, LP88]. Algorithm-system
[CWS08].

Algorithm/implementation [HWW16]. Algorithmic
[Gao89, SCB08, BBH$^+$17, CG11, JF12, LS05].

Algorithms
[ANT02, AaJS01, AKP95, ABM$^+$92, BJ96, BJ99, Bah00, BPJG92, BLPV95,
BGJDL02, BAES92, BAGS95, BBM$^+$02, Ben15, BSDE96, BOP06, BPR99,
BSS99, BMRC98, BMRC99, Bro96, BA01b, CTD99, CDY97, Cha94,
CGO$^+$96, CDH84, COS$^+$95, CNO3, CP91, CHR94, CWP98, CA95b, DS95b,
DP98, DHB02, DP99, DM92, DSMH90, DFRCU99, DBKF90, DKMV01,
EP90, ESMG96, EMMC94, EL97, FTM$^+$14, Fer95, FR96b, FA95, FV97,
FTC00, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HHM94, HQPT99, HCWS94, HR92a, HP97b, HTB98, HO94, IK93, IK94, Ipq92, IM00, JW94, JS94, KRC00, KAM94, KLZ97, KG94, KA99, LHS97, LSH96, LHBB+01, LLCC02, MB96a, MMR98, MS94, MMVR97, Man97, MT96, Mat93, MHC95, MK92, MS98, MS99b, Nak95, Nas94, PAH+98, PAJC97, Pov99, Pra93, QZ94.

**Algorithms**

[QOvdG01, RS96a, RR95b, Raj01, RSS96, Ram92, RDS02, RSW90, SH90, SS96, San95, San99, San02, SZ92, SY01, Sto90, SY92, Ten90, TVS97, TC96, TFV+15, UD96, VB94, VR95, WNA+94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YMR93, dBL95, AL04, ANE13, ASC+18, Ar13, ACCP12, AAC10, ARV14, ACFK07, BC06, BK+15, BBDC12, BMT12, BS87, BAS06, BOS+91, BKCM17, BFG04, BRPR06, BPP05, BM08, CM04, CP10a, CF88, CRH11, CNS03, Che86, Che05, CRSB13, CRA+08, CRD17, CB06, Cuz11, Cuz13, DS04a, DH91a, DJ16, Dja04, Dja06, DCA+15, DKE15, DJT03, DM94, FHL+15, Fen90, FBRW03, FGG08, FJSW90, FM85, FVCL05, GMMP12, GP07, GZY14a, GM14a, Go90, GK10, GH99b, GWH06, GSS0a, GC07, GN15, Han89, HSSM07, HSW04].

**Alignment**

[BR95c]. **aligning** [LVB07]. **Alignment** [BBR01, CGO+96, DR99, Mi99, MJ01, SS94a, BBM08, BFKW13, BR91b, BMARW07, LC91a, PTZ06, SK09, SPRG+12, SRT+18]. **alignments** [BW09, ST85]. **Aligned-Port** [ST02, ST06]. **all-pairs** [KS91, DCA+15].

**All-Port** [RJMC95, Dim04]. **all-reduce** [PY09c]. **All-to-All** [HP95, LHS97, LWP02, Ede91, LR03b, PW16, ZTFK16]. **Alleviating** [Tze91]. **alliances** [CDD+15]. **Allocating** [BPRG04, Hag97, SEP96, SC+08]. **Allocation** [AM97b, AERB92, CS00, vCM98, DSST95, DY99, DL99, DL01, Hwa97, KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SdS97, SP96, YL98, Zhu92, ALH+09, AKSM08, AAA+10, ADD17, ATZ07, ACCP12, AH06, BM+08, BG86, Bat05, BSMH08, BSS+13, BPW05, CDS10, DW12, DM09c, ERS90, GNT04, GRD05, HWY+10, HB11, JL11, KR10a, KR10b, KWH13, LHF91, LC91b, Li05, LL10, LL12a, LL12b, LDP+14, MCC04, MLK+16, NV+11, PKN10, PM05, PBS08, RLH03, SSM+16, SNCP12, SCMS12, SHL+13, SSM+06, SSVC10, SZB16, SSM+07, TFMS15, ZG13, ZI08]. **Allocations** [BE95, CT96, SSM08]. **Almost** [JB900, SS95, EB13]. **almost-optimal** [EB13]. **Alphabetic** [LP96a]. **alternate** [LS03].
Alternating [BC94, HWY+10]. Alternative [GW99, Pad93, Can18, CBV08, GB06, Ros85]. Alternatives [BAHP01, NBSD99]. alternator [LW06b]. ALU [KF90b]. Always [BRR01, AD10]. always-on [AD10]. ambiguity [LDS16]. Amdahl [CN14, NZ17, SC10]. Among [OO85, GM94b, KS03, MT93a, NMS93, ST12, ZYW+15]. AMR [GWH06, RV13]. AMTE [HC11]. Analyses [KY96]. Analysis [Abr96, Ano92a, BCV94, BCF97, BN94, Blu87, BDF01, BLD01, Buc92, CK88, CC91, CSMM10, CAB94, DLLX97, ES96, Fra92, GM94a, GSG+93, GMC95, GC01, HLM+90, HC97, HF96, IM94, JV09, KME92, Kop97, LW98, LDS16, MF94, MT93b, MM93, MS99a, MRR+02, MT96, MDD97, MHBW86, NBM93, NMS98, OD95b, OS93, PD92, Piu01, PAJC97, RPS93, RKS87, SM89a, SLP+98, SWP90, SWHB17, SHTC93, ST08a, VSM96, WCF14, XL92, ABC+88, AFK14, BCFG05, BBH+17, BFG04, BFL+13, BC11, BM08, BF13, CK06, CSL15, CKT11, CH06b, CWL+07, CPO+03, FC90, FCS91, FD86, FX06, GZG+17, GBA08, GHC+17, HRC09, HSH10, HA91, HB11, IKS87, IC05, JF12, JT88, JBM91, KME89, KA08, KK10, KKK+11b, KG04, KLL87, LMSK18, LdSB+18, Li06a, Li06b, Lzc11, LH05, LP88, MM06]. analysis [McD89, MAKWZ13, MBO11, MEMEMH17, NSKN17, Pak89, PL06, PRHB06, Pfo90, PL03b, RM90, RU08, TLY12, TMM06, WSH+03, WF9, Wu11, XLW+18, Yau09, YH07, ZFS07, ZPK+14, DFLO17]. Analytic [BS96b, BS96c, Har91]. Analytical [DG94, HW03, QY94, SAOKM03, AHZ11, AP91c, Bat05, BFH09, KyLP17]. Analytics [AS13, AS15, CJ17, KKKG14, PS14, PAG+18, YLB+15]. Analyzing [CDR09a, CMT92, Hef05, KG94, LMCF90, LB12, MSH90, MBH+08, RB12, WXZ05]. Anatomy [ZBF05]. Anchored [KS03]. anchors [MKM16]. AND-parallelism [DeG88]. AND/OR [RP95]. Android [TY17]. Anime [MLB+92]. Animation [RGS00, JDJC+15]. Anisotropic [PSE+01, Eo07]. ANMR [BM17a]. Annealing [Be02, BA92, HB97, RSS96, Soh96, XH91, AH06, BG89]. Annotated [KBC+01]. Announcement [Ano93a, Ano96k, Ano01c, Ano01d, Ano01e, Ano01a, Ano01b, Ano02a, Ano02b, GHS96, KAI92, Ano00a]. annuli [Li14]. Anomalous [MST90]. anomaly [DFP06b, IZ12, KKTZ13, RL14]. anonymous [AFM90, FKK+04, KS13, MSJ05, XLG+06]. ANSWER [OEY07]. Ant [COV13, CGN+13, CLA+18, DDGK13, RL02, CCK11, Skj16]. antenna [CCHC09]. 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, Ano1-27, Ano1-28, Ano1-29, Ano1-30, Ano1-31, Ano1-32, Ano2q, Ano2r, Ano2s, Ano2t, Ano2k, Ano2l, Ano2m, Ano2n, Ano2o, Ano2p]. applicability [Can18]. Application [AS97, AYIE98, BB03, BSS97, CKK00, CCC92, ES96, HVM07, Kop97, OGRV+12, PH00, PP92, Ser97, SM92b, SK93, WLST16, dKG+10, AHA+16, AAI+15, BM16, BCM06, BMT12, CP05, CD95,
CKMP17, DBC03, DKRI09, DWYB10, FGM+03, FCP+15, GP91, HSS17, KME09, Kub17, LW16a, Li17, LS06, MLZY17, MCM+11, OSL05, PL06, PGS06, PS14, PVRS17, SL90, SFT04, SS94b, VD04, WJ14, YÖ11, dGP06].

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

application-level [VD04], application-sensitive [CP05], Application-Specific [PP92, SK93, SS94b]. Applications [ABDS02, Ano96i, AFT+00, BOSW94, BMRC98, CCRS92, CA95a, CDF01, DRC90, DS84, EH01a, FR98, FBA98, GCB+00, GT02, HS94b, KR97, LLS93, MHC95, MB92, MBK+92, NB93, FsPPC02, OS96a, PGRF17, PJ18, RS92c, SSOB02, SFC17, TFV+15, US9896, VH93, WGM01, Wei02, ALM+16, AKSM08, ARM+05, AC16, AGMJ06, BBCLL04, BCD+15, BAS06, BHLT14, BM04b, CCC+04, CGL+14, CGM14, CC08, CSML10, CP05, CBM+08, CP10b, CCM+06, CDAN14, Dim91, EDÖ05, ESA03, FCML13, FP14, FRM15, GQZ18, GLC14, GYAB11, GVBB13, GTN+06, GST09, GJA08, GRR13, HC09, HSLL04, HA91, HL07, KJD03, KHK03, KAS07, KBC+10, Kri91, LWCC15, LFM17, MMAL+06, MLK12, NLB+18, NVK+11, NC13, OKT12, Oza04, PCMM+17, PMAL11, PA15, PCLP16, PLL+03, PF04, RCG18, RJKL14, SV08, SM89a, SC+08, SWW+17, SR16, SSZ13].

applications [TP18, TDM05, TOR+14, TKX+13, Ull84, VB08, VM03, YH07, ZVL11, ZSW14, dSS11, FTM+14]. Applied [CB96, BDDL09, EE05, HSLL04, PR06]. apply [NZ17]. Applying [PEC95, CCK11]. Approach [AAL95, AM93, Bev02, BR02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FKT96, FKKC97, GG94, GZ97, HC97, HLJ98, KCRB99, KS94, LS95, LW95, LLCL98, MSSE02, RJY96, RA96, RL95, SP96, SZ00a, TC92, WSRM97, WA02, Won99, WLI02, AP91c, Ara90, AFD+11, AH06, BM11, BAS06, BW09, BCK+13, CTS17, CvdB08, CHT+17, DBC03, DKKV15, DQR+09, FZC+05, FGZ03, GO8, GDL+11, GWL94, GBA08, GXY13, ICQO+12, JLM08, Jou89, KYS13, KSJC17, KZ11, KMS+06, LXW+11, LH04, LC07, MHLZ16, MS05, MSM09, MGRK14, NTN12, NHO+13, Ozt11, SW18, SU07, SC+08, SGG17, SK11, TM06, TBZB05, TP18, TXLL14, TY17, TM10, VB08, WWY+18, WQZ+13, XRB12, XHL18, YF09, YAA10, YWG15, ZHH15, ZS13, ZFL89, ZTGL17].

Approaches [CHGM01, FMIF18, QM01, CB11, KERUM04, KA05, PR06, Upa13, dGP06].

Approximate [JSS92, LHW14, ST12, CLOL17, JHL+18, KERUM04, MM07b].

Approximating [FMM+08, PBS90]. Approximation [FV97, GM14a, HP97b, JST12, Mat93, DUKU15, FZWL12, LV90, LW06a, MK08b, PSRS12].

Approximations [Gon98, BFM06]. AQOR [XG03]. Araneola [MK08a].

arbiter [Bhu87]. arbitrarily [ZV06]. Arbitrary [ERL90, KA97, SS95, ZZY96, Ara90, BCF14, SGE91, Wag89, FII04].

arbitration [ASD09, HRG+11, KSO3]. Arc [CA95b, Ros89]. architecting [CCC+04]. Architectural [DZDZ01, GSP02, HPT+97, KC99a, MT96, MG93, TGPUC16, WSS93, FZC+05, JBY+05, NTK17].
Architecture-based [CTCX08].

Architectures [AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBoCD00, DUSH94, DMSH90, DS02, DT01, DRSB01, DT92, EP90, EL97, FTM+14, FPS12, FY97, GGB93, KS95, KM97, KG94, LB90, LC90b, LR93, LR94, MSd+95, PP96, PA94, PD92, SH90, SS94a, TG99, ZMPE00, ZL93, AA14, AP03, ABC+09a, ABC+09b, AG12, BKC+15, BS87, CCK88, Che86, CGC16, CkLCKK04, CkLCKK05, CJ17, CPO+03, DKRCK15, DKU15, FPS11, GSWW04, GS91a, GMS+13, GMSS+11, HDCM11, HSW04, JJ12, Joh87, Joh91, KHT+14, KF90a, LM05, LS88, Lla17, LV07, MSGS+13, MP10, Pad91, PR06, PLD87, RCTG91, SLG06, SS94b, SGDSSS13, TKHG04, TRS+12, VM03, WQZ+13, WJD91, vS91, TFV+15]. Archive [FTK14, JKIE13]. Area [BCD00, CLR90, CDR12, KF95a, NR86, WEI98, ABO+17, HZY04, HLO7, JKV15, KCD08, KMF+05, LdBSB18, LMJCI11]. Area-maximizing [CDR12]. Area-Time [NR86, CLR90]. Ariadne [MM15]. Arithmetic [AK93, CL88, Dav17, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, SJ90, SL90, Tay87]. Arithmetic/Logical [AK93]. ARM [AG12]. Arnold [Ano00d]. arrangement [LI03, NAK04, Ten16]. Array [AW95, BCF97, BL90, CT93, CWW+95, ER97, GKH96, GE94, HQPT99, HCS+00, HC204, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, ML99, MJ01, MBK+92, MT97b, NVK14, OM09, RSB96, Ste95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BP05, CS10, DS04a, GP05, Lee91, Man13, MM07b, NAK04, PLD87, SI86, ST87, SCC+06, YTH07]. array-based [CS10]. Arrays [Ann94, BAGS95, BPSST96, BP02, BR95c, CGO+96, Cor93, GP93, GW99, Guo94, IPK85, KLS90, KEA95, KL94, KBG92, MM00, MD01, MT93b, MK93, MF93, MS96, RFM94, RCB93, Swa98, TBVP00, TC96, WCF94, WHT00, BBd90, Can18, CL03b, DMFCM03, Deh90, Dja04, Dja06, EL91, GMH+91, JWG14, KTB9, KTH91, KLL87, LB89, Li90, OT86, RIZ90, SSM98, Sch99b, ST89, SKK91, Ume95, WAS88, WCF14, XS11]. Art [KM92, PSC+16, WCO+09]. article [Ano96l, Ano97k, Ano00d, CS93b]. artifacts [LZ08]. Artificial [MT85, NS92, Pmu01, TVO92, KH89, VO89, VM95]. arts [NDW17, BNSP99]. ary [BV02, DP00, Lat98, PK04a, RP98, SAOKM03, SHL95, TT98, WS97b, XL95, YTH07, YD98]. ASOS8S [Ano04c]. ASAT [SEP96]. ASCEND

Assigning [CCK11]. Assignment [Cza13, HBCM99, HB97, KLZ97, SSZ10, SS93, Ste95, VWHL96, WW97, ABBD14, Bat05, BPRS04, CS10, GQZ18, GD+11, GZY14a, JTZZ11, Kim11, LZLX11, NDP13, PLY15, QGL+09, SLKK13, UAKI06, WZ91, YZX11].

Assignments [LL98, Sin87]. Assisted [HlLLY95, GM13, KO12, LVP07, MBBD13, NS12, RG06, SRT+18].

Associate [Ano16k]. Associations [GPJA10]. Associative [AA93, DM92, NSM98, Par96, PL98, TJCBI0, VR94, HDMCI1, Kri91, LL00, SR00a, SI89, YBM13]. assumption [Pen11]. assumptions [MS15].

Assurance [BK08, WLL08, XHY07]. Asymmetric [BNS00, ZR00, KNHH18, SPC+17]. asymmetry [AP91b]. Asymptotic [GM94a]. Asymptotically [Li10, Dja04]. Async [ARP18]. Asynchronism [UD96]. Asynchronous [Bah00, BSS99, BS00, CS95c, CA95b, ESMG96, KVN17, MS02, MM93, MR94a, MR94c, OY00, TP18, The02, WT92, ATDH13, BB00, CPA+11, CRC+02, DGF05, DBCF13, DB86, DPBNT12, FKK+04, GLG61, IR05, KMS10, KS13, MM04, MEMEMH17, RV13, RL03].

Asynchronous/Synchronous [OY00]. asynchrony [WCYR08]. ATAPE [PW17]. ATExpert [KW93]. ATM [WR97]. atmosphere [KVN17].


Auralization [FJ93]. Aurora [Lu01]. Authentic [GPJA10, SZMK13].

Authentication [ZBR11, CL09, LMJC11, NC09]. Author [Ano92b, Ano93b, Ano95c, 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, Ano00a, Ano00b, Ano00c, Ano00d, Ano00e, Ano00f, Ano00g, Ano00h, Ano01a, Ano01b, Ano01c, Ano01d, Ano03a, Ano03b, Ano04a, Ano10a, Ano11a, Ano12a, Ano12b, Ano12c].

Author-Title [Ano98i, Ano99b, Ano00a, Ano01a, Ano01b, Ano02a, Ano03b]. authority [ZCNY12]. auto [KKR14, KGN11]. auto-adaptation [KGN11]. auto-tuning [KKR14]. automata [EM11, GKS15, MS86, MBO11, RT18, TM10, ZBW+17]. automata-based [EM11, RT18]. Automated [NM95, NC97, CV16]. Automatic
Automatically [DR98, TG99, DSEP17]. automaton
[Cap87, LSZZ15, Pet18]. automaton-based [LSZZ15]. automorphisms
[DH91b]. automotive [RAN+17]. autonomic
[AZC13, ATZ07, CP05, LS10, RDA18, XRB12]. autonomous
[CKT11, CKMP17, WZZ+17, XCH08, ZV09a, ZWW17, OYE07]. autonomy
[LFH+03, ML89]. Availability [HJD+01, LS01, AGMS16, DB08, Fu10, HOF+09, KVA18, LKM12, PF08, PNMMA15]. Available [NK097]. Average [DF95, Li06b, MDD97, NSM98, Li06a, WWW17a, XBK07]. Average-case [Li06b, Li06a]. AVL [MD98]. avoid [DP16]. Avoidance [MJ94, BB85a, BPRS04]. Avoiding [SI13]. Award [Ros07]. awards [OY13]. Aware [ALF03, AH12, AYB+15, BM17a, BPA06, CCW14, CWP12, CKML12, EB09, EHL+15, FCW11, FGZ03, Fu10, GQZ18, HVM07, HMR15, HK05, HK04, HWL18, HV13, JAB12, JHF+17, KKK11a, KK11, KCR14, KDH08, KBC+10, LBMG15, LFS16, LR14, LDZ+14, LZI+11, LW16a, LN17, LY13, LHL14, MBBD13, MHLZ16, MYYY17, MLK+16, MMR+11, NP09, ORWT+18, OS04, OMT+17, OJP+18, RBN11, RCG18, SNMB16, SJ12, SKK14, SP13, STK11, SK05a, SZ10, TLL10, TTV+17, UM17, VMMB10, WQL14, WMY+17, XCG13, YX11, YJKD10, ZVL15, ZXY11, ZTFK16, ZWQ+16, ZVO9b, ZCO4, Sie16]. awareness [LWZZ12, LR03b, ZXGD18]. Axiom [ABLP17]. Axiom-based [ABLP17]. Azriel [Ano04r]. B [CWW+95, CY96, GM95, HS94a, Meg91, OC07, PPC04, WW96]. B&B [BMT12]. B-Spline [CWW+95, CY96, GM95, Meg91]. B-Trees [HS94a, WW96, PPC04]. back [HPSM91, KMMZ06, LKD14, WMES12]. back-end [HPSM91]. back-propagation [KMMZ06]. backbone [HWWH08]. backbones [KERUM04, XHG03]. backends [IEWK17]. Backfilling [SF05, GMVRG16]. Backplane [SH98]. backpropagation [SM08b]. backtracking [AKDMN15]. backup [AOSM04, HOVC09]. bad [Sch14]. bag [BHLT14, dSS11]. bag-of-tasks [BHLT14, dSS11]. Balance [SEP96, CCK88, ZW11, ZWY+15]. Balanced [GJP96, LT94, NFEG97, PB99, SA93, SBAM96, ASES15, BNP02, GHY10, LCW05, SB15, XYKA08, YMLP14]. Balancing [Ano97]. BEE00, Dhecy02, DMB07, DLLX97, DSW94, Efe96, FMP98, FLs+97, FMM9b, G194, GM96, HIL95, HTL99, HO94, HC97, JR92, KGV94, LK94, LVW95, MP96, NSLK99, OB98, QY94, SH92a, SHT+95, SB97, TSHH01, Wan96, WS97b, XL92, XY93, XL95, ZLP97, ZM94b, ASES11, AGMS04, BCV05, BFH09, BFM+18, BRPR06, BD04, BM08, CSWD03, CB0+09, CRC+02, Cyb89, DB11, DLW+12, DM94, EE05, Gao89, GLC14, GC05, HJ90a, HLM+90, IC05, JI05, JI11, JW89, KKS08, KC04, LTB02, LTL06, LHKL03, MPV12, Mio07, NHO+13, Nik03, PC11, PA04, RN04, SB12a, SX08, TVT+17, YJL16, YAA10, ZV06, ZV14, ZSW14, XP09, ZLC14, dG91, vS91]. Balls
Batch [LL98]. Batched [CK06, HSH10]. Batcher [NT93].
Batching [DSST95]. Bayesian [DKC14, FBRW03, NZA13, YWAT13]. be
[BNP02, HBS17, KSSK16, STKW12, BGA12]. beacons [DWX10, TDC05].
Beamforming [BL90]. Before [HCR12]. Behavior [Abr96, BDF92, BN02,
BST01, CMT93, FJ93, LZ08, BS92, CL14, JZK04, dAMFs13, RA11].
Behavior-Based [BN02]. behaviour [CMMN10].
Benchmarking [BBR13, KA99, YYLC11].
Benchmarks [WAS95, JV06, KC17]. Bends [OS97].
Bene [CI03]. benchmarking [BBR13, KA99, YYLC11].
Benchmarks [WAS95, JV06, KC17]. Bends [OS97].
Bene [CI03]. benchmarking [BBR13, KA99, YYLC11].
Benchmarks [WAS95, JV06, KC17]. Bends [OS97].
Bene [CI03]. benchmarking [BBR13, KA99, YYLC11].
AGMS16, AES11, BJ18, CCK+08, DI91, FRM15, GRR+05, HdR13, HA91, Li06a, Li06b, PCMM+17, ROE+18, TdAR18, WLCZ15, WMG13. **CASS** [FPS11]. **Cassandra** [PMMMA15]. **Categories** [Cou93]. **Causal** [CLZ02, MT97a, PRS97, RS92c, CZZY09, EDH+17, FJC04, HCR12]. **Causality** [MCS14]. **cause** [CLZ02, MT97a, PRS97, RS92c, CZZY09, EDH+17, FJC04, HCR12]. **cause** [LXW+11]. **caused** [Zha11]. **Cayley** [BS03, WLD00]. **CBIR** [BRPR06]. **CBT** [GS01b]. **CBT-FR** [GS01b]. **ccNUMA** [MTM10]. **cDNA** [TMM06]. **CEA** [LY12]. **CEFT** [JZ06]. **Celeste** [BCK09]. **Cell** [CB99, LWCC15, LTKS90, BGA12, XP10, XTN12]. **cell-centered** [LWCC15]. **Cell/BE** [BGA12]. **cells** [Lis90, ZPK+14]. **Cellular** [CS00, DL01, DKMV01, Oru87, Tan84, ZR00, ANEA13, EM11, FCG04, GKS15, LMSK18, MAM05, PSRS12, Pet18, ZBW+17]. **cellular-based** [GMXA07]. **center** [BFH+17, CGC16, FP03]. **centered** [LWCC15]. **centers** [AG12, GYAB11, MLK+16, OJP+18, RT18, TVT+17, YAK15, ZV14, ZV12]. **centrality** [JL11, SSKÇ15, WBRT13]. **centric** [KTP17, KS04, VS18, XYZW14, XCLR07]. **CFD** [BAMM05, Kal04, MS99a]. **CGM** [KP00]. **Chain** [BNP98, Lum94, ASKO16, GR08, MV05]. **chained** [BM14, CM+18]. **chained-cubic** [BM14]. **Chains** [NH93, LBMG15]. **Challenges** [NKSA17, PJ18, PSC+16, SAB+92]. **changes** [DB08]. **Channel** [AM95, BNS00, BPRS04, BKT95, CS00, DSST95, GCKM97, HP00, JK00, KKGS01, LM96, LWLD12, PA97, SSZ10, BGLA03, CCHC09, CLL09, DRT07, GDL+11, GZY14a, GZY14b, KKK11a, Kim11, ZMG+16]. **channel-based** [DRT07]. **channels** [CK06, KS03, Lec03, LSWC14]. **chaos** [DZC17]. **chaos-oriented** [DZC17]. **Characteristics** [LHVW95, BCD+15, GF89, JV06, LTD+93, LF03, SCK03, SWHB17, VM03]. **Characterization** [BF01, KS94, MR94b, RJA97, WP02, DWYB10, LJ86, SR90, WH08]. **Characterizing** [HRF+11, MS96, ZSW14]. **Chare** [SK91]. **Chasing** [YY96]. **Check** [MC17, LXX+11]. **checking** [BBBC12, CM04, CAAK13, SSS07, SCC+06, XYZW14]. **Checkpoint** [LAJC18, PT01, JLM08, MM04, NC13, PGS06, WCWO17]. **Checkpoint-Restart** [LAJC18, NC13]. **Checkpointing** [ARVZ14, FKD97, WF96, AAFV04, JLM08, LM09, MM06, MM07a, QS05]. **checkpoints** [AD10]. **Checksum** [Par92]. **CHEMAS** [XYG07]. **chemical** [CP10b, MIMAL+06, XLHT13]. **Cheng** [Anc93e]. **chessboard** [E07]. **Chief** [Pra16]. **Chinese** [XLW+18]. **Chip** [ASH+01, MT97b, DMS+16, GJ12, HCM11, HRG+11, KKI11, KHI12, KKK+11b, LNA12, LKY13, LXX14, LLI12, LY13, LLM14, LGC14, MYD+11, PMCC18, SAJ13, TCHC12, UM17, AA14, ALLM11, LK11, MEMEH17, ORWT+18, PR13, ZCF+17]. **chip-multiprocessors** [LWG14]. **Chips** [LK10]. **Choice** [SB02, BL05]. **Choices** [FR96a, BBFN12]. **Cholesky** [GLW14, MVV91]. **Choosing** [HBCM99]. **Chordal** [Man97, BCH15, WT09]. **chordal-planar** [PD05]. **Cilk** [BJK+96]. **cipher** [GPX08]. **Circle** [KSB94]. **circles** [Wri91]. **Circuit** [CB99, CCR94, CS93c, GGN93, KK11, EB09, LC14a, LGCG14, YTH07].
circuit-level [LC14a]. Circuit-Partitioned [CB99]. Circuit-Switched
[CCHR94, CSG93c, GGG93, LK96, LWCG14]. Circuits
[KM97, BAH04, EB13, HBS17, LH04, LS05, LH09, OOSVG+16, TT07].
Circular [BP02, CDP95, JT88, RGU08]. circulation [Nes10, PV07]. c c i t e s
[DFL017], clairvoyant [Li06a]. CLAP [KK17]. CLAP-NET [KK17].
Class [BNP98, BSB+01, CAB94, CN93, HR00, LYL93, MA59+99, Nas94,
TL96, WN94, WLD00, EB13, FY86, LLS07, Pak89, SP90, Ume85]. Classes
[Par98, FP17, LLL06]. Classification [DSAUM99, BCM06, Bod89, COV13, CK13, DH04, LLL06].
classifier [SDG17, UGG+11]. Classifying [Luc18].
Client [GM99, HC09, ST08a, TC04]. Client-Server [GM99, HC09]. client-side
[TC04]. Clients [ALL99, GZY14a, Yan09]. clinical [KDO+13]. Clique
[FTL92, SPP09, WCH+17]. cliques [CCK04, SMT15]. Clock
[ASB97, PD92, PB95, PB90]. Clock-Regulated [PD92]. Clocks
[DKMV01, YH97, AKD06]. Cloning [DDD98, RMHR17].
Cloud [CDJL09, CDJL11, FEH+14, PR13, VS18, ASKO16, AZC13, AM12a, ACCP12,
BYH+17, CL14, CXY14, CTKA17, DKRC+15, FRM15, FMIF18, GQZ18,
GYAB11, HRM17, JAB12, KVA18, KSSK16, LWZZ12, LQM+12, MHLZ16,
MYYY17, MXSL12, MMK+11, RT18, SWW+17, TLW18, TKX+13, WCCH18,
XLC+18, XRB12, XSYG18, YYLC11, ZV14, ZLL14, ZHT16, ZLB+18].
Cloud-based [WCCH18]. Cloud-centric [VS18]. cloud-oriented[WCCH18].
Clouds [ACPT15, ACB+15, CKMP17, KM17, KKLJ14, LTWW12, NC13, NKK16, ZG13, ZVL15]. Cluster
[CDJL09, CDJL11, FEH+14, PR13, VS18, ASKO16, AZC13, AM12a, ACCP12,
BYH+17, CL14, CXY14, CTKA17, DKRC+15, FRM15, FMIF18, GQZ18,
GYAB11, HRM17, JAB12, KVA18, KSSK16, LWZZ12, LQM+12, MHLZ16,
MYYY17, MXSL12, MMK+11, RT18, SWW+17, TLW18, TKX+13, WCCH18,
XLC+18, XRB12, XSYG18, YYLC11, ZV14, ZLL14, ZHT16, ZLB+18].
cloud-based [WCCH18]. Cloud-centric [VS18]. cloud-oriented[WCCH18].
Clouding [YMR93]. Closures [AW95]. cloth [GRR+05]. Cloud
[CDJL09, CDJL11, FEH+14, PR13, VS18, ASKO16, AZC13, AM12a, ACCP12,
BYH+17, CL14, CXY14, CTKA17, DKRC+15, FRM15, FMIF18, GQZ18,
GYAB11, HRM17, JAB12, KVA18, KSSK16, LWZZ12, LQM+12, MHLZ16,
MYYY17, MXSL12, MMK+11, RT18, SWW+17, TLW18, TKX+13, WCCH18,
XLC+18, XRB12, XSYG18, YYLC11, ZV14, ZLL14, ZHT16, ZLB+18].
Cloud-based [WCCH18]. Cloud-centric [VS18]. cloud-oriented[WCCH18].
Clouding [YMR93]. Closures [AW95]. cloth [GRR+05]. Cloud
[CDJL09, CDJL11, FEH+14, PR13, VS18, ASKO16, AZC13, AM12a, ACCP12,
BYH+17, CL14, CXY14, CTKA17, DKRC+15, FRM15, FMIF18, GQZ18,
GYAB11, HRM17, JAB12, KVA18, KSSK16, LWZZ12, LQM+12, MHLZ16,
MYYY17, MXSL12, MMK+11, RT18, SWW+17, TLW18, TKX+13, WCCH18,
XLC+18, XRB12, XSYG18, YYLC11, ZV14, ZLL14, ZHT16, ZLB+18].
Cluster [AFT+00, BAH04, GS01a, HS00, JM00, JK15, LS01, MKC01, PT01,
ARM+05, BMARW07, CDS10, FW05, FLCB10, GRR13, HW03, IEWK17,
JGMY17, LAK10, LML+10, LÜ14, LZC11, LB17, MAR05, MSJ05, MBH+08,
NPD13, NVK+11, OC07, PKW+10, PPR05, PVM06, RL14, SAOKZ05a,
SAOKZ05b, SBC12b, SHL+13, SMH+14, TC04, VM03, WBL16, ZBF05].
cluster-based [SAOKZ05a, SAOKZ05b]. cluster-based
[FLCB10, HW03, LÜ14, MBH+08, PVM06]. Cluster-to-cluster [JK15].
Clustered [CP99, MF94, GZY14b, HRC09, Lop18, NS12, SFT+13, Wan06].
Clustering [ASM09, GY92, HJ07, TZ07, TM10, WSS+03, WT00,
ASKT213, AYB+15, BM16, BM17b, BF13, CDDL10, CLC+17, DBCF13,
DM10, GYP13, GWH06, KKH17, LK15, LLW07, MCC04, RIZ90, SAL10,
SX08, TLW18, WMW09, YBX+13, YÖ11, YWW12, ZMP11].
clustering-based [MCC04]. Clusters
[AY197, BJ99, BP01, BDH+97, Dek00, KMKD97, KR98, LC97, PN97a, PN97b,
WB96, Wei02, ARP18, BF05, BJS03, DCA+15, EMD05, Fu10, GJAO8,
GYY+14, HV13, JMJ14, KKH17, KLY05, KCR14, ME04, MMV11, PY08,
PY09c, QJ05, QPS05, SS11, SM04, TC03, VBDRC13, WQL14, WLL06,
W17, W1W09, YH07, YJKD10, ZB09, ZMCP11, ZO8, ZHL12]. CM
[BSM90, LAD+96, PTC+93, Sab94, SF91]. CM-2 [BSM90, SF91]. CM-5
[LAD+96, PTC+93]. CMOS [KRM14]. CMPs
[AFR13, APTA18, DKR909, FLR+11, OOSVG+16]. CMV
[WDDK99]. Co [AHA+16, KN18, RBG17, BBH+17, HVW16, HD10, NVK+11, OJP+18, ASST05], co-allocation [NVK+11]. Co-Design
[BBG17, BBH+17], co-evolutionary [HD10], co-location [OJP+18], co-optimization [HVW16]. Co-optimizing [AHA+16]. Co-processing
[Kn18]. coalition [YTS+15]. Coarse [BR96, BM04b, CDRC99, DFRC1999, HK96, NS97, SR97a, SR97b, TF01, CT94]. Coarse-Grained
[Bec96, FK89, JH94, NS97, RNSB96, BCM87, Gao89, LS06, SY04].
code-based [LS06]. Codes
[BVBR02, Lat98, AM13, CP10a, GRR+05, HR90, LWR+03]. coding
[DFHH13, ZY12]. CODISC [MA11]. Coevolutionary
[Ser97, ADDB18]. Cogenerator [KSP+92]. cognitive [FCZ+12, GDCC18, MKC+09].
cognizant [LK13]. Cographs [LO94, LO91]. Coherence
[ABP92, CKL99, DS95a, DS95b, GS96, HP97a, HF96, KS95, LY98, LY01, PL95, SAI95, SD99, APRA18, CDAN14, CRD12, FGP05, GVA+08, MP17a].
Coherence-Miss [SDS99]. Coherency [TJ92]. Coherent [PY96, SYU07].
cohort [AKBD10], coin [AAP10]. Coincident [ZLPP01]. Cointegration
[THN+93]. Coir [SG96]. collaboration [ABCM07, LR14]. Collaborative
[CH06b, MA11, WW07, CJDC10, DBL+12, FM07, GCS06, LLW17, NKK16, RJKL11, Wan06, XQ04]. Collaborapa [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
[LDZ+17, YB95, JBS14, SK05b]. collision-free [JBS14]. Collision-tolerant
[LDZ+17]. collusin [AFR+11]. Colony
[CGN+13, CLA+18, DDGK13, RL02, Sk16, CCK11], color [Ebn04].
Coloring [LSH96, BGM+08, DJT03, GDP08, GK10, HLM+90, KJD03].
Colorings [GJP96, Ros89]. colouring [SS03]. column [Mat06]. COMA
[CKL99]. combination [DKC14, YFBY17]. Combinations [Kap93].
Combinatorial
[Ben15, Kap93, KA89, ZG13, CMM13, CCLS94, Men18, PPSV15, WMG13]. Combine [BLPV95, Van94]. Combined [GDCC18, OY00, CF88, VAS+13]
Combining [AAC10, CMM13, LKK94, LK98, LC96, SZ00a, SR16, UBES10, WMY+17, WRR9, GWWL94, HDJ08, TY90a]. Comments
[Cha94, GRV08, Pan09]. Commercial [DZD01, MKC01, NK+97].
commit [mYA91]. Committee [Ano93a, BDP16]. Commodity
[PVPM06, MC03, ZB09, ZXB14]. Common [MS99b, ALH+09, MS88, FII04].
common-bus [MS88]. communicating [BFTV87, DRR13, SMM+06]. Communication
[BPR99, BKT95, BCR96, CW00, CCRS92, CGL+95, CS95c, DUSH94, DS95b, ESMS96, Fah96, FM99a, FPS11, FKT96, FGK197, FA95, FAM96, Fra92, GRV97, GBES93, GM94a, GKH98, GPS96, HQPT99,
HH01, HP95, HS93, HA92, IM94, ITT04, Joh87, KL01b, KLS90, KS00, KS02, LHS97, LZ02, LR03a, LO96, LWP02, Mck94, MRRV98, MLK+16, MSST99, PP96, PB99, QH96, RF5+12, RKW95, RS92c, RU99, RM97, SC99, SS99, SOG94, SSK96, SH96, TF92, TSHH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, AFA13, ARP18, ALTV13, AM12a, BM17b, BFTV87, BCM87, BBR13, BOS91, BRP03, CCS06, CNS03, CHC05, DB11, DKUC15, DW04, Ede91, EDH17, FW05, GPT06a, GM13, GP05, HK05, IB04, JJ12, JZZ+17, KYL05, KSG03, Lai86, LAK10, Lo92, Lum90, LM09.

communication
[LWCG14, LLW12, dAMFs13, MAM05, MCM+11, MPG17b, NRM+09, PB90, REK10a, REK10b, SS89, SPBR91, SAL10, SRI14, SLKK12, Sta04, SW90, SZB16, SGGZ13, TW15, YCH+10, YQTV12, ZBF05, ZV09b, FPS12].


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

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

Communicator [KF90b]. community [CTC+10, Trä09, ZLL14].

community-based [ZLL14].

Compact [CDF01, CJ99a, CJY04, CI03, NCTT09, NKV14]. Compact-Port [CDF01].

Compaction [BHR91, Kar95, WD94]. Comparative [AAD02, GS00, QM01, HA91, PL03b]. Comparing [GGW96, YL98].

Comparison [BSB+01, DRSB01, Fre96, JNW96, KA08, KA99, OP98, SSOB02, SAC+98, Tay02, AFM03, AG12, FGZ03, GHC+17, JKIE13, MP10, NSK17, SMB10, SS94b, ZTFK16]. Comparisons [YBM13]. compass [AKBD10, XKM9N4]. compass-free [AKBD10]. compatible [MP08].

compensation [Yan09]. Competition [eW95, TR89, WSLC11].

Competition-Based [eW95, TR89]. Competitive [DLLX97, GS96, SBS97, SHC14, LHHH11, VM95]. Competitive-Update [GS96]. competitiveness [GK15]. Compilation [BCR96, CA96, HHKT96, PA96, PAG+18, WQZ+13]. Compile [Fah96, HA92, LPW97, PM96]. Compile-Time [Fah96, HA92, LPW97, PM96]. compiled [KYL05]. Compiler [ABDS02, BW95a, CGSV93, HKT94, KRC00, LY98, LY01, NS12, RJY96, SDS99, SD00, Tse90, VV90, WB94, DK04, RG06, Sab94].

Compiler-assisted [NS12]. Compiler-Controlled [SDS99].

Compiler-Directed [LY98, LY01, RJY96]. Compiler-Optimized [ABDS02]. Compiling [BS90, BCF+94, DRR96, GKH96, KHS96, SSHC00, SB93, DeG88, LC91a].

Complement [YAS98]. complementary [ZPK+14]. Complete [BP02, Efe96, HKMU98, HM01, SP96, SHL95, TTB98, Wag94, ZW00, LFZ+17, MPZ09]. completely [SPC+17]. completion [KSG03]. Complex
Complexity
[BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gon98, JBL02, Tay02, AEF11, BPW05, CH06a, DUW86, FWM+10, SS88, Sol13, THSS87, WG08, XL11].

complexity-effective [FWM+10].

Compliance [AM06].

Component [AHG12].

Component-based [AHG12].

Composing [BA96].

Computation [HL98, Tay02, CJ17, WMY+17].

Computation-intensive [CA95a].

Computers [Alu97, ADM+94, AB93, BS90, BR95c, yCM98, CCC92, Chi92, CY96, CJ99b, Fer93, KLO1a, KGV94, HR89, HR90, Irw88, JW90, KK86, LMB+17, LB17, LV88, MP08, PSC+16, SAB+92, Vl89, WJD91, PR13].

Computing [AW95, AL99, AM97b, ANT02, Ano97k, Ano01e, Bai94, BD00, BS+01, BDH+97, BNSP99, BS09, BS11, CA94, CEF+95, CDJL09, CDJL11, CP99, Deh90, DAYA02, DBP94, Emel3, ELS94, ES97, FFK97,
computing [CMMT13, CCS06, CSW08, CTKA17, CVJ09, CDR12, DK08, DDG+17, DF12, DÖ06, EFG+14, ES12, FPF14, FKR+17, FP17, Fu10, FX10, GQZ18, GMSS+11, GWWL94, GAC+17, HES10, Han89, mH14, IB04, JHL+18, JdSJC+15, KHW13, KDO+13, KS08, KVHS07, KY10, KCR14, KL05, KBD05, KC04, KMS+06, LTL06, Las12, Las13, LCC+05, Li05, LZY11, LS10, LY08, LML+10, LPX05b, LR05, Luk85, LL07, MYYY17, ME04, MCT06, MZC18, MMS09, MMK+11, MSJ05, MKN14, MC03, NXXK17, NDW17, NAK04, NRM+09, Oza04, PLD14, RBN11, Raj04, Ren11, RRS+08, SJ12, SS+16, SAOKZ05a, SAOKZ05b, Sch14, SFT+13, SCS+08, SAB+92, Sie16, SFEF06, SLZ10, SB04, ST08a, TZ07, TZI11, TLL10, TLLV10, TFMS15, TRS06, TXLL14, UAK06, VD04, WS06, WQ01, XQ04, XHT13, YLL17, YWJ+18, YC04, YLZ18, YBM13, ZAB18, ZLL14].

Concentrate [LW95]. Concentration [JL05]. Concept [DFLO17]. Concepts [TAS+01, MAGL13, NKS17, ZZ90]. Concerning [IPK85]. Concurrency [Ahu90, ADD17, KCV99, LZY09, MS96, NMS93, RM90, SRI14, UBES10].

Concurrent [Ay93, ACHY18, CMM92, CMN12, DBLB+12, FPD93, IM94, Jol94, MM04, RSD94, RS92d, WCF94, WW96, WG93, WT92, BE13, CTS17, Chi95, CMT92, DB08, FJSW90, GV86, KME89, Par89, SW18, ST05, TK07, Chi95].

Condition [SJ96]. Conditional [CSS11, CW09, ERA95, RLS96].

Conditions [DJ98, HM96, MI92, Ste17]. Condor [HS97]. Condors [BZH06].

confidentiality [ZHT16]. configurable [ZMZ17]. configuration [BL05, FVCL05, LB17, NP09, VAS+13, WZ13, WLST16]. Configurations [LK14]. configured [ZV06]. Conflict [BP02, CH92, DP00, DFP06a, HV09]. Conflict-Free [BP02, CH92, DP00, DFP06a, HV09]. Conformance [CY95].

Congestion [BDF01, AA10, BM11, ESGQ+14, ESGQ+18, XWC+08, YJKD10].

Conjugate [Bas97, McA89, GLW14, LR14]. Connected [Ann94, ADM+94, BJ96, BCHK95, yCM98, CCC92, CWW+95, CT94, CY96, CDP95, DVZ96, Fer93, HHM94, KRKS11, LH92, MD01, Moh96, SR94, Tze93, Zhu92, ZYO02, dBL95, BB85b, BBd90, BJ18, Car90, DWA6, GP07, HJ07, HSW04, HR89, HR90, JT88, JPD17, JL05, KO12, KT91, KF90a, LC90a, LC91b, Li06b, LV88, MHP05, PB90, Raj04, SI86, ST06, SSM89, SC91a,
TR08, YME06, YSS11, YWW12, ZAAB17, HWW96]. Connecting [FT94].
Connection [AyJ93, GHKS98, ML89, LXLS12, TT07, YSL08, CM93, CRFS94, EHS94, LAD+96, LTD+93, Sab94]. connection-based [TT07].
connection-level [YSL08]. Connectionist [MBK+92, TR89]. Connections [Goe94, TC03]. Connectivity [Wil92, ASM09, BCMV15, DH91a, OMSGNSG05, SK89a, Ten16]. Conquer [CTZ99, AY89, BW09, GDL+11, Sto87, TP18]. conscious [GYAB11, OC07].
consensus [AAI+15, ISM07, MR09, WTC08a, WTC08b, WWW17a, LWCY08, XBK07, DS04b]. consequences [YBM13]. Conservation [FLS+97, XS11]. Conservative [LA93, BD04]. Considerations [Ger98, VWH96]. considering [MLMSMG12]. Consistency [Bir94, CA95b, GAC+92, SS08, Fei03, HC09, Kuh17, LC11, RHH12, WDDK09, X005]. Consistency-driven [SS08]. Consistent [KCDZ95, HK08, JLM08, LFA05].
consolidation [RT18], constancy [Ebn04]. Constant [BGOS95, BPP05, BTK98, COS+95, DS01, KBG92, RO92, TVS97].
Constant-Time [BGOS95, COS+95, DS01]. Constrained [AZ01, BSE96, BSH15, MMV97, RL95, BKS05, CHX+17, HP06, JHF+17, JZZ+17, KSI04, KSK+15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZV09b, ZWWX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11].
Constraints [BA96, KB96b, LTWY95, van96, AP91a, AY89, ACU08, DUW86, FVLB09, Li06b, SZB16, SSM+07, VRM10, WMY+17, WHS+18, YA11]. Construct [BW96]. Constructing [CC06, CS06a, Hai05, HS12, HS94b, Lai15, YWW12, BBL04, DW06, GC07, LMZ04, LH04, OMSGNSG05, WC91, WJ12, YSS11, YZLT09]. Construction [BCH95b, DM95, DFN+94, DJM94, BFG+03, CFJW13, JPD17, JM14, Lai14, Lai17, LT07, LS05, OOSGVG+16, SB12, WIB12].
Constructs [FA95, HV95, HV09]. constructor [tH90]. Constructs [Ano92a, KME92].
contemporary [VM03]. contended [AFA13]. Content [Li99, SLW10, Win85, Bar05, Fei03, FM07, KTP17, KRM14, NKK16, SZ09, ST12, SCK03, SK11, ZW13]. Content-Addressable [Win85].
content-based [ST12, SK11, ZW13]. Contention [BCD00, FCW11, LKK04, ST11, AEY12, FA07, HHS12, JW89, KH12, LW16a, NSTX91, Nik03, SW18, Zah12]. Contention-aware [FCW11, STK11, LW16a]. contention-free [KH12]. Contents [PSGS17]. Context [AHG12, Cout93, Ano04d, BPA06, IB04, ORWT+18, YK04, Sie16]. context-aware [BPA06, ORWT+18, Sie16]. context-sensitive [Ano04d, YK04]. contexts [KHT+14]. contextual [Ana14]. continued [Ano18l, Ano18m, Ano18n]. Continuous [JHPL13, NH93, Luc18, MCdS+06, TCS+10, dGP06]. continuously
[AKSM08]. Continuum [MP96]. contraction [LGK+12, SMH+14].
Contractions [BBN93, IEWK17, Ros89]. contributions [RGU08]. Control
[AGW98, AGW01, BJ91, BMM+02, BCLR96, BCD00, BDF01, DSST95,
ESA03, FR96a, FT94, KSP92, LM96, MS96, Nie94, OS93, SG96, THBF97,
WLD92, AA90, AAA+10, BCO+12, BWP+11, BMF05, BJ18, CF88,
CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOHG17, HCZ04,
JTLZ+11, KNS91, Kim11, KGN11, LL90, LZCY09, LCW05, LW912, LL12a,
MLZY17, MG09, MBO11, MCZ14, RCG+11, RKK06, SRI14, TG04, WRW13,
WJD91, WHS+18, YXD906, XLW+18, XWC+08, YBM13, YJKD10,
ZMZZ17, ZBW+17]. Control-Memory [BCLR96]. controllable [ZHT16].
Controlled [CGSV93, Li99, MG91, SDS99, SD00]. controls [YSL08].
convection [CEGS07]. convergecast [KK06, PLY15]. Convergence
[MG91, SDS99, SD00]. convolver [Kep03]. cool [LFS16]. Cooled
[SWHB17]. cooling [MK+16, SWHB17]. cooperation [YQT12]. Cooperative
[BW95b, LT912, SLD18, DDG+17, FC14, LP97, Wu02, DDN90, GS03a,
RBD08]. Convex [CCC+14, LWR+03, MSAF04, RS904, wXH00]. CORDIC
[CL88, HBH93]. Core [BCR96, PL94, AFA13, APRA18, AA16, AR17, ABLP17,
BBBC12, BLMB13, CMTM13, CCK+13, DWYB10, GZG+17, GKS15, Hus17,
JHF+17, KSG+13, KBB+06, KR11, LK14, LNAL17, LSC+17, LHT08, LSL+16,
MBBD13, MZC18, MAHKZ12, MGRRK14, PCMM+17, PGP+12, PTK+13,
PR13, RLA+16, RLA+17, Ra+004, SNM16, SFT+13, SCB09, Sol13, SAJ13,
Trä09, TCH12, WJ107, WQZ+13, WH7, XNB14, Zha11]. core-based
[LHT08]. core-periphery [AP17]. Cored [GS01b]. Cored-Based
(GS01b). cores [CVK+13, LNC13, LTG14, TGPJ16, ZLS17]. Correct
[LF95]. Correcting [BA01b]. Correction [Lat98, LSH+13]. Correctness
[BCC95, GG94, KS94]. corrector [GGR89]. correlations [FX10, WZQ+13].
corresponding [BS03]. Corrigendum
[LSZ+11a, MSAZ10a, REK10a, WTC98a]. corrupted [DP16, XSY18].
cortical [NFH13]. Coscheduled [KCD08]. Coscheduling
[ABM+92, NSB09]. Coset [ORU7]. cosmology [LTL06]. Cost
[A01, AN02, BC01, DT97, FM99a, GPS96, HCS+00, JH92a, JLRA97,
KERO1, L096, NIE07, PP96, QM01, SC95, WC91, WEI02, AP91c, AM12a,
AD12, BJS03, CL09, DKUC15, ESGQ+11, GJX05, HS12, JLWX11, KSK15,
LMZ04, Li17, MSM09, MP15, SSM+07, Yan09, YGZ+10, YYYC17, ZJ06].

cost-performance [BSJ03]. Costs [Fah96, WF90, PB90]. coterie [SGR03].


Counting [MP116]. Counting [SEF06]. Counting [AP16, KS00, SS96, WW98, WW04]. Coupled [AjHeC90, BBB+06, BMF05, FPM+14, IEWK17, SMH+14, SA90].

coupled-cluster [SMH+14]. Coupling [GT02, YWD08]. course [Bog17, LB17, PSGS17]. courses [Kum17].

Coverability [SP90]. Coverage [Amm16, DGBN14, GM14a, HWC08, PCX+11, PCX+14, REZN17, WMW09, ZC04]. coverage-oriented [ZC04]. covering [KCR14, ST12].

CPU-GPU [DV13]. CPU/GPU [LR14]. CR [LACJ18]. crash [BG95, DDG+17, DGDF10, ISM07, MFVP08, MR09].

Crash-prone [DDG+17, MFVP08]. crash-recovery [BG95]. Cray [CD84, SI91, YQT12].

Cray-2 [SI91]. CRCW [GM94b]. create [AM07, MMAL+06]. Creating [DHS06]. Creation [Ric98].

CREW [OOW95]. Criteria [BSS99, CCR94, LL07, ZWX16]. Criterion [SS93]. Critical [BLG01, LC14a, Seb95, GST09, TYH09].

Cross [IEWK17, SJS11, CI03, KPR88, LST+13, WCL+13, YFBY17]. cross-architecture [YFBY17]. cross-layer [WCL+13]. Cross-scale [IEWK17].

Crossbar [CP01, KJ84, OK01, PD92, KK17, LW99, McA97, Wil90, ZPK+14].

crossed [FG09, CFJW13]. crossing [HSS07, JD12]. Crosstalk [Qia97].

cyptographic [ABO+17]. CSA [Ebe94]. CSD [KHT+14]. Cube [BCH95b, JH94, MS85, RP98, Tze93, AP91b, JT88, JL05, KF90a, PK04a, ST06, LH05].

cube-connected [BCH95b, Tze93, JT88, JL05, KF90a, ST06]. Cubes [HJ90c, HTH102, HK92b, La98, XL95, BVB02, CW09, CFJW13, FLPJ07, LFZ+17, SAOKM03, WSJ12, WS97b, XHZ16, YTH09, YD98].

Cubic [CP98, BM14, MP88, YME06]. cuckoo [CSW+17]. CUDA [BCH95b, Tze93, JH94, MS85, RP98, Tze93, AP91b, JT88, JL05, KF90a, PK04a, ST06, LH05].

Cuts [DRSB01, KLLK98, CRD17]. Cuts [DRSB01, KLLK98]. cut-sets [LDZ+14]. Cutsets [DH94].

Cyber [HMRM17, QGB+17, CSW+17, DZG17, GQZ18, JWH+17, LLWC17]. cyber-enabled [GQZ18]. Cyber-Physical [QGB+17, HMRM17, CSW+17, JWH+17, LLWC17].

Cycle [Ano00d, KK95, LS97, Ros99, HDT+05]. cycle-accurate [HDT+05]. Cycle-Stealing [Ano00d, Ros99].}

Cycles [BCH95b, Tze93, Wan01a, dBL95, HBAD15, JT88, JL05, JD12, KF90a,
LdSB^+18, PK04b, ST06]. Cycletrees [VB96]. Cyclic
[OP96, PT97, SSG93, BD05, HS03, PK05a, Sch87, ST87, SPH13, LY12].
cyclic-by-rows [ST87]. Cylindrical [WN94].

D [AA14, Ano92a, Ano93e, BAES92, CS93b, GOH+13, SS94b, AA16, AR97,
BLPV95, BFG94, BDR14, BAL05, BC94, CW00, CS92, DSAUM99, GW99,
HHKT96, HKT94, KRKS11, LXXS12, LME95, MKY+97, MP17b, NM17,
OGRV+12, PYP+10, PEC95, Wan07, WS95, Wu95, YA11, YB01, ZLS17,
Daemon [KY02]. DAG [CJ99a, CJY04, DQR+09, XLHT13, ZS13]. Dags
[BCLR96, BSS+13, CDR12]. daisy [GRV08, MVB05]. Dandelion [CP10a].
Dandelion-like [CP10a]. DARPA [WRHR91]. Data
[AOS+05, AL04, AAL95, ALS91, AS13, AS15, Ano96j, Ano00d, ADM+94,
BVB02, BCD05, Bal90, BBB+96, BHS+94, BR95c, BR02, BS09, BS11,
CGN+13, CDY97, CK08, CGL+95, CP92, CHR94, CRFS94, DOP98, DRC90,
DSAUM99, DRST02, DHR96, DSD+97, DSS95, Fahl96, FMP98, FK97,
FMW+94, GGG94, GP93, GC01, GDN+98, GS96, Gup92, HK01, HJD+01,
ISZBM99, JW94, JS6, JB93, KR97, KLS90, KRS01, SCA93, LZ02,
LAS+97, LY98, LO1, LO96, LL95, LSWC14, Lu01, MD13, MS85, MRR98,
MK92, MK93, MN95, MNM98, NBP98, Nic94, OK02, OP98, Ozt11,
PH96, PH91, PL98, PT97, QZ94, QH96, RSW90, Ros99, RW93, S99,
SM94, SG99, SR97a, SR97b, SAC+98, SSHC00, SHT+95, SS94a, SSYG97,
SIR92, Ste95, SC91b, Str12, SV00, SFC17, SG96, TSC01]. Data
[TR96, BG90b, VBM90, WB94, WNA+94, WP94, WS93, Wei02, WS97a,
XMM017, ZMCP11, ZTFK16, ZRC99, AAA+15, ASB18, Anm16, AH12,
AGWY11, ACPT15, Ara90, AG12, AYB+15, AEY12, ARDQ18, BFH+17,
BCO+12, BH9, BR91b, BEN12, CK06, CF88, CMR+18, CK07, CCG16,
CLC+17, CW15, CL09, CZ00, CTT08, Cuz11, Cuz13, DF17,
DTK11a, EDA94, EDO05, FCW11, FRM15, FP03, Gao89, GYAB11, GE85,
GS91a, GJ08, GLGLBG12, GM14b, GBA08, GB11, HMO0, LHSL03,
HSM91, HP06, HA05, JLY12, JBS14, JHPL13, JHL+98, JZ05, JW+17,
Jdsj+C15, JKV15, KKKG14, KA08, KHK03, KAS07, KCR14, KSB11, KL05,
KKT13, LHF91, LWZ9, LC91a, LC11, LY12, LLWC17, LWW7, LS15,
Lun04, LA04, LGK+12, LS15, MCD+06, ME04, MLK+16, MP08,
NLB+18, NS90, NCT+07, NCA+12, NCB+17, NAB+11, NKK16]. data
[NAK04, NTC03, OWK14, OM10, OJP+18, Pad91, PSS05, PS14, PRL07,
P9a96, RBN11, RT18, RB12, Ren11, RMU14, RBA+18, RAN+17, RJKL11,
SS08, SC04, SCMH13, SM08a, SK05a, SD88a, SWW+17, SR91, ST08a, TR89,
TBLA07, TZH+06, TK07, TVT+17, TLW18, VMB10, VB08, VRM10,
WCWO17, WSH+03, WT09, WZ+17, WWW17, WCH+17, WL05, WG11,
XHZ+10, XSYG18, YB+13, YAK15, ZV14, ZV12, ZWW17, ZSCX18,
ZHT16, ACB+15, LSZ15, PJ18, RAB08, WLL08]. data- [KAS07].
data-/compute-intensive [KAS07]. Data-aware
[ZTFK16, AYB+15, VMM10]. data-center [FP03]. Data-Driven
Dellat [THGY15]. Delta [ASB18, KJ84, YL89]. Demand [DSST95, HLL^+95, JSCB95, BSW07, FVLB09, HZDP12, KyLPC17, LSZZ15, NKK16, SFEF06, WL05, XG03, YYLC11].

Dense [DVW94, FHL^+15, ICQO^+12, LKD14, RM10].

dependencies [DHK04].

dendritic [WCKD06].

Denial [BK18, KMMZ06]. Denial-of-Service [BK18, KMMZ06].

Dense [DVW94, FHL^+15, ICQO^+12, LKD14, RM10].

Depth [BP89, LH04, PV07, YWJ^+18].

Depth-first [PV07].

deques [ST08b].

Derivatives [PK04a].

describe [JWH^+17].

description [MRS^+14].

Descriptor [Bal90].

descriptors [LNW^+12].

Design [AFA13, AM17, AC16, Ano92c, BAHP01, BCD00, CGKK97, Car95, CCC90, CT93, CAB94, CW93, CTKA17, CKK^+13, DBKF90, DWV94, ES96, EMP^+96, FC90, FR96a, Fer92, GRV08, GFB^+92, Ger98, GRS97, GSP02, HP97b, JH92a, JZZ^+17, LL90, Lee91, LH92, LL93, LKY13, MKC01, MP10, MV05, MG09, MML07, NM93, NJ91, Nie94, NaPP02, OS93, PA01, P90, PMCC18, RCB93, RBG17, RP93, RKK07, SAOKZ05a, SAOKZ05b, SRK95, So13, SHC93, SOG94, TTH12, WNA^+94, WH97, XKM94, ZPK^+14, Ada17, ABLP17, BBH^+17, BZL04, CG11, CSJ^+13, CK13, Che86, CHX^+17, Ch95, CC96, DFHH13, DE91, EFG^+14, FHL^+15, Fr90, FCG^+14, FD86, GREC91, HDT^+05, HW908, KMC16, LÜ14, Lon04, LB07, MCM^+11, Nan90, ORW^+18, OMT^+17, PLD87, RGD03, RA11, SDS10, TM06, TB90, VRG97, VH98].

designed [BSH15].

Designing [BBBC12, BC01, CB06, DH91b, GP93, GMS^+13, GB93, KT98, NS92, On87, SSBG09, TC96, YCH^+10, YFBY17, KAS07].

Designs [HCS^+00, LH95, MD01, ORu94, Bhu87, CP04b, MC17, Man13, PGRP17, Sch89b, WAS88].

Desktop [LSH^+13, CCEB03, AAD10].

Detect [XCH08, UGG^+11].

Detecting [CL14, C97, NCT^+07, SSK14, Tse95, YXX13].

Detection [Ano96l, BN02, BHR95, BOST1, CW93, CY95, CDP95, dADB96, GCKM97, GS96, HTB98, ISZBM99, KS94, K94, LLLY08, MMRS98, Part92, PAH^+98, Ram89, RP95, SL97, SJS11, WCF94, AFD^+11, AMK^+07, BX08, CRK^+09, CV90, CH06b, DKKV15, DFP06b, Er88, FM85, GDCC18, Gue86, GH98b, IC92, KHK03, Ksh12, KKTZ13, Lai86, LLLL15, LHJ05, LLWC17, LHLM14, MD07, MFV08, NHO^+13, PH16, RLP14, ST12, SMP17, TRS^+12, TY17, TCS^+10, WL11, XL11, XTN12, XSYG18, YF07].

Detections [Yen01].

detector [SLG06].

detectors [AAI^+15, BGB^+16, DGFGK05, LFA05, MFV08].

detention [JXW06].

Determinacy [BN94].

determination [MJ03].

Determining [GRR93, LAS^+97, DH91a].

Deterministic
Development [BR95b, FSD04, KHT+14, PH00, AM17, DBC03]. deviation
[XBK07]. Device [DM90a, 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, KF95b, RFM94, Wan01b, eW95, FZ90, VS18, Yan04].
diagonal [PRH06]. Diagram [RR95b]. diagrams [SZ03]. Diameter
[DF95, LP95, RS96b, RLS96, WIK97, BBL04, CW09, SLLW05].
Diameters [Als01]. DICE [CKL99]. Dictionaries [MD98]. dictionary
[GA90]. difference [HT90, SS11]. Differences [LDCZ97]. Different
[GAG+92, PD92, Bhu87, GPT06b, LCC16, MM06, She06].
differential [GGR89, WRW13]. differentiated [AM07]. differentiation
[MCZ14, ZI08]. Diffraacting [DLS00, HPT07]. Diffusion
[DM17, SKK97, BFH09, CEGS07, HES11, MMS09, RN04, ZGXG18, Zsa16].
diffusion-based [MMS09]. diffusion-drift [HES11]. diffusion-limited
[Zsa16]. diffusion-type [BFH09]. Digit [BOI91]. Digital
[ZRC99, NAK04, PR06]. Digitized [HHM94, Ara90]. Digraphs
[BBM01, TZ00, BP89]. Dilated [Iqb92, Qia97]. Dilation
[CCCM96, LST17]. Dilation- [CCCM96]. Dimension
[CFJW13, HSW04, RS96a, WS97b, XL92, XL95]. Dimension-adjacent
[CFJW13]. Dimension-exchange [HSW04]. Dimensional
[AKPT99, CCCM96, DFN+94, FLS+97, Hwa97, KR98, LHS97, LP96b, LP95,
NEG85, TC96, VB94, YCY+00, ANEA13, AB05, DMF03, Dkt90,
DTK11b, FC04, GSS03, GB11, HT90, HS17, KVHSO7, KLC05, KKN13,
KN18, LSC00, LC91b, LZY11, LJS16, NBP98, NAK04, PTA08, PK07,
SG03, WRW13]. dimensionality [BV13]. dining [AFNT17]. DINO
[RMHR17, RSW91]. Direct
[FLC14, GY94, LLCC02, SWHB17, TF01, ACFK07, ACU08, PPTV+10].
Directed [GY92, LSC00, LY98, LY01, RY96, BD05, MTM10, TDP15,
WCWH03, WW03]. Direction [BEN12, BC94, Ebe94, MSA10a, MSA10b].
Direction-based [BEN12, MSA10a, MSA10b]. directional [CCHC09].
[MM15]. Directory [GS00, JSM94, RFGP08, SB15, VRG17]. disaster
[SZB16]. disasters [FP03]. Disciplines [MSd+95]. disconnected
[LR03a, MCS14]. Discovery
[CHG01, AOS+05, FZ14, KOA09, KKS09, MKC+09, REZ17, RSL12,
SMPML11, She09, SK11, TD05, ZAB18, ZMG+16]. Discrete
[Ano02v, AB93, BMB+02, Bw02, DMS90, Lin93b, Lin93c, LLCL98, NC97,
PR03, AZC13, CV109, CRC+02, HII16, L116, SS17, TKHG14, ZZ90, ZCK+02].
Discrete-Event [DMS90, PR03]. Discrete-Time [BBM+02].
discretization [SWLZ17]. disease [VS18, ZXGD18]. Disjoint
[BGR96, GT97, GP00, NS90, RSS99, WB01, HBAD15, KMC16, Lai14, Lai15, Lai17, Lin03, LS03, MT14, SMP17, TDM05, WFLJ16]. **Disk**

[CT93, Cor93, ER97, GP93, LP96b, MKC01, MRK93, MFS93, Raj01, RCB93, CL03b, JPD17, KR12, NC13, NZY+11, SRT+18, XS11]. **disk-assisted**

[SRT+18]. **Diskless** [PKD97]. **Disks** [KR11, MT93b, MB93, MFS96, CkLCK04, CkLCK05, OC07, RWB+13, VA07]. **dispatch** [YZS15]. **Dispersing** [Gil94]. **displays** [Tay05]. **disruptive** [SI13]. **dissemination** [AHZ11, DF17, MCdS+06, MSF+13]. **Distance** [BVB02, CW00, CDF01, DS01, DF95, NM17, ST02, DS04a, El07, Hsi04, MBR08, ST06, Tur12, WCWH03]. **distance-** [Tur12]. **Distance-Hereditary** [CDF01, Hsi04]. **Distance-Insensitive** [ST02, ST06]. **DistDLB** [LTL06]. **DistOpt** [CLRW00]. **Distrib** [LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. **Distribute** [LW95]. **Distribute-** [LW95]. **Distributed** [AAA+15, AE95, AL99, AM97a, AM97b, AMN00, AFS96, AK17, AaJS01, Alu97, AS13, AY197, Ano96j, Ano96l, Ano97], Ano99g, Ano92v, Ano02a, ABPL17, ABCP96, BR95a, BR96, BFTV87, BGLA03, BCV94, Bas97, BWP+11, BA01a, BCH95a, BAS06, BPR99, Bir94, BCD00, BCR96, Bou02, BSB+01, BHSR95, BNNS99, BS90, CS00, CG11, CTD99, CCM01, CC08, CL91a, CS93a, Cha94, Cha96, CKK00, CNS03, CC94, CK07, CDJL09, CB95, CWP98, CM92, CA95b, CLRW00, CJ99b, CP99, CWD11, Cuz11, DWG03, DY99, DA97, DUSH94, DS95b, DOP98, DMSH90, DFL017, DN94, DSW94, DSAUM99, DAYA02, DL99, DH95, dADB96, EP90, FR96a, FFK97, FTM+14, FKSW97, FPS11, FM99b, FY97, FTC00, FBDC99, GHY10, GDP08, GP07, GCKM97, GM94a, GS+11, GZY14a, Gra09, Gup92, GKH96, GHSJ96, HR00]. **Distributed** [HBCM99, Haw97, HK01, HP97b, HWLR14, HWY+10, HLJ01, JPD17, JF95, JKD+15, JSM94, JNW96, JRR99, KKGS01, KY02, KSSL16, KRC00, KS97a, KDO+13, KKH17, KHS96, Kel00, KB96a, KZ96, KCV99, KSK15, KS00, K94, KRS13, K94, KS02, KKTZ13, KC99b, Lan09, Las12, LW97, LTH97, LZ02, LC90b, LHM95, Li99, Li01, LLWC17, Lin93c, LLW07, LTH08, Lon04, LACJ18, LK11, Lu01, LS01, MJ92, Man97, MS99a, MLC+90, MT97a, Mat93, MSGS+13, MSS00, MK12, MFS96, MSST99, MK08b, NSS97, NT96, NBP98, NM02, OY13, OK01, PH96, PAM94, PA96, PB99, PSRS12, PK07, PPP+17, PRS14, PM92, RSB96, RWK95, RS92c, RDS02, RJY96, RCS00, RA96, Ros07, RP95, SISH97, SM94, Sch89a, Seb95, SRGB90, SZW05, Shu95, Sin87, Sin93, SS94a, SM08a]. **Distributed** [Sn03, Soh96, SIR92, SBAM96, TH11, TT10, The02, TSC01, TAS+01, TG97, TSFZ14, TB90, Tse95, TY95, Wan01b, WCWH03, WW98, Wee01, WRC+02, WMG01, WF96, WLID02, WUG99, Wu02, XBB07, wXH00, XQ04, Y97, YB01, ZC06, ZM94b, van96, AT03, ALH+09, AAFV04, AL04, Ahr09, AGMS04, AFM09, ACCP12, AA+15, AM11, AMK+07, AH06, BFG+03, BCV05, BMB+08, BLPA05, BCCQ13, BG98, BN92, Bar05, BB03, BCMV15, BHLT14, BRP03, BK08, BFL+13, BD04, BMW05, BH05, BG+08, BC+94, BFK04, BBL04, BJ18, CSWD03, CG12, Car95, CGL+14, CG86, CV90, CvdBL+08,
CTCX08, CS08, CKWT17, CLM90, CkLCK04, CkLCK05, CGG+09, CJA09, CI86, CTT16, CPO+03, CTT08, CK91, Cyb89, DK08, DB11, DM04, DRT07, DKM10, DHK04, DTK11a, DH04, DJT03, EBE08, ESA03, EHL+15],
distributed [ES12, FPF14, FCC07, Fer90, FL86, FKR+17, FX06, Fu10, FLC14, Gai87, GYAB11, GCS06, Gos90, GWWL94, GC05, GL12, GL90, GN15, HJ90a, Hoh90, HKW05, HD10, HL07, HHK15, ITT04, IB04, IS06, JF12, Jkie13, JLM08, JZZ+17, JZ05, Joh91, Kak15, KHW13, KUA07, KSR13, KK06, KMMZ06, KAS07, KCD08, Kim11, KKS+12, KLO5, KS13, KBD05, KP05, KC04, Lai86, LTL06, LL06, LVP08, LL90, LJ05, LY91, LZCY09, LAS15, LVR90, LC91a, LVP07, LB09, Lop13, Lop18, LA04, LCM+06, LSZJ15, Lu90, LM09, MLZY17, MD07, MM07a, MSM09, MAPF14, MHPR05, MA11, MBR08, MS86, MTS90, MM07c, MFVP08, NSAS10, NPN12, NDW17, NP09, OFS03, PKN08, PKN10, PK05b, PRHB06, PGS06, PL03a, PC11, PH16, PMdO11, Pop91, PF04, RL14, Ram89, RLH03, RAN+17],
distributed [RDA18, RKS87, SSKS11, SW12, SDTD04, SSS88, SMT15, SU87, SB15, SC04, SCS88, SCMS12, SK90, SXZ06, SCMH13, ST14, SSK91, SLKK13, SK98b, SM04, TLLV10, TG04, TBZ05, TZH+06, TXLL14, TM10, TVT+17, TWQS12, VB08, WW07, WTC08a, WTC08b, WL11, WW04, WL92, WD13, WSLC11, WZQ+13, XHY07, XQ07, YZS15, YLB+15, YZG18, YWG15, ZAB18, ZCK+02, ZV09a, ZCMY12, ZTFK16, ZWRI07, ZWL03, dG91, DLLL11].
Distributed-Memory [AMN00, CB95, CJ99b, DY99, Gup92, GKHS96, GHSJ96, KRC00, KHS96, NSS97, PHB96, RGS00, Soh96, BGM+08, CPO03, GL90, ITT04, LC91a, Pop91].
distributed-Web [KCD08].
distributing [TY90a].
Distribution [BRR01, BR02, CLZ00, DHR96, KL01a, LAS+97, LL98, MNN98, SLW10, SSG97, AS09, Fei03, FM07, GRV08, GBA08, HSW04, LLL06, LH07, Li17, MV05, NM17, PV89, SS06, WZZ+17, YJL16, ZWL03]. distributions [BKMT14, Nic07, PCX+11, PCX+14]. Distributively [VR94, FPP+08].
divergence [Tor89].
Divergent [RMHR17].
diversity [SSFP11].
Divide [AY89, CTZ99, BW09, GDL+11, Sto87, TP18]. divide-and-conquer [BW09, GDL+11, Sto87].
Divisible [VB02, BD11, CG12, CVJ09, DW04, HV13, KVA18, LML+10, MLDG12, MV05, 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, XCLZ03, ZMCP11].
document-similarity [UGG+11].
Documents [ALL99, Fei03].
doing [MBG+17].
dollar [SSM+07].
Domain [CZZ+17, KR13, KRS14, NPY+97, MRS+14, SK09, SS11].
Domain-Specific [KRS13, KRS14, MRS+14].
Domains [DR95, BMF05, dGP06].
dominance [EE05].
dominated [AM12b].
Dominating [RDL95, DW06, HJ07, JP17, WCWH03, YSS11, YWW12].
domination [GP07, GK10].
Don't [BL94].
DOOR [Won99].
DOOR/MM [Won99].
dOpenCL [KSG13].
Double [GV13, XLHT13].
Doubly [OOW95, ST08].
down [Sch89b].
DPI [HVW16].
Draw [Mil93].
Drawing
drawings [JD12]. drift [HES11]. drive [LTG14]. Driven
[CB99, CP99, FM99a, JB93, The02, TVO92, VBM90, WSS93, ASES15, BH86,
CTT16, GK04, HKH03, LWZZ12, LS10, LGK12, MBS12, NCB17, QJ05,
SS08, TLQS12, V089, XLL15, YCC05]. drives [GFPC14]. DSDV [BDF01].
DSMs [BJS03, ISZBM99, NPP+02, Nik03]. DSP [BDF01].
Duane [BS96c]. due [BKS91].
Duplex [RS94]. Duplication
[BAA7, DA97, BKE05, BD05, STK11, TLL10, WCEA10]. duplications
[SCJ+08]. during [VWHL96]. duty [LDZ17, LDZ14]. duty-cycled
[LDZ17, LDZ14]. DV [CSW17]. DV-Hop [CSW17]. DVFS
[CG11, CAVA9, LSC15, RTZ11]. DVFS-based [RTZ11]. DVS [ZHLQ12].
DVS-enabled [ZHQL12]. Dwarf [DTK11a]. Dyn [WNL06]. Dyn-MPI
[WNL06]. Dynamic [AGF94, ALL99, AAD10, ANEA13, AN97]. BR95a,
BJPPM+08, BPN90, BR02, CJ99a, CDAN14, Cyb89, DB11, DFL01, FCC07,
Fer95, FMP98, GP94, GM14b, HM01, HC97, KKGS01, KR10a, KVA18,
KPC96, KC99a, KS97a, LHKL03, LPS+98, LL98, MAS+99, MD13, MSD+95,
MSSE02, Moh97, MMN98, NPP+02, NY+97, OOSGVC+16, PHB96,
QMCL94, RDS02, Ric98, RGV00, RN04, San95, SSM+17, SZ00a, SLP+98,
SSB98, SB97, SS17, SG96, TT10, TDP15, WCE97, WJ91, WLID02, XH93,
ZLP97, ZA05, ZM94b, Ano04d, BCS05, BB05, BCC01, BGLA03, BNP02,
BB03, BCF14, BK08, CBD+09, CSMML10, CW05, CGG+09, CDCD05,
CKML12, CWD11, DLW+12, EE05, Ei03, FXW03, FKLB08, GOÖ16,
GCS06, GFPC14, GB08, IC05, JBA15, KZ11, KMS07, KMS+06, LTB02,
LGZ+10, LLLY08, LC91b, LPX05a, Li10, LLY15, LS06, LLL12]. dynamic
[MYYY17, MC91, MK08a, MSL14, Mii07, MLM07, NDD13, NLB+18,
NCT+07, NH+13, PKN08, PKN10, PM05, PSSP05, PW17, QJ05, RCG18,
SNMB16, SSL+16, SS06, SST07, SZD07, SCK03, SLG06, SSDIB+10, SZB16,
TZ07, TW15, TH08, TMK+17, TTO7, WW12, XLC+18, YK04, YS11,
ZXY011]. dynamic-warp [NH+13]. Dynamically [JB98, KSS+07,
PP14, DSR00, BS45, GK15, Kep03, Liu86, Mat06, ORWT+18]. Dynamics
[ES96, JBL02, NPP+97, PAH+98, TSS07, AGM06, CvdB+08, DAG+17,
GBMZ07, LLY08, PARB14, PTK+13, WYTX13].

e-infrastructure [HPB+10]. E-ODMRP [OPG08]. e-payments [CSS11].
E-R [BG90a]. Early [GRJ+15, AMT13]. early-stopping [AMT13].
earthquake [KME09]. EB [SM92b]. EB-Equivalence [SM92b]. ECC
[CL09, GCS06]. ECC-based [CL09]. ECG [ZAAB16]. ECHO
[HASB16, SAL10]. EcliPSe [RS92a]. EDAs [MMAL+06, dGP06]. eddy
[SM04]. EDF [dOCS14]. Edge [BGR96, BS97, GT97, HBA15, LSH96,
TDM05, WB01, CL85, DJT03, GDP08, Im03, SS03, YWJ+18].
Edge-Coloring [LSH96, GDP08]. Edge-Disjoint
[BGR96, WB01, TDM05, Lin03]. Edges [HHC98, BKCM17, FPP+08].

**editing** [RS90b]. **editor** [WW03, AB03b, Ano011, Ano02g, Cas93, Che92, Cho03, Her92, Kri92, Lin93b, Pan09, Pra16, Sch90, Sto90]. **Editor-in-Chief** [Pra16]. **Editorial** [AS15, Ano04c, Ano95k, Ano96k, Ano02f, Ano04i, Ano4i, Ano4j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04p, Ano04q, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j].

**Editorial** [Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18k].

**editors** [XO05, AP93, AL99, Ano01j, Ano01k, Ano02h, Ano02i, Ano16k, BD00, DOP98, ES97, GGB93, GC95, JW94, MC93, NT90, OW01, PN97a, PN97b, PA96, SH92a, TFV+15, BG90b, TY95, WC05]. **educating** [LMB+17]. **education** [Hua17, MBG+17, Nee17, NKSA17]. **Effect** [ACD+93, IS06, BL05, JZ05]. **Effective** [Ano97k, BC01, GM96, HH97, KO11, LT96, MAR05, QM01, TC92, VH93, WLD02, YZS96, AM12a, BV13, BCK+13, Cza13, DK04, FZWL12, FWM+10, FI04, JLWX11, KH04, NAK04, SNC12, WMY+17, YCH+10, ZJ06].

**Effectiveness** [GMM00, HKT+91, KS97a, LKK94, MA11, TC03]. **Effects** [AMB95, DZDZ01, KB06b, UD96, CK88, HLS03, KG04, SPBR91].

**Efficiency** [EH01a, GG01, LaSb+18, AHG12, AG12, BC11, BYH+17, ESCV15, FRM15, FCP+15, GSWW04, HM:17, HJLR12, LB12, LZSL06, Ren11, Si86, SWHB17, SHC14, 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, CPW12, CN93, CS95c, DSN06, EP90, EL97, FG08, FBK08, FMR05, GPT06a, Gao93, GR96, GCKM97, GM94b, GRS97, GP00, GKhS96, GNV03, HQPT99, HH01, HSL04, HAS16, HHC98, HBB93, HOB94, Hwa97, IR12, Iqib92, JBS14, JB93, KPC96, KHS96, KK10, KL97, KKB+06, KS13, KP97, KBCG92, LJ05, LHHH11, LDP+14, LY01, MD01, MLGD12, MB13, Mat93, MHC95, MS99b, NB93, NT93, NIS96, ND12, OS96a, OK01, OP96, Pad91, Par98, PA97, PP13, Pen11, Pra93, RV13, RSS99, RSB96, Rao16, RMU14, Ric98, RJMC95, San02, SMP15, SW96, Sch13, SSHC00, SMP17, Sin87, SWLZ17, SCLL10, TWH02, TR96, Tur12].

**Efficient** [VB02, VB90, WRC+02, WHT00, WCH18, XNN92, XLL18, YD98, YZLL09, ZB97, Zha92, Zho07, dSAJ15, AAH17, AFA13, AR17, Ara13,
BFH$^{+17}$, BM11, BKC$^{+15}$, BK13, BOY$^{10}$, BR91a, Bic90, BCK$^{+13}$, BHK17, CMR$^{+18}$, CKN07, CP10b, CGW$^{+03}$, CMN12, Dkm10, ESGQ$^{+11}$, EDH$^{+17}$, GDCc18, GKs15, GT04, GLD06, GYP13, HSS10, HS06, HRJ94, Hsi04, IEWk17, Joh87, KTP17, Kva18, KyLPC17, KL05, Kssk16, KA05, Lk13, Lai14, LmZ04, LW16a, LS91, Lsc$^{+15}$, LR03b, LHP07, Lon04, LLDL15, La06, MGSG12, MD07, MSF, MPS16, MPN17, MAHKZ12, MCP$^{+18}$, NF16, Nic07, PPSV15, PVGG06, Rm11, RLA$^{+16}$, RLA$^{+17}$, Rfs$^{+12}$, RT18, SB12, SX08, SzMK13, SM08b, TLY12, TGPUC16, TMK$^{+17}$, Ubes10, VRGS17, Wjv07, Wan07, Wtc08a, Wtc08b, WMW09, Wlst16, WtWz16, Wib12, WH17, Wgcz09, XlC$^{+18}$, XhZ$^{+10}$, Yss11, Ylb$^{+15}$, ZCm$^{+12}$.

Efficient [Zll14, Zscx18, ZB03, Zwwx16, Zhlq12, Zho03, Lm09].

Efficiently [MT95, Coh90, CCM$^{+06}$, FP03].

Efs [MSK$^{+16}$].

Eggee [Vphml06].

Egress [Bar05, MAM05, QGZp17].

Efs [MCas12].

Eigenanalysis [TYa16].

Eigenvalues [Kau94, LyL08].

Eisenstein [Hbad15, HS17].

Elastic [Fgg17].

Elasticity [MMV11].

Elderly [Hrm17].

Election [SK94].

Elections [As96, KB96a, DLV11, Dgdf10, Fkk$^{+04}$, Kgn89, Pel90, SS05].

Electric [IWM97].

Electrical [M097].

Electron [DAG$^{+17}$, Fgg04, Fgg08].

Electrophysiological [Hes11].

Element [BCV94, CSSY94, PPTV$^{+10}$, FC14, Kme09, Ren11].

Elements [GB93, KNS$^{+13}$].

Eleven [BSB$^{+01}$].

Eliminating [DR98].

Elimination [BPST96, BMM97, CS95b, Cap87, Esgq$^{+11}$, KA91, Vel89].

Elimination-Based [CS95b].

Elliptic [Pse$^{+01}$, BGH$^{+03}$, SKH15].

Elpack [Zgg$^{+14}$].

Elpack-based [Zgg$^{+14}$].

Elm [Clol17].

Em-4 [Bam93].

Em-Kde [Ehl$^{+15}$].

Embed [Skk91].

Embedded [WA02, BM17a, CnLqrL18, CKlck04, CKlck05, CRJ10b, DQr$^{+09}$, FWM$^{+10}$, Gzg$^{+17}$, GswW04, KRO6, LLLC15, LCB16, Mbr08, MGRK14, PRHB06, XLL15, YZx11, FWM$^{+10}$].

Embedded-Tm [FWM$^{+10}$].

Embedding [Ans97, Am94, AM93, BL89, CCCM96, CS95a, Efe91, Efe96, HKM00, HJ90c, Lsc00, Lps$^{+98}$, Lin03, NPI$^{+96}$, PW16, PM92, QM01, RWY93, Shl95, SLP$^{+98}$, TT98, TIW94, TL96, Var91, Wag89, Wag93, Wag94, Wan01a, Wu85, Wfl98, BG90a, FLPj07, FT04, LFz$^{+17}$, PW17, YlzW18].

Embeddings [GH93, HM01, Hos94, KC98, MT93a, OS97, OD95a, CL91a, GNW03, YTH07].

Emergency [HPB$^{+10}$].

Emerging [Ano02v, BKc$^{+15}$, Kht$^{+14}$].

Emitter [FPM$^{+14}$].

Emitter-Coupled [FPM$^{+14}$].

Empirical [FTc00, LR93, LGK$^{+12}$, NxtK17, XZS96].

Employing [AGM06, PKW$^{+10}$].

Empty [Deh90].

Emulating [KMS10].

Emulation [JH94, PrW94, LST17].

Emulations [RDG03].

Enabled [Mwl00, CSL15, CCN06, GQZ18, GRJ$^{+15}$, KTF03, ZHLQ12].

Enabling [ETS14, FGG$^{+14}$, JKI13, Sp08, TT10, ZPI06, ZCF$^{+17}$, Dkkv15].
Encoded [JH94, CLV95]. Encoding [AAL95, CP10a, WLCZ15, ZWQ^16].
encoded [SWW^17, ZHT16]. encryption [WCCH18, ZAAB17]. End
[An08, An09, An010a, An010b, An011j, An011k, An012m, An012n, An014f,
An014g, An015k, ZLCJ12, FGP05, GBMZ07, HPSM91, ORWT^18, WG11,
XLL15]. end-systems [GBMZ07]. End-to-end [ZLCJ12, WG11, XLL15].
enDebug [CV16]. endpoint [Hsi04]. end-systems [GBMZ07]. End-to-end
[ZLCJ12, WG11, XLL15].

endurance [SWW^17, ZHT16]. encryption [WCCH18, ZAAB17].
Energy [ALF03, BOY10, BYH^17, DKL10, DKY01, FWM^10, GQZ18, GYP13,
KR12, LK13, LBMG15, LL10, LW16a, Li16, LNA17, LSC^15, LR03b, LY13,
MGSG12, PLR07, QSL^08, RM11, SP13, SSGZ13, WH17, XHZ^10, AGH12,
CV16, ECLV12, FRM15, FCP^15, FKL08, GGY10, GDCC18, GTN^06,
GL12, HPG06, HM17, JZJ^17, JZF^15, KR10a, KSI04, KyLPC17, KCR14,
KSSK16, LR14, LCW05, LL12b, LZF11, LDDL15, LCB16, MJK^11, NS12,
OMT^17, PCMM^17, RBW^13, RLA^16, RLA^17, RFS^12, RT18, RTZ11,
TL12, VRGS17, WMW09, WLST16, XSL11, YL12, YZS15, YAK15, ZW11,
ZWY^15, ZWWX16, ZHLQ12, MSK^16]. Energy-aware
[GQZ18, LBMG15, LNA17, LY13, LR14, MJK^11]. energy-constrained
[JZJ^17, KSI04]. Energy-efficient [DK10, GYP13, LK13, LW16a,
LSC^15, MGSG12, WH17, XHZ^10, GDC18, KyLPC17, KSSK16, LDD15,
TL12, VRGS17, WMW09, WLST16, ZHLQ12]. Energy-Friendly
[MSK^16]. energy-performance [ECLV12]. energy/power [OMT^17].
energy/power-aware [OMT^17]. ENF [CK97]. Enforcing
[KMF^05, Kub17]. Engine [KSL85, Ram92, HVW16, XTN12, SD88b, XP10].
Engineering [LWR^03, BCD^15, CCE^17, Gai87, Nee17, PRHB06].
Engines [SD00]. Enhance [WLID02, DZC17]. Enhanced
[BOSW94, MD13, OPG08, OS96b, OSZ98, LDDL15, dOBG^15].
EnhancedBit [ARD14]. Enhancement
[KJ84, TC92, DK04, NGQM12, RH05, RM90, TBG^17]. enhancements
[ESQ^18, LU14]. Enhancing [AYIE98, CGN^13, CRA^08, GRR13,
HWL14, dAMFD13, OM10, GQZP17, CCH09, JBY^05, VA03, WZJ05].
ensemble [SV18]. Ensuring [JF95]. enterprise
[BJPPM^08, CCEB03, LSH^13]. entities [Ahu90]. entity [MPN17].
Entropia [CCEB03]. Entropy [TVO92, VO89, DFHH13, WMW09].
Entropy-Driven [TVO92]. enumeration [SSTP09, SR90, WCH^17].
envelope [GC07]. Envelopes [BMRC98]. Environment
[AT94, AD95, ALL99, AA95, BB93, CP97, CLZ02, CSML10, CCRS92,
CHR94, CB96, DKY01, DRS01, GYAB11, KZ96, KC99b, LC90b, LAS^97,
L99, MHF93, RS92b, RSD94, SG93, SRGB90, SSO, WH97, ZL93, AOS^05,
CK88, CCS06, JWX11, KVHS07, KSS^07, KK10, LLYL08, MYYY17,
MAR05, MLK12, MML07, SSKS11, SSM^06, WD13].
Environment-conscious [GYAB11]. Environments
[CTD99, CLRW00, CP99, KRW96, KR97, KER01, LTH97, PRS97, PRG88,
SSK96, WSRM97, WSA^94, ATZ07, BAL05, BPA06, BH05, BSMH08,
CTKA17, CML09, DBC03, DWX10, ECLV12, FRM15, FMF18, JS86, KV10,
KAS07, KLJ^11, Ksh12, LY91, LSH^13, LWR^03, LML^10, LSWC14,
[CCC90, Cou93, DD95, Gup92, GKHS96, HS86, LAS+97, LTIK05, Mah95, MM93, Mer96, Mir91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSBN01, SCMB90, SA93, Snu02, WB96, ARM+05, Bic90, CC87, DeG88, DKKI09, ESCV15, FCC07, GYY+14, GK04, LFS16, LR14, LPK+10, MSM09, MTL+18, PP13, RG06, SS06, WLST16, dKG+10]. **Executions** [LMCF90, FCP+15, KVNV17, RV13]. **Expandable** [SSB91]. **Expanding** [Zia92, RM10]. **Expansion** [LY12, SL89]. **Expectation** [YZG18]. **Expected** [Ros99, CLL09, SSS88, SC91a]. **expected-time** [CLL09]. **Experience** [FTK14, SH92b, Chi95, NGQM12]. **Experiences** [ARM+05, CDH84, GRJ+15]. **Experiment** [PF04]. **Experimental** [BJ96, BFG04, CKT11, FCS91, Hag97, HBJ98, MJ01, PTC+93, YMR93, ZYH94, Bsd04, CT94, GCH+17]. **Experimenting** [AD95]. **Experiments** [RS92d, CF88, LYW+16]. **Expert** [DSW94]. **Explicit** [CP90, DO89, JZK04]. **Exploit** [YCH+10, ZPI06]. **exploitation** [PVGG06, VFAD17]. **Exploiting** [CB15, CKK00, DL99, FKL08, FY97, HT90, JBY+05, LKS14, MNB95, NMS93, SH92b, VBF15, WYTX13, ZLW12, CDAN14, GJXZ05]. **experts** [GBMZ07]. **exploration** [BKC+15, CKK+13, LLKY13, TKKH17, TD07]. **Exploring** [ARP18, LR93, NHTK17, PCMM+17, RQ+18]. **express** [APRA18]. **expression** [GSH96, Mer96, DeG88, DM90b, JK89, LG9+12, MP88]. **expressiveness** [HdR13]. **Extended** [BG01, LWOG02, Re84, EO7, YWW12]. **Extending** [BBCL10, CMR10]. **Extensibility** [MB96b, LFH+03]. **Extensible** [FLCB10, HGFF10, ZWL03]. **extensions** [DBSD08, Oza04, JM00]. **external** [DO89, ZJX04]. **Extra** [SZ00b]. **extracting** [BCH15]. **Extraction** [BY01, CLC+17, HP06, LLS+16, MMB15, PZ10, ROJ08, WJW07, dAT17]. **Extrapolated** [DM17]. **Extrema** [AFS96, RKS87]. **extremal** [FSV14]. **Extreme** [SFT+13, YZW+15].

**fabrics** [ZRN+14]. **face** [CMN12, NHO+13]. **Factor** [GG01]. **Factored** [BSGM90]. **factorization** [FHL+15, MV91, SH06, ZLPK91]. **Factors** [BP98, EL88]. **Faddeeva** [CF98]. **failed** [Trä09]. **failovers** [SI13]. **Failure** [AA+15, FCF00, Fu10, JAB12, BKMT14, DGFGK05, FX10, HK05, JKIE13, KV10, LGZ+10, LFA05, MFV08, PCLP16, YF07, JKIE13]. **Failure-aware** [Fu10, JAB12]. **Failures** [ADS01, DT02, VR94, VR95, DGD10, GPT06, HRC09, LY10, MR09, RLH03, SCMS12]. **Fair** [ALH+09, BHTL14, KY02, KHH18, Tau16, GNT04, KS03, KDH08, LASS15, SPC+17, SCG10, XWC+08, ZLL14, ZQMM11]. **Fair-share** [KNN18]. **fairness** [Ara13, SHC14, ZLJC12]. **False** [HF96, KG04, LLWC17]. **families** [FSV17]. **family** [NS90, ZDC06]. **farm** [TBZB05]. **farms** [JTZZ11, MCP+18]. **Fast** [ABC90, BC06, BV13, BF97, CK06, Cor93, DP00, DS04, DWR85, EM89, FZC+05, FR96b, GM94b, Gl94, GSC96, GZ97, GJXZ05, HZA+15, HN91, IC94, JNW96, KK06, KSSG14, LA98, LH09, PH91, PA04, PT97, RHH96, SS93, SR94, SHT+95, SGS08, SA08, SDG08, ST05, TF01.
YZY96, YD98, YB01, AGMS16, BC05, BBBC12, BFKW13, BHK17, Cal06, Can18, Kep03, KA91, KP05, LLS07, PH16, ST85, TS91, WWW17a, WJ12, XLH18, Yan04, CVK+18, LLCL98. Faster [BMM97, GS03a, LS05, CM03].

Fat [Zah12, CI03, CS06b, ESGQ+11, ESGQ+14, SK05b, YMLP14]. fat-stack [CS06b]. Fat-tree [Zah12, SK05b]. Fat-trees [ESGQ+11, ESGQ+14, YMLP14]. Fattened [GMVRGS16].

Fault [AE95, AM97a, AM95, ABBD14, BXA08, BSS97, BMM97, BW95b, BKMT14, BPA06, BCH95b, CLMRL15, CR94, CL93, CKN07, CY95, CC94, CDR09b, CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LGG08, LC96, MD01, MMR98, MPG17b, Pak95, PB95, Pin01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95, WIK97, WW97, Wu94, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZYO02, AA14, AA16, ANEA13, AOSM05, ARVZ14, BB87, BJ15, BDDL09, BPP05, CL91a, CW09, CW10+07, CDR09a, CMT92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLPJ07, FZ90, JBS14, KG10, LCC+05, LHL14, LH05, FLM17, LP88, PR06, PL06, PAS15, TCHC12, ZV09b, ZJ06].

Fault-Detection [CY95]. Fault-Induced [WIKC97]. Fault-Sensitive [VR95]. Fault-tolerance [BJ15]. Fault-Tolerant [AE95, AM97a, AM95, BW95b, CR94, CL93, CC94, FM99b, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, WIK97, Wu94, YBOY97, ZYO02, ABBD14, BKKM14, BPA06, CKN07, GNS09, JBA15, LFZ+17, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZYO02, AA14, AA16, ANEA13, AOSM05, ARVZ14, BB87, BJ15, BDDL09, BPP05, CL91a, CW09, CW10+07, CDR09a, CMT92, CMS04, CAF+11, DTK11a, DH91b, FLPJ07, JBS14, KG10, PR06, PL06, TCHC12, ZV09b, ZJ06].

Faults [LT96, WFL98, CP17, ISM07]. Faulty [GP97, HKM94, NSLk99, Pel95, RS96a, Tse95, TL96, Wan01a, Wu02, YTR94, nPP00, Che05, DD96, PK04b, SKK91, YTH07]. FCFS [Ara13].


Fibonacci [Ahu97]. Field [BA92]. fields [CDR90, EI07]. FIFO [BCLR96]. File [FPD93, GL92, HWLR14, KE93, MS96, WDDK09, WMG01, CTC11, DT11, DLW+12, HOE+09, KYS13, KUA07, LCM+06, MXSL12, No12, SC04, SZ09, SSX14, Wan06, WZZ+17, ZJ06]. file-sharing [KU07]. Files [BNS00, JMS94, JSM94]. WRC+02, ARDQ18, BCK+09, Che89, WJ12].

Filling [BFG94, ST12]. Filter [LWQ02, VRG17, SMP17]. filter-based [SMP17]. filtered [LKB+15]. Filtering [BTG02, CH06b, Kep03, PVG09, ZCK+02]. financial [PVR17]. find [Hoh90]. Finding [AFS96, BS97, BE95, CCC92, DH94, DWHL18, FSU14, FLT92, HHC98, KRSZ02, Kar02, MT97a, MHPR05, OMSGNS05, PGS06,
SH92b, RKS87, WCWH03]. **Fine**
[CLZ00, FR92, IBP08, LFA96, Man13, MPV12, NS97, PY96, SA93, WD94, FW05, FSD04, GVA+08, IKS87, PL03b, TKHG04, ZCF+17, LM09].
**Fine-Grain** [FR92, LFA96, FW05, PL03b, TKHG04]. **Fine-Grained** [PY96, WD94, IBS04, GVA+08, IKS87, ZCF+17]. **Finite**
[BCV94, CSSY94, HB97, HNM02, WLD00, CDR90, FC14, HM06, HT90, KME09, IWCC15, SS11, SiI90, PPTV+10]. **finite-difference** [SS11].
**finite-element** [KME09]. **Finite-State** [HNM02]. **FIR** [GLD06]. **FireGrid** [HPB+10]. **Firehose** [KM97]. **Firing** [KM91, Nie94].
**first** [DAG+17, Lai86, MB13, MP87, MAKWZ13, PV07, SWHB17, TBZB05]. **first-order** [MP87]. **first-principles** [DAG+17]. **fission** [GOO+16].
**Fit** [SP96, HLS03]. **Fitting** [CY96, MRRV98]. **Fixed**
[GHKS98, HCWS94, KP17, ACU08, BCM06, GREC91, Hsi04, MT14, ZDC06]. **Fixed-Connection** [GHKS98]. **fixed-time** [GREC91].
**Flexible** [CCR94, ESMG96, HGCC96, JWSG14, RS92c, VB96, CS17, HCM11, LLI2a, MM07b, PR06, SDS10]. **Flexibly** [SA90].
**flip** [LDS16].**Floating** [CNLGRL18, MRK93, Can18, Dav17, Gro85, MP08]. **Floating-point** [CNLGRL18, Gro85, MP08].
**flock** [BZH06]. **Flocking** [TWQS12]. **Flooding** [BCF14, XCH08]. **Flow**
[AS95, BJ91, ESMG96, JBA15, LLI93, LM96, MK92, BG90b, Bamm05, Boz90, CF88, CPA12, Gao89, GE85, JTZZ11, KM17, LHF91, MG09, Oza04, TR89, TBZB05, TY90b]. **flow-time** [TBZB05].**flows** [SM89b, VBDRC13].
**flowshop** [CB11]. **flowtime** [LZ05]. **fluid** [AGMJ06, CVK+18]. **fluids** [JdSJC+15]. **flux** [UK04]. **FM** [LC97]. **FMM** [LPLFMC+12].
**focus** [DSE17]. **fog** [JHL+18]. **folded** [Wan01a, Lai14, Lai17, SGR03].
**folding** [LYL08]. **FORALL** [ALS91]. **forces** [Num08, Num09]. **Forecast** [RH996]. **forest** [BC06]. **form** [NCB+17]. **Formal**
[AS00, LSCA93, Eri88, SHSH17]. **formalism** [MBO11, PK05c, PSPR05].
**Formalization** [BFL+13]. **format** [ZGG+14]. **Formation**
[Wu02, KSK15, ZYS15]. **Forms** [TR96, WNA+94]. **Formulation** [JBL02].
**Forthcoming** [Ano00e, Ano00f, Ano00g, Ano00h, Ano01a, Ano01b, Ano01c, Ano01d, Ano01e, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, 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, Ano01q, Ano02a, ANO02b, ANO02c, ANO02d]. **FORTRAN**
[FC95, AH94, BCF+94, HHKT96, HKT94, HLJ98, Sab94]. **Forward**
[Lai17, NS95, dOBC+15]. **Forwarding**
[AD10, GSO1b, Ana14, HDCM11, WTB+08, XYG07]. **foundation** [DHS06].
**Foundations** [BFL+13]. **four** [FZ90]. **Fourier**
[CVK+18, LLCL98, DPRW85, HH91, TS91]. **FP** [WB94]. **FPGA**
[CNLGRL18, CS17, HBS17, IH+17, NSKN17, Pet18, SA11, TYA16, TOR+14, WLCZ15]. **FPGA-based** [HBS17, IH+17, NSKN17]. **FPGAs**
[AD12, LdSB+18, MC17, MSSE02]. **FR** [GSO1b]. **Fractal** [ASKT13, LS06].
**Fraction** [GP97]. **fractions** [CR91]. **fragment** [CZZY09]. **frame** [SCG10].
Frames [LNA12]. Framework [AGG98, CLRW00, EMP+96, GHSJ96, KZ96, KK95, LAZC00, Sin95, ZM94b, AAA+15, Amn16, AM12a, AC16, AK06, BK13, BA06, BCFF05, BMT12, BGM+08, BJ18, CCC+04, CV16, CHX+17, DV13, DMB+03, FGM+03, GRDB05, GM13, GFPC14, HSH10, HDT+05, HRM17, KTP17, KKS+12, KL05, KBCF05, KL08b, Seb95, VA07, AZW13, BCFF05, CBM+08, CYZ06, CW15, FK89, GFPC14, LB09, LV15, LCB16, MSAZ10a, SAL10, SMH+14, SGdSS13, TZH+06, TLW18, VS18, WTWZ16, WHW+17, WMG13, YTO5, YLB+15, dAT17]. Frameworks [KRS13, KRS14, DAB+14]. Fraud [BST01]. Free [BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, CB06, DFP06a, Dav17, FKKR16, HV09, HSY10, HA06, JBS14, KH12, LASS15, MYM10, MKM16, Pen11, SD91, SdLB+10, ST05, ST08b, TT07, VBDRC13, ZH12, dOGB+15]. Free-Space [KM97, RP98, SH98]. free-surface [VBDRC13]. FREP [KR12]. frequencies [LdSB+18]. frequency [MYD+11, RTZ11]. Frequent [AAP01, LT10, YZG18]. Frequently [LL95]. Friendly [MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI [KHT+14]. FTN [Seb91]. Full [BBN93, SWW+17, SR88b, SR90, HH97]. full-access [SR88b, SR90]. full-text [SWW+17]. Fully [BNP02, Fer95, KP00, SJ95, CP04b, DM90b, DTK11a, tH90, SI89, TR08, YME06, LM09]. fully-distributed [DTK11a]. Function [AGG98, HLJ98, MJ94, SB02, ABO+17, BNBR16]. Function-Composition [HLJ98]. Functional [AB84, Mah95, SC95, QSL+08, WMY+17, YJB91]. Functions [TG97, VR94, AMT13, CMR+18, MM15, RMU14]. Fundamental [GL92]. Funnels [SZ00a]. Further [PMV06]. Fusing [TVT96]. Fusion [AMB95, STN92, QSL+08]. Future [AE88, KS95, MKN12, PJ18, ACB+15, ECLV12, LY13, MKN14, PSC+16]. Fuzzy [BCF97, DFOLO17, TZI11, KKTZ13, KC04, NC09, SMO14, ESCV15]. fuzzy-based [NC09]. fuzzy-decision [KC04].

MSAZ10b, OFS03, PK05a, Pel90, RGD03]. General-Purpose
[GBF+92, KL08b, CBM+08, LCB16, RGD03]. Generalization [GCM95].

Generalizations [Ort94]. Generalized
[AKPT99, Bai94, BETD94, BR91b, DMCFCM03, Fer93, FAM96, JH92b,
Lee94, PE93, SS91, WIKC97, XL92, XL95, YN92, ZLP01, FK89, HSH10,
KMP+06, Luk85, Nic88, TDM05, WR13, YCC05, ZLMC14].
generators [CBV08]. generated [MTM10]. Generating [AAK+13, AMS94, Beec96,
CGL+95, CJ07, GHS99, SS96, SCMH13, SGG94, TH02, Wri91]. Generation
[ASR93, AAP01, AS94, CCM01, DT97, Kap93, KHS96, KBC+01, Lin93a,
NC97, RGS00, RN96, SHC00, ABC+09a, ABC+09b, AFM09, Arb89,
BCK+13, FK99, Gao99, GMX07, HPB+10, LI13, LC92, Meg91, NAB+11,
ORWT+18, RKK06, SB04, Tra09, Zsa16]. generator [Pet18, WSG91].
Generators [Alu97, Bro96, PK89]. Generic
[PA01, AK07, GM13]. Genetic
[ANT02, CGKK07, KRS902, KA97, OA10, PAJC97, WSRM97, WA02,
WLID02, AL04, ALM+16, ANEA13, AB13, BCFF05, DK11, HSSM07, KM03,
LA04, PKN10]. Genetic-Algorithm [WA02]. Genetic-Algorithm-Based
[WSRM97]. genomes [KESA07, SPR+12]. genomic [HLS03]. geocast
[CL03a]. Geographic [AD10, LAGK07, SJS11]. Geographical
[PFJ04]. genetically [ZWL03]. Geometric
[ABr96, BMRC99, CDRC99, GM96,
KV88, WPKK94, AG86, CMN12, KK06, MRS+14, TSFZ14].

Gigabit [HcF05]. given [DDNS06]. Global
[BLPV95, KCRB99, LKY97, LA93, MT95, MI92, Mat93, OK02, Par96, TG97,
Vaub94, WT90, Yen01, AY89, Car90, CK08, DK04, GJJ88, GBB13, JLM08,
Lun00, MS15, SK99, VB08, WW17a, Zah12, ZLW18, doCS14, YQT12].
globally [CWP12, NZA13, LNA12]. globally-aware [CWP12]. glueless
[RFPA08]. GMA [ZFS07]. GMAC [GZMC08]. Gnutella [BA05]. go
[PL03a]. Goal [CJ17]. Goal-based [CJ17]. goals [TAR18]. Godson
[PTK+13]. Godson-T [PTK+13]. GOM [YL8+15]. GOM-Hadoop
[YL8+15]. Good [BEE09, DP99, SK94]. Google [DK14]. Goscinski
[BCC95]. Gossip [FCML13, FM07, LT10, WW17a]. gossip-based
[FCML13]. Gossiping [FP97, GR97, SG08]. gossipings [KL05].
GPGPU [DFST13, OGR+12, WMG13, YPCW16]. GPGPUs [AKF14].

GPS [AKBD10]. GPS-free [AKBD10]. GPU
[AYL16, ARP18, BCM15, BDRB14, BFKW13, BHS13, CSL15, CMMT13,
CW15, DV13, DFHH13, DCA+15, Eme13, FSU14, FSV17, GMPM12, GLW14,
GK515, GMS+13, HVW16, IH16, JGY17, JDSJC+15, KP17, KKN13, KC17,
LR14, LLKY13, LST+13, LPLMC+12, MB13, MRT18, NFHL13, PDP17,
PDB13, RV13, Ren11, RMU14, ROB+18, RR8+08, Sch13, SS11, SCMH13,
SDG17, SA08, Ski16, SDG08, TH11, TSD08, TRS+12, TYA16, VBDRC13,
WL16, WD13, WH17, XLH18, YLL17, ZMC11, ZHH15, ZWQ+16, dSAJ15].

GPU-accelerated [DCA+15, Eme13]. GPU-based
[BCM15, BDRB14, BFKW13, GMPM12, PDP17, Ski16].
GPU-Investigations [Sch13]. GPU-sorting [SA08]. GPUDirect [ARP18].
GPUs [ASES15, BBBC12, BRB13, BCK+13, COV13, CGN+13, DP16,
GOH+13, IBP08, JM15, LMGLGLG17, LW16b, LV15, MBW16, NSKN17,
NHO+13, PVR17, RGU08, SHT+08, TH13, ZSW14, ZGG+14]. Graceful
[AA14]. Gracefully [BBR94, CGA98, LH92, RCB93]. Gradient
[Bas97, BM08, GLW14, LR14, PB09]. gradients [McA89]. GrADSolve
[VD04]. Grain [FR92, LFA96, Mah95, NS97, SA93, CT94, FW05, GSWW04,
PL03b, TKHG04]. Grained [BR96, CDRC99, CLZ00, DFRCU99, HK96, PY96, SR97a, SR97b, WD94,
BM04b, FSD04, GVA+08, IKS87, IBP08, Man13, MPV12, ZCF+17]. Gram
[ZLRP91]. Grammatical [RBB17]. grand [SIY14, SAB+92]. Granularity
[CDH84, WCL+13]. GRAP [FGL+11]. Graph
[AyJ93, CCM01, CHGM01, GJP96, HJ90c, Kar95, KK98a, Lat95,
MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TSV97, TWE97,
WME97, ZW00, BK+15, BDKQ86, BCK+13, BM08, CM03, CSJ+13, DeG88, DCA+15,
GHC+17, HLM+90, KSSG14, KL15, MPZ09, MMS09, NTK17, PK07, PS14,
Ros89, SKKC15, SW91, SR03, SMT15, WCCO2, WCH+17, YFBY17, ZNQ93].
Graph-Based [CHGM01]. graph-partitioning [GHC+17, SW91].
graphene [KRM14]. graphene-CMOS [KRM14]. graphic [SKH15].
Graphical [CMT93]. Graphics
[BHS13, DDGK13, ATDH13, BK13, CLA+18, CBM+08, KLM08, KME09,
PYP+10, SSB08, SIY14, ZMCP11, Eme13, GLGLBG12, YL12, YJL16].
Graphs [ANS97, AKPT99, AS96, AKP95, BS97, BP08, CP98, CA95a,
CDF01, DDD08, DSH94, EMMM94, FA95, GY92, GS98, GSG+93, GS99,
HOS94, IZ95, JR95, JS92, KK98a, KW02, KA97, OS97, PRW94, Par98,
RDL95, TL96, VB96, WIK97, WD00, AA+13, ANP07, BC06, BKS05,
BD05, BCF14, BKCM17, CP04a, CDDL10, CDS10, DM17, FT04, GKI0,
Hsi04, HS03, JPD17, Lin03, Lo92, LKB+15, MPH05, MSZ05, NCA+12,
Nik04, PD05, PK04b, SS03, SP09, TGB+17, Ten16, TSFZ14, WWW17a].
Grasping [KR17]. Gray [BVB02, HHM94, HRJ94, JH94]. Gray-Scale
[HMM94]. Gray-to-binary [HRJ94]. Great [KF90b]. Greater [Ebe94].
Greedy [KNS06, BGM+08, HDJ08, KWH13, LLS07, Cho90, dOBG+15].
[AKPT99, BR02, BAK+03, Hua17, MD13, SDG08, TF01, AAH17, CP07,
CCEB03, CGW+03, EI07, FGZ03, JsJ+15, KRKS11, KV10, LBE03,
LFH+03, LLL2a, LLL17, LB09, MC03, PF04, SMB10, SZL10, TLQS12,
VD04, WH17, ZV09a, dK+10, AOS+05, ABCM07, BAS06, CS06a, CTT08,
CC06, BCO3, DW12, EDO05, GBA08, KTF03, KVHS07, KSK08, LCC+05,
LHS+13, LLL08, Li05, LL07, LTIK05, LS10, LR05, MCT06, RAB08, SJB12,
SV08, SAOKZ05a, SAOKZ05b, SXZ06, SS+06, SFEF06, TYH09, TMM06,
TD07, VPHML06, WS06, YT05, YWD08]. grid-aware [FGZ03].
Grid-Based [BR02, CP07b, VD04, KKS08, GBA08, LLY08].
Grid-computing [BAK+03, SAOKZ05a, SAOKZ05b]. Grid-enabled
[KTF03]. GridBench [TD07]. gridding [GOH+13]. gridding-accelerated
Grids [CCCM96, HKMU98, HOS94, ACFK07, ARDQ18, BMT12, DJH11, GVBB13, GRDB05, GM14b, JV09, LKS14, LL10, Mit07, PHS04, SMO14, YZS15, AAD10, ABCM07, GTN+06, GJA08, Ngo06, SNCP12, TZ06, VB08, WW03, WCL+13].

Grooming [FMM+08, WG08, WCL+13].

Gröstl [ABO+17].

Ground [BFKP04].

Grounded [BFKP04].

Group [KKLJ14, LLW12, RGVB00, CJDC10, CHC05, Dim91, EDH+17, LC14b, LHT08, dAMFe13, MM07c, TC13, XO05].

Group-based [KKLJ14, TC13].

Group-shared [LHT08].

Grouping [CWP98].

Groups [Oru87, WLD00, ARDQ18, CHC05, GCS06, LKM12, MS05, Ros89].

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 [WW03, AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95, Her92, JW94, Kri92, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, PA96, Sch90, SH92a, Sto90, TFV+15, BG90b, TY95, WC05].

Guarantees [Ano00d, Ros99].

h [CP04a].

HA03094L [Ano04e].

Hadoop [FRM15, GYY+14, HWL18, HWLR14, YLB+15].

Half [RS94].

Half-Duplex [RS94].

Hamiltonian [DP98, Hsi04, HBAD15, LSC00, Nik04, Wan01a, WCC02, YTH07].

Hamiltonicity [HTHH02, Ste17].

Handheld [WL04].

Handling [BW09, CVJ09, SYG92, KVA18, KV10, LN+12].

Handoff [SK05a, FCZ+12, ZBR11].

Happened [HCR12].

Happened-Before [HCR12].

Happy [KSSK16].

Hard [DJ98, GFPC14, BRR01].

Hardware [BK18, DGNW13, GS00, MD01, MCAS12, RPS93, SCC+06, SHA17, TF92, The02, TH08, VHG93, Zsa16, ABC+09a, AF06, ABO+17, BJS03, CV16, CGC16, CP17, CM12, FWM+10, GKS15, GVA+08, HDJ08, Hus17, JJ12, KDO+13, KC17, LMK18, MTM10, Nik03, NAK04, PVG09, PAG+18, QGZP17, SV18].

Hardware-accelerated [DGNW13, Zsa16].

Hardware-Efficient [MD01].

Hardware-generated [MTM10].

Hardware-Only [GS00].

Hardware-software [CV16].

Hardware/software [SCC+06].

Hardware [SKH15].

Hardwired [DM88].

Harmoni [ES12].

HARNESS [MSS00].

Harnessing [MTL+18, VPHML06].

HARP [SSB98].

Harvest [WS06].

Harvesting [RB12].

Hash [LACJ18, SX08, TTT10, ABO+17, HKW05, SRT+18, TC04].

Hash-based [SX08].

Hashed [HSMB91].

Hashing [WPKK94, YB95, HDCM11].

Hawkeye [ZFS07].

Hazards [AGG98].

HBS [CK13].

HCL [Pfe90].

HD [GB11].

HDL [DSEP17].

Head [ESGQ+11].

Head-of-Line [ESGQ+11].

Health [ZAAB17].

Healthcare [VS18].

Heap [DP98, ZK94].

Heat [LGG08].

Height [LP96a].

Height-Limited [LP96a].

Helary [Ano96l].

Help [IR12].

Helper [DKR109].

Hereditary [CDF01, Hsi04].
Heterogeneity [Las12, Las13, XLL15, BKS05, CL03b, XQ07].
Heterogeneity-driven [XLL15].
Heterogeneous [ANT02, Ano97k, BSS97, BPR99, BSB01, CP97, CA94, CEF+95, DAYA02, DBP94, EKNS17, H94b, HC97, KL01a, KRML14, LAS+97, LHHB+01, MAS+99, MSd+95, MP96, NRS95, NDZA99, PP92, SC91b, WR97, WSRM97, Won99, YZS96, ALM+16, AAD10, Amm16, ALF03, BKC+15, BD05, BCFF05, BR08, BRP03, BKCM17, BEN12, BH05, BSHM08, BSS+13, CSW08, CCK+08, CCK11, CDR09b, CGW+03, CJ17, DK08, DK11, DÖ06, FMR05, GQZ18, GY92, GJP96, IAS+92, KUA07, TSC01, AKSM08, JST12, KA08, LLS07, ZHO03].
heterogeneous [SSM+16, SS11, SX08, SCS+08, SCMS12, SZMK13, SHL+13, SSM+06, TLL10, TLLV10, TFMS15, TG03, UAKI06, VBF13, WQL14, WTWZ16, WSG91, WJ12, WG11, WYTX13, WJ14, XLHT13, YLL17, YH07, ZMG+16, ZTFK16, ZLWZ18, ZSCX18, ZHLQ12, VBF13, VFAD17].
HeteroMPI [LR06].
Heuristic [BA92, DDD98, EHMN95, KLZ97, XH93, DK11, HS06, KJD03, KKS+12, PKN10, PM05, SWP90, VB08, YFBY17].
Heuristics [BSB01, GY92, GJP96, IZ12, JBY05, KVNV17, KSB11, KME09, LMSK18, LWR+03, LXX14, LVBO7, LZZLS06, MGSS+13, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, SPRG+12, SD91, SC04, SAB+92, SA11, SR91, SGdSS13, VAS+13, WRW13, ZW13, ZWQ+16, dAT17, MMVL11].
High-Availability [LS01, Fu10].
High-end [FGP05].
High-Level [HT90, PK07, WRW13].
high-order [KME09]. High-Performance
[BNSP99, CY99, FGKT97, JLRRA97, KMKD97, KRS13, KRS14, KRS01, PBB+17, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMSS+11, HRG+11, HCZ04, ICQO+12, JBY+05, LWV+03, LSXX14, LVBo7, MSGS+13, NRM+09, SD01, SC04, ZW13, ZWQ+16]. High-Priority [TF92].

High-resolution [MG09, VAS+13]. High-resolution [GOH+13]. High-Speed [BBH+97, SR91]. High-Temperature [SWHB17]. High-Throughput [FM99b, CLA+18, BSW07, HVW16]. Higher [GSSS03, HS17, AM06]. Highly [BDHF90, CAB94, DF17, Joh94, KHT+14, MD01, NKC+97, VH93, WIK07, AFA13, ATH91, GV86, 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]. HMIPv6 [CKML12]. Hoang [An09c]. Hoc [An01e, BDF01, GS01b, LAZC00, Pat01, RBP+11, TM10, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BN03, Bou03, CNS03, CW05, CY06, CD006, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, JLWX11, KK06, Kim11, KNS06, LR03a, LPX05a, LW06a, LHW14, LC14b, LR03b, LHT08, NMN+14, OS05, OM10, OMSGNS05, SNC12, SM06e, SGS08, SKMM04, SJ11, TC13, VA03, WT+B+08, WGS08, WBTM09, WHS+18, XH03, XW+08, XG03, YC04, YSS11, YWW12, ZMC06]. HOG [RBG17]. hole [LZC11, PSC+16, SGAC14, oOBG+15]. holistic


[RBG17]. HW/SW [RBG17]. Hybrid [BJL18, Dah99, FA07, Gao93, LWCG14, NB03, OS93, PA15, YS11, ALM+16, AC89, BAMM05, CCQ+06, CB15, CJ17, DL11, FX06, GLC14, JAB12, KSJC17, LY13, MBS+12, MMK+11, No12, PARB14, SCS+08, SHLN09, SSL04, SA08, TY17, WLL16, WHW+17, YLL17, MMCL+17]. Hydrodynamic [HC97]. Hydrodynamics [PAH+98, VBDRC13]. Hyperbolic [SSK96]. hyperconcentrator [CL90]. hypercontexts [LM05]. Hypercube [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH90, DRC90, DFN+94, FAM96, FPD93, GGD93, GT97, GBG93, HGCC96, IK93, IK94,
Hypercube-Based [Zia92, DE91]. Hypercube-Connected [LH92]. Hypercubes [AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Efe96, FM96, Fra92, GP00, GH93, HM01, HOS94, Kav93, KH95b, LL92, LW95, LT96, Moh97, OD95a, OP96, Pel95, PM92, RJMC95, SHL95, SR95, TT98, WW97, Wan01a, Wu94, WFL98, YTR94, BG90a, BM04a, BOS+91, BL89, CL91a, CL91b, Che05, Ede91, FT04, GT04, GNW03, HNSA07, Ho91, HR94, LW90, Lai14, Lai17, SS89, Var91, WIB12, Wu85, Wu03, XCS06].

Hypergraph [DKU+15, ACU08, CBD+09, DHK04, KJD03, TK08]. hypergraphs [STA12]. Hypermeshes [OK01, Szy95]. Hypermeshes [OK01, Szy95]. Hypermeshes [OK01, Szy95]. Hyperoctrees [DFN+94]. Hyperplane [HS93]. Hyperreconfigurable [LM05]. hyperspectral [PVPM06, Pla08]. Hypersphere [AM93]. Hyperspherical [RLP14]. Hyperstar [AAD98]. hypertree [LTD+93].
Implementations [DT01, KL84, SAC98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tåt11, TYA16, YBM13]. Implementing [BC94, Coh90, SAC98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tåt11, TYA16, YBM13]. Implementations [BC94, Coh90, SAC98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tåt11, TYA16, YBM13]. Implementing [BC94, Coh90, SAC98, WPKK94, BCM06, BRPR06, GNS09, ICQO+12, Tåt11, TYA16, YBM13]. Implications [AH94, BS96a, GTN06, MT96, MG93, SH92b, TSA97]. Implicit [BAM93, Fre96, HWL18]. Implicitly [SAC98]. importance [MLMSMG12]. imposed [BKS91]. impossibility [AP16]. Improve [CB02, DS95a, SKH96, HHK15, Kan05, KZ11, LTL06, MBR08, SLKK12, WTB+08, AA10, CCK88, SAL10, SK11, YF09, MMCL+17]. IMSuite [GN15]. in-network [BCO12, JF12]. in-order [KMF05]. incentive [CG12, YAA10, ZCYM12]. incentive-based [CG12, YAA10]. inclusion [Kak15, RFPAG08]. Incomplete [OD95a, PK04a, SCD99, TC92, GLW14]. Incompletely [BSGM90]. inconsistency [Ram89, TK07]. Incorporating [AISS97, VWHL96, WTY+18]. increasing [RS08]. Incremental [ESCV15, ZN01, LY08]. incrementally [SSB91, YC12]. independence [GK10]. Independent [BSB+01, Ger98, Hág97, MAS+99, NMS93, PS93, WFZJ12, AFD+11, AK06, AY09, CL91b, CFJW13, EB13, HAC17, Li06a, LH09, LLS07, PDB13, SSM+16, SB+12b, SZW05, SSM+07, WCF14, WIB12, YWD08]. independent-gate [WCF14]. independently [XCH08]. Index [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, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99f, Ano99g, Ano99h, Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano02c, Ano02d, Ano03a, Ano04b, Ano04a, Ano08, Ano09, Ano10a, Ano10b, Ano11, Ano11k, Ano12m, Ano12a, Ano14f, Ano14g, Ano15k, KHS96, SSHC00, Ano03b, KN18, LSZZ15, PCLP16]. Indexes [OC07]. indexing [FKJG08, GZ08]. Indian [Nee17]. indirect [Ho91, HBF12]. Induced [WIKC97, LM09]. Induction [BF01]. indulgent [WCYR08]. Industrial [MS99a, KKTZ13]. Inexact [Pla13]. Inexpensive [MT93b]. Inference [AyJ93, FBRW03, PTZ06, XP10, YWAT13]. inferencing [MK08b]. InfiniBand [ARP18, ASD09, ESGQ+14, ESGQ+18, GRJ+15, PK05b].
InfiniBand-based [ESG+14, ESGQ+18]. Influence [MCS14]. Influential [TAS+01]. Info [NTN12]. Info-based [NTN12]. Information
[Bal90, BS96a, CY99, LA93, Oza04, AHZ11, AH11, Ana14, CKN07, DB86, JLYW11, KTP17, LY91, LSWC14, MP15, Pla08, Psa96, Raj08, RFPAG08, SSS07, SFT04, TKG+17, XCS06, XQ04, ZFS07]. Informed [LM09]. infostations [BPRG04]. Infrastructure [GC01, AFA13, HB+10, JAB12, KKKP12, LCM+06, MBS+12, SW12, SWHB17, ZCMY12]. infrastructures
[Ano04d, BJPP+08, FFP14, NAB+11, TD07, YK04]. Inherent [WW98, CB15]. Initial [dGP06, YS11]. Initializing [Nak95]. injection
[GK15]. injection [CP17, LLWC17]. Inijected [Wu94, Wu03]. inner [Li90, ST85]. input [LY08, NAK04, PMV05]. Insensitive [ST02, ST06]. insertion [SS17]. INSIGNIA [LAZC00]. inspired [CMMN10, GBV13]. InteGrade
[dKG+10]. Integral [Ten90]. Integrated [BDHF90, DAYA02, OY00, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, SKMM04, WCL+13, XYL06, XHY07, YWG15]. Integrating
[BR94, DT11, DRST02, FKT96, Lu01, OK02, PY96, KKKP12, YT05]. Integration
[LSJBM99, KL84, LY01, YJKD10, Ano04d, HMY07, Kum17, YK04, ZMZJ17]. Integrity [BCO+12, LZSL06]. Intel [FP93, LTG14, SMKL93, Zha11]. Intelligence [MT85]. Intelligent
[IAS+92, KSP+92, SH98, ZL93, CDJ+89, She09, WJD91]. Intel [KVNV17]. Intended [CCT11]. Intensive [ABM+92, BS91, BS11, CA95a, EH01a, SW90, CKLC04, CkLC05, DF17, HLWL14, KAS07, MLK+16, RBN11, Ren11, SC04, VB08, WZZ+17, WGI1, ZMC011]. inter [FKLB08, GZG+17, Kan05]. inter-core [GZG+17]. inter-node [FKLB08]. inter-procedural [Kan05]. Interaction
[CCM92, DH95, LLCC02, HWLR14, YJL16]. interaction-intensive [HWLR14]. interactions [CK08, PARB14]. Interactive
[LM95, RGS00, CTS17, HSS17, MAR05, TSD08, TD07]. Interactive-Rate [RGS00]. Interconnect
[HP97a, WLY01, AHA+16, MG09, UM17]. Interconnected
[DH95, EH01b, Guo94, KM97, QMC04, GMH+91, McA89, SGAC14, TRSS06]. Interconnection
[AAD98, AA95, BETD94, CW01, CJA09, DVZ96, FD86, KRSZ02, KAM94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, OM84, OO85, Pad93, PL93, SW96, SZ92, Szy95, TH02, Tze91, VB96, Wan96, Wan01b, Wil92, YWP00, ZMPE00, ZW00, dBL95, AR17, BM14, BDjQ86, BHR91, BR91a, Bhu87, BJ15, BR91b, CM04, COKO04, CS06b, DE91, FJC04, GJ12, Har91, JBM91, KMC16, KRL87, LK90, LLK13, MHBW86, Pak89, Par05, PW16, PW17, PMCC18, SSB91, SL89, SH89, 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 [Ano16l, REZN17, CTC11]. Interest-Intended [CTC11]. Interface [BAHP01, BF97, BDH+97, IWM97, PS01, RS92c, JM15, KTF03]. Interfaces [NGQM12]. Interference [BPRS04, GZG+17, KDH08, WHS+18]. Interference-aware [KDH08]. Interleaved [NC09]. Interlock [CCK88]. Interlock Aware [NC09]. Interfere [BaHP01, BF97, BDH+97, CD98, IWM97, PS01, RS92c, JM15, KTF03]. Interfaces [NGQM12]. Interference [BPRS04, GZG+17, KDH08, WHS+18]. Interference-aware [KDH08]. Interleaved [NC09]. Interlock [CCK88]. Interlock Aware [NC09].

Intermedia [YYLC11]. Intermediate [DT02]. Internal [Bal90, JZK04]. International [OY13, Ros07, Sni03, Wee01]. Internet [Bar05, BJ18, KA08, MXSL12, MZZC12, PJ18, She09, TB90, WLID02, WCCH18, XO05, YWJ+18]. Internet-based [She09, XO05]. Interoperability [AZW13]. Interpretation [FAGW95]. Interpretive [PH00]. Interpretive [PH00]. Interprocedural [HHKT96, CK88]. Interrupting [AST12]. Intersecting [FSV17]. Interval [CI03, PT01, Sch87, BBCQ13, MHLZ16, Sta04]. Interworking [WH08]. Intra [GM13, Kan05]. Intra-node [GM13]. Intra-procedural [Kan05]. Intrachip [MCM+11]. Intrinsic [PAS15]. Introducing [CCE+17, Ada17]. Introduction [AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, Gau06, GC95, Her92, JW94, Kr92, KRS14, Lin93b, LK11, LR05, MC93, MGS+06, MKN14, NT90, OW01, PN97a, PN97b, PA96, PRS14, Sch90, SH92a, Sto90, BG90b, TY95, IB04, TFV+15, WW03, WC05]. Introductory [Bog17]. Intruder [ISAZ07]. Intrusion [BN02, WL11, LLY08]. invalidation [OFS03]. invention [MC03]. inventory [GAOHG17]. Inverse [CTZ99, Lla17]. Inversion [SW96, mYyF92]. Inverted [WJ12]. Investigating [LCB16]. investigation [CD95, GKS15, PHW+13]. Investigations [Sch13]. Invited [Ano01n]. Invocation [BBB+06]. Invocations [BVG14]. IoT [VS18]. IOV [DYL+12, GRJ+15]. IP [HZY04, HC09, JP09, JBY+05, KERUM04, LAZC00]. IP-Based [LAZC00, JBY+05]. iPACS [KCR14]. IPDPS [OY13, Ben15, Muc13, Pan09, Phi13, Rob09]. iPSC [DHR96, FPD93, SMKL93]. iPSC/2 [FPD93, SMKL93]. iPSC/860 [DHR96]. IPv6 [WZ13]. IRISGrid [VPHML06]. Irregular [Ano96i, DUSH94, FTP+14, FR98, FBK98, FY97, KK98a, LWP02, MRRV98, Nic94, NsP02, PGRF17, RK95, TFV+15, WP02, AM13, AC16, CB06, FCP+15, GRR+05, LWC15, MSZ10a, MSZ10b, PCMM+17, PA15, SPBR91, TP18, ZSW14]. Irregularly [MNM98]. ISA [KNHH18, SSFP11, SPC+17, SM08]. Island [CGKK97, GB06]. Island-Based [CGKK97]. islands [dGP06]. islands-based [dGP06]. Iso [KF95a]. Iso-rectangles [KF95a]. ISODATA [DSAUM99]. Isomorphism [GS99, KW02, Pla13]. isosurface [WJV07, ZB09]. Issue [AP03, AL99, AS13, Ano95i, Ano96j, Ano96i, Ano97j, Ano99g, Ano01e, Ano02v, BD00, BS09, CH92, CDJL09, CDJL11, DOP98, Dek00, DT92, ES97, FTP+14,
FR98, GC95, GMSS+11, GS01a, Gra09, JW94, KRS13, KRS14, KRS01, Lan09, Lin93b, LK10, Mir91, MNK12, NT90, Ola01, PN97a, PN97b, PA96, QGB+17, Sch90, SH92a, SB97, Sto90, SFC17, TFF+15, BG90b, TY95, Wee01, XMMD17, YW91, ZO97, AB03b, BOP06, BS11, Cuz11, DF12, FPS11, FPS12, Gra10a, Irw88, IB04, KL08a, KL08b, LZ11, Las12, LK11, MSGS+13, MKN14, PRS14, RLA+16, RLA+17, Raj08, SXZ06, TH11, WW03, XJS03, dVCP06].

Issues [Ano95j, Ano00e, Ano00f, Ano00g, Ano00h, Ano01a, Ano01b, Ano01c, Ano01d, Ano01e, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano96l, BAK03, GCY04, TB90].

Item [AAP01, San99].

items [LT10, ST14].

iterated [KHW13].

Iteration [BW96, CC87, RS92a, YBX13].

Iterations [AR97, YS11].

Iterative [Bah00, BSS99, CTD99, CHR94, ESMG96, IPK85, "UD96, WB96, BDRB14, CF88, CRC+02, FGG08, KMS+06, NVK+11, VGAB08].

iterator [Lon04].

iTPS [TDC05].

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

Jacobi [EP90, HBAD15, HS17, MVV91, MVV94, RS08, ST87, TYA16, ZB97].

Jacobi-Type [MV94, MVV91].

James [Ano92c].

JAVA [MS00, AST12, AFT+00, BVGV14, CCK+08, Dek00, GCB+00, GLC01, HR00, HS00, JM00, MWL00, SCB09].

Java-Enabled [MWL00].

JBSP [GLC01].

JDCP [MSGS+13].

Jean [Ano96l].

Jean-Michel [Ano96l].

Jerzy [Ano96l].

Job [FKSW97, Li05, TDBL13, EHL+15, FCC07, GRDB05, GMVRGS16, GYY+14, LC90a, MLK+16, MS86].

Jobs [CB02, CL91b, HSH10, LYW+16, LF03, MLG05, QJ05, SF05, SHC14].

Join [HTL99, LT94].

joins [CG86, CTKA17, CKWT17].

Joint [AAA+10, AF06, ABE+14, LYW+16, LZX11, GDL+11, ZY12].

Jones [NHO*13].

Jordan [Dav17].

Josephus [LH05].

Journal [Ano99g, AS13, Ano97j, BS09, CDJL09, Cuz11, FTM+14, FPS11, GMSS+11, Gra09, KRS13, Lan09, Las12, LK11, MSGS+13, MKN12, TH11].

JPDC [LK11, KRS14, MKN14, PRS14].

JPEG [CD95, WLCZ15].

Jumping [HIKM94].

Just [FKLB08].

Just-in-time [PKLB08].

juxtaposition [BKS91].

JVM [AC16].

Kalman [LWOG02].

Kapelnikov [Ano92a].

Karhunen [FSD04].

Kautz [CC94].

KDE [EHL+15].

Keep [LFS16].

Keeping [Bal90, PBB+17].

Kernel [MBBD13, GM13, IBP08, KC17, SK91, dSAJ15].

Kernel-assisted [MBBD13, GM13].

kernelized [PDP17].

key [BCD+15, GCS06, GTGLSA12, GMXA07, LA10, LLW12, REK10a, REK10b, S2MK13, SB04, ZWQ+16, ZHT16].

key-based [GTGLSA12].

keys [PPC04].

keyword [HWL18].

keyword-aware [HWL18].

Kinetic [RW01, LMB+17].

Knapsack
knapsack-based [WYW15]. **Knapsack-like** [FR96b]. **KNEM** [GM13].

Knowledge [CHGM01, DL99, EHS94, KKS+12, MS15, YL12].

**knowledge-based** [YL12]. **Kohonen** [VM95]. **Kokkos** [ETS14].

Kronecker [JD12, LNW+12]. **Krylov** [BSGM90]. **Kutta** [KR06].

L [Ano00d, CS93b, CP04a, CRJ10a]. **L.** [Ano93e]. **L2** [KK11, Zha11].

**L2-prefetch-caused** [Zha11]. **Labeled** [FM96]. **Labeling** [HHM94, KR98, SR94, CP04a, CT94, KRKS11, TMK+17]. **LABS** [LDZ+14].

**LAD** [DFP06b]. **LaDAR** [YWAT13]. **Lagged** [Alt97]. **Lagrange** [Goe94, SAOKMA02, ZC92]. **Lagrangian** [Kal04, BHLT14, Kal04], **lags** [LY91].

**Lamport** [Lo92]. **LAN** [HWW96]. **LAN-Connected** [HWW96].

Lanczos [Bas97]. **Landmark** [XHG03]. **Language** [BCD95, BBH+01, KBC+01, KRS13, KRS14].

Large [ABDS02, Ano92c, BP01, BMCP98, Efe96, Fag92, GK98, GK93, JH92a, LK98, Lin93a, OK1, PTZ06, SR95, SM04, VN93, WRC+02, WBRT13, XMDM17, AM13, BMB+08, BKC+15, BA06, BMF05, CC16, CS06a, CLOL17, CTKA17, CVJ09, DV13, DB11, DBCF13, DHK04, DLW+12, HRC09, KESA07, KSSL16, KSJC17, KKC+10, LGZ+10, LYL08, LZY11, Lon04, Luc18, LWCG14, MYM10, MVP17, NAB+11, PP13, PDB13, PK07, RW02, SS17, SMT15, VM03, WCWO17, XHY07, YH07, YO11, ZV09a, ZVL11]. **Languages** [BS90, KBC+01, KRS13, KRS14]. **Large-eddy** [SM04]. **Large-Scale** [ABDS02, BMCP98, LK98, OK1, VN93, WBRT13, BMB+08, BMF05, CC16, CLOL17, DB11, DBCF13, DLW+12, KESA07, KSSL16, KKC+10, LGZ+10, LYL08, LZY11, Luc18, LWCG14, VM03, WCWO17, XHY07, ZV09a, ZVL11]. **large-size** [CVJ09]. **large/irregular** [AM13]. **Larger** [Mah95], **largest** [Deh90]. **LARPBS** [DR09]. **Last** [Tay02, RFPA08, SS17]. **last-level** [RFPA08]. **Latency** [GS00, HF02, KUFM02, LDZ+14, MR94c, MG91, RJY96, THGY15, ZHY94, CRD12, CM12, Dav17, IS06, KS03, NCB+17, PRHB06, RM11, SLKK12, TVT+17, WL92]. **latency-tolerant** [NCB+17]. **Latency-Tolerating** [GS00]. **lattice** [GS00, IBP08, WCO+09]. **law** [NZ17, SC10, CN14]. **Laws** [FLS+97]. **Layer** [BNSP99, KNS06, PKW+10, WCL+13, dIAMCFN12]. **Layered** [DDD98, SSK06, CI03, LHF91, LL12a]. **Layers** [ZAW94]. **Layout** [MB96a, KMC16, LGK+12, MLG05, Str12]. **Lazy** [GSC96, MYD95, DS04b].

**LDU** [MVV91]. **LEACH** [NSA11]. **Leader** [AS96, SS05, DLV11, DGDF10, Pel90]. **Leaders** [SK94]. **leakage** [KK11, NKV14]. **leakage-aware** [KK11]. **Leaping** [KM17]. **Learning** [BM11, CW92, MBG+17, WT92, AC89, EM11, HSS17, HHK15, LGZ+10, LHHH11, MS86, MCZ14, NZA13, PSGS17, RT18, RSCQ17, SM08b, TXLL14, TM10, Tor89, Upa13, VM95, WRW13, XRB12]. **learning-based**
LL98, MDD97, MP96, NSLK99, NFEG97, OB98, PB99, QY94, SBÇ¹2a,
SH92a, SHT+95, SB97, SBAM96, TSHH01, TT98, Wan96, WS97b, XYKA08,
XL92, XI93, XL95, ZLP97, ZXP09, ZM94b, vS91, AES11, AGMS04,
ACCP12, ASES15, BCV05, BFH09, BFMT+18, BRPR06, BD04, CSWD03,
CBD+09, CVC90, CRC+02, Cyb89, DB11, DLW+12, DW04, DM94,
GRV08, GLC14, GC05, HJ90a, HLM+90, IC05, IS06, JL05, JL11, KNHH18,
KKS08, KC04, LTB02, LTL06, LHKL03, LY91, MLDG12, MPV12,
MVB05, MTS90, Mit07, MGG03, NHO+13, Nik03, PA04, RN04, SU87,
SB15, SX08]. load [TBZB05, TKHG04, TVT+17, YJL16, YAA10, YMLP14,
ZV06, ZSW14, ZLMC14, dG91]. load-adaptive [TKHG04]. Load-Balanced
[LT94, NFEG97, XYKA08, YMLP14]. Load-Balancing [DHB02, FM99b, HO94,
HC97, Wan96, SBCÇ¹2a, ZXP09, NHO+13, YJL16]. load-sharing [SU87].
Loads [KC95, VB02, CG12, GRV08, HV13, KVA18, LML+10, MVB05, ZV06].
Local [AD02, BSS99, BCD00, CGL+95, FLS+97, HR00, SR94, ADD17,
AK07, BMARW07, CKN07, GJG88, GTGLSA12, LMJC11, MS88, MAR05,
ROB+18, Sch13, WWW17a, XCS06]. local-spin [AK07]. localities
[GJXZ05]. Locality [BS96a, CL96, FJG06, GXYZ13, JL11, KCRB99,
KR00, MNB95, SCM99, SHT+95, EHL+15, FPP06, Kan05, KR06, LK13,
Ozt11, SZD07, SKK14, SRT+18, WLL08, XCZL03, ZWQ+16]. locality-aware
[EHL+15, SKK14, XCZL03, ZWQ+16]. locality-cognizant [LK13]. Locality-sensitive
[IL91, SRT+18]. Localization [DFP06b, AKBD10, CCW14, CRWX12, DLLL11,
LDS16, MKM16]. localized [CA06, KNS06, LS03]. locally [AKM+07, LFZ+17,
XHZZ16]. locate [DWX10]. located [SBÇ¹2a]. Location [KER01, Li17, LS03,
LAGK07, MMRS98, XCLR07, ABF+14, BJL18, CZ90, HCM11, LLDL15,
OJP+18, TZ07, TZ111, TDC05, TR16, ZMC06, ZHO03, dOGB+15].
location-aided [ZMC06]. Location-based [LS03, ABF+14]. Location-centric
[XCLR07]. location-free [dOGB+15]. Lock [DR98, SSDP+10, ST08b, CB06,
Dim91, HSY10, HA06, ST05, XO05]. Lock-free [SSDP+10, ST08b, CB06,
HSY10, HA06, ST05]. Locking [MS98, XO05, DM04, LZX11]. lockless [HMBW07].
Locks [JNW96, AFA13, CG10, UBES10]. Lockup [SD91]. Lockup-free [SD91].
Loève [FSO04]. Log [NTA96]. Logarithmic [NAS94, OW095, AF17].
Logarithmic-Time [NAS94]. logging
[CZZY09, DWG03, JLM08, MMCL+17, MMCL+17]. LogGP [AISS97].
Logic [Afv93, CC91, CBD00, Mon94, NVK14, Tan84, DeG88, FPM+14,
MLZ17, MV88, MC91, NAK04, SK90, WF89, XYZ14]. logic-oriented
[SK90]. Logical [AK03, YMG01]. LogP [AISS97, BHPP05, RGD03]. Long
[AISS97, G095, LKM12, Lin93a, KVN17, MBR08, TDC05]. long-distance
[MBR08], long-range [TDC05]. Long-term [LKM12]. Longest
[MS99b, PK04b]. Look [PL93, SHL+13, TG04]. Look-Ahead
[PL93, SHL+13, TG04]. Lookahead [NIR86, SF05]. Looking [LKD14].
lookup [JP09]. Loop [AMB95, BCH95a, BCZ95, CG02, DR95, DS95b,
loop-carried [NCT07]. Loop-Free [CG02]. Looping [Ano92a, KME92].
Loops [CCC90, CWW96, DRR96, HS93, KK95, KBG92, SCMB90, SG99,
Xue97, CS87, SGE91]. Loosely [SKR93, AjHcC90, BMF05]. losses
[HZA+15]. lossless [CW15, PY09b]. lossy [GYP13]. lost [LdSB+18]. Low
[AZ01, Ano92c, AEY12, CM12, Dav17, IKS87, JH92a, JNW96, JLRA97,
KS00, MC17, MHC95, SD00, ABO+17, CBP02, CL09, GE85, GJXZ05, KS03,
KK11, MGRK14, NKV14, Pf90, RM11, SZ09, Sol13, SLWV05, YGZ+10],
low-area [ABO+17]. low-complexity [Sol13]. Low-contention [AEY12].
Low-Cost [AZ01, Ano92c, JH92a, JLRA97, CL09, GJXZ05, YGZ+10].
Low-Density [MC17]. low-latency [KS03]. Low-Level
[ABO+17]. low-memory [CBP02]. Low-Overhead
[SD00, SZ09]. low-power [KK11, MGRRK14]. low-resolution [GE85].
Lower [BMRC98, JR95, LPS+98, TC96, WW97, FT04, ITT04, NDP13].
Lower-Dimensional [TC96]. Lowest [MAKWZ13]. LPAR [BK95].
LQ [BBM+02]. LQR [ZMZJ17]. LR [CB96]. LTI [AD12]. LTL [BBBC12].
LU [OT86, She06]. LXCloud [LACJ18]. LXCloud-CR [LACJ18]. Lyapunov
[MV94, QvdG01].
M [Ano92a, FC95, LZSL06, ZBF05]. M-TREE [LZSL06]. M-VIA [ZBF05].
M2M [TKG+17]. MAC [CHC09, GZY14b, Los08, TLY12]. Machine
[BG86, BDHF90, CA95b, LWOG02, MB93, RSCQ13, SY094, SR97a, SR97b,
TYS09, TKG+17, ZL93, AES11, BH86, CL14, FMIF18, HS86, HPS91,
KHT+14, KNS91, KA89, Ros85, SM86, Upa13, WF89, ZG13, CM93, CRFS94,
CGSV93, EHS94, LAD+96, LST+13, LTD+93, Sab94, TKG+17]. Machines
[BR96, BPN90, CBR96, CWP98, ERL90, Gup92, GKHS96, HK96, HB97,
HLJ01, KRC00, KHS96, KL90, LWY97, MK92, PAM94, RS94, RWK95,
RG00, SSG93, SCMB90, San02, TQA97, YFS+15, Zak01, AE88, CG11,
Fen90, FX06, Fu10, GA90, IKS87, KR10a, KR10b, Koc91, KP05, LC91a,
Mar88, MAR87, RT18, SW90, Ume85, ZA91]. macroeconomic [BMB+08].
macropipelines [WAS88]. magnetic [CCN06]. Main [DM99, BBH+17].
Maintaining [HS94a, LMP10, LY98, YC04]. maintenance
[CDCD05, MAPF14, WDDK09, XO05]. Major [SSL04]. majority [ZWS09].
makespan [LZ05, SS+07, TFMS15]. Making [LLT12, LFA96, VR95].
Making-a-stop [LLT12]. Malleable [FZWL12]. malware [TY17]. manage
[ASD09]. manageable [dAMFeS13]. Management [AS13, AS15, BR02,
CXX00, CY99, HILLY95, HTL99, JM00, KER01, LIZ02, LO96, RDS02,
SRB01, TJ92, WLLD02, YD98, ZRC99, AM11, BGVS14, CKMP17, Fu10,
FX10, GPT06a, GJG88, GBA08, HCM11, HMV07, HCO9, HHS12, HSL04,
HHK15, JWH+17, KK11, KLI+11, LCC+05, LC11, LAGK07, MBS+12,
MLMSMG12, MCP+18, NAB+11, NTC03, OJP+18, PY09b, PF04, RWB+13,
RAN+17, SNMB16, SDDTD04, SS08, SB12, SK05a, SL06, TZ07, TZZ11, TB90,
WYW15, WZZ+17, XRB12, ZMC06, ZV12, ZHO03, dKG+10, SHSH17].
manager [Gai87]. Managers [AB84]. Managing
maximize [SSFP11]. Maximizing
[MSC96, Ros99, AH06, CDR12, DW12, KNS06, Li14, MA11]. Maximum
[Als01, AS95, BLMB13, DDD98, FTL92, HP06, KEA95, Par98, nYf92, AFD+11, SM98b, WMW09]. Maximum-throughput [BLMB13]. maxmin
[ZLCJ12]. may [STKW12]. Maze [EL97]. Mbps [MLW+97]. MDS2
[ZFS07]. me [MPS16]. Mean [BA92, JBM91, LZ05, XBK07]. Means
[DBCF13]. Measure [ASR93, Kav93, PS93, SK99a]. Measurement
[FPD93, KL01b]. measurements [ASKTZ13, JKIE13, JZK04]. Measures
[GRR93, DGBN14]. Measuring [ZYH94, Dl91]. Mechanism
[Bal90, BCD00, JSM94, CG12, CMR+18, CCW14, GYY+14, GVA+08, HCM11, K011, MBO11, Pm011, RA11, Se09, X005, Yf07, ZBW+17]. Mechanisms [KPC96, K99a, ASKO16, KV10, ALLM11]. Media
[WUG09, HK05, KLP10, XYDL06, XHY07], media-based [XHY07]. Median [CCC92], medical [CCN06, KDO+13, TSD08]. Medium
[MSST99, KGN11, WLNL06]. medium-scale [WLNL06]. membership
[LC14b]. membrane [Ylz18]. membranes [PMV05, PMV06]. Memoriam [An00r]. Memories
[CH92, PH91, Sia95, Yan93, GKK+13, KR17]. Memory
[AD95, ACD+93, AMN00, Ah97, ADS98, AS91, BR96, Bas97, BS96a, BCLR96, BF97, Bit92, BCR96, CB95, CP91, CWP98, CA95b, CJ99b, DS95a, DY99, DA97, DUSH94, DP00, DH95, DM99, DT92, EP90, FY97, GAG+92, Gra09, Gup92, GKH96, GHS96, Haw97, HMR15, HPT02, HA92, HA05, HJ01, IWM97, JF95, KRC00, K97a, KHS96, Ke100, KC94, LWY97, LK98, L01, LA93, MF94, MR94c, MS98, MG91, N97, OS98, PH96, PAM94, PA96, PB99, PL95, PY96, RL96, RSB96, RW95, RJ96, RGS00, SL95, Shu95, SS9a, S9s, Soh96, SC91b, SB84, SN93, TJ92, TTT95, TY95, VSIR91, VS16, VN93, WW96, WD94, WI92, YW91, YMR93, YB01,YL98, Zak01, AM13, AL04, ACHY18, BC06, BBM08, BB+17, BJS03, BS92, BGM+08, BCF+94, CBP02]. memory
[Cara95, CC16, CG14, CI09, CPO+03, CK91, CDAN14, Cyb89, DFP06a, DT11, DI91, ETS14, EKSN17, FZC+05, FJC04, FW+10, FLC14, GJG88, Gra10b, GL90, HDMC11, HGFF10, HMBW07, HHA14, Hus17, HC91, IH16, IRR96, ITT04, JH91, KKR14, KRM14, KKLJ14, KMS10, KP05, LL90, LC91a, Lo18, MTV10, MSK+16, NSTN91, Nk03, No12, Pd91, PK05b, PL03a, Pop91, QG+90, QGZP17, RFPAG08, RH12, RSCQ17, SYU07, SB15, SZD07, SDS10, SM04, TW89, TGPUC16, WL92, YGY+10, YLB09, ZPK+14, ZLWL12, ZFL89, MP10]. Memory-Access [Bit92]. Memory-aware [HMR15]. memory-based [No12]. Memory-Bounded
[SN93]. Memory-Electric [IWM97]. Memory-side [HA05]. memoryless
[BKMT14]. Merge [NT93, SM00]. Merging [VSIR91, AY09, DO89]. Mesh
[AP94, Ann94, AD+94, yCM98, CCG92, CWW+95, CLT96, CY96, CDP95, EL97, EHO1, FZVT02, Fer93, GPJA10, HHM94, IM00, JF95, JS94, JB98, KB01, LLJ00b, LME95, MD01, MP96, Moh96, Nak95, NSSS99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, ZH92, ZYO02, ABC+09a, ABC+09b,
BB85b, CL03a, Car90, CWL+07, Dja04, DAB+14, Efe91, FLL14, GDL+11, GH89b, GA16, HWWH08, HWC08, HR89, HR90, KKK11a, KDH08, KT91, Lz08, LC90a, LC91b, Li06b, LC11, LWLD12, Los08, LVB07, LV88, MLG05, MBR08, NPGV10, PB90, Raj04, Si86, SS89, SC91a, SS10, SS94b, SZ03, VHH08, WCXL11, WH08, WBRT13, XYKA08, YSL08, FC14]. mesh-based [CL03a, LVB07]. Mesh-Connected [Ann94, ADM+94, yCM98, CCC92, CWW+95, CY96, CDP95, Fer93, HHH94, MD01, Zhu92, ZYO02, BB85b, Car90, HR89, HR90, KT91, LT88, PB90, Si86, SS89, SC91a].

mesh-NoC-based [FLL14]. Meshes [BLPV95, BPvW96, BA97, BSDE96, BM97, BOSW94, BOS+95, BGOS95, CW00, COS+95, CL96, DS01, FF98, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NPI+96, NS94, OS97, OS96b, OSZ98, OB98, RFW93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY+00, BG16, BM04a, CI03, CZZ+17, DV13, GLD06, KLC05, LWCC15, LXLS12, Mat06]. Meshing [YIY97].

Message [Ano94e, Ano95k, BB93, BKT95, BDH+97, CW92, CZY90, CD98, DMSH90, dADB96, GBES93, GHS94, GHS95, GHS97, HNM02, Isl97, Kar92, LB96, Li92, LW95, MMCL+17, MD92, PY96, Pra16, SCMB90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BPW05, CV90, CPA+11, DDNT10, FM07, GH89a, GKO4, HZA+15, Hal05, IRS16, JLM08, JZZ+17, Kak15, KMS10, KS13, LR06, LR03a, PS14, She06, TW87, TGPC16, vS91, KTF03, PS01].


Meta-rules [SWC+91]. meta-scheduling [GVBB13]. meta-task [D006]. metacomputers [Li05, LCM+06]. metacomputing [BGH+03]. metadata [HOE+09, ZV14]. metaheuristic [MMK+11, ROB+18, TLW18, WMG13]. Metaheuristics [TH11, TH13]. Metalevel [Zim96]. metaphor [SK89b]. Metasystems [GWWL94]. Method [AC16, BC94, GH92, KLLK98, PB99, WS97b, XL92, XL95, ZYH94, AST12, ABC+09b, ATD13, BFH09, BR91a, BBB+06, CLC+17, CW15, DM17, KP95, LR14, Lu88, Mit07, MVP17, MRT18, ORR03, SLS+13, SMKL93, WCKD06, XWC+08, YLL17, ZB03, dAMCFN12, PPTV+10].

Method-Level [AC16]. Methodological [Bev02]. methodologies [DMS+16, PSGS17]. Methodology [Ano92a, BJ99, KME92, LR93, MB92, NMS93, PA94, PA01, SKR93, SK93, CSJ+13, Che86, DSEP17, GL89, KME89, LdSB+18, MSAZ10a, MSAZ10b, OMT+17, PF91]. Methods [Bas97, BSGM90, BR95c, Cas93, FGKT97, GL92, Kap93, KB01, Par92, SHT+95, Wor93, XH93, BDjQ86, BM08, CEGS07, DKUC15, EE05, KG04, LWCC15, PAS15, SWP90, SSZ10, UAPM07, VGAB08]. Metric
Mobile-Process-Based [SMR96]. Mobility [FCF00, GCB+00, KO12, BEN12, CKT11, FX06, HC09, RKK06, RBP+11, SK05a]. Mobility-assisted [KO12]. modal [AM11, BWP+11]. Mode [NDZA99, WSA+94, BKS91, FCS91, YZX11]. Model [AGW01, AISS97, AM17, Ano97k, BPJG92, BA97, CC91, DL98, DKUC+15, DG94, DF94, FTL92, Ga03, GS98, GDN+98, HK96, HR92b, HR92a, JRR99, KSP+92, KCV99, MRRV98, MNB95, NDZA99, OKB95, QY94, SANY94, SAC+98, SSK96, WSA+94, YZS96, eW95, AAH17, ASKO16, AHZ11, ASES15, BMB+08, BBBC12, Bic90, BG05, CBD+09, CH06a, CAK13, CDJ+89, CRC+02, DZC17, DJH11, DKC14, DRT07, GJ12, IEWK17, JLWX11, Kal04, KyLPC17, KC17, LR14, LMGLGLG17, LFH03, LZY11, LTKS90, LA06, LGK+12, LXZ13, MM06, MMVL11, NSKN17, NTS19, NJ91, O005, RSR04, RHH12, SSS07, SL90, SK05b, TR89, TJC010, VHH08, WWW17b, XYZ14, YJB91, ZA91, dR09, GB06, KR11]. Model-Based [KSP+92]. model-driven [ASES15, LGK+12]. Modeling [ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DI91, FMW+94, GHC+17, JZ05, JZK04, KNS91, LP96b, PLD14, Pat01, PMMMA15, QSY95, RP98, SCM99, SFT+13, SCK03, SS00, TK07, AP91c, FX06, HES11, JWH+17, Joh01, KME09, KKK+11b, LWCC15, LC13, LF03, MCM+11, MSAZ11, NSA11, ORWT+18, RA11, SV08, YL12, YZW+15]. Modelling [Wu11, HNSA07, KME89, KKTZ13, SAOKM03, Sie16]. Models [AGW01, Ano96l, ABM+92, BDF92, Bir94, BSS99, BHR95, CDY97, CDF01, Cuz11, Cuz13, GAC+92, MM00, MLC+90, RHH96, SM92a, SSOB02, SM92b, CkJLCK04, CkJLCK05, CIA09, DHK04, GLGBG12, Har91, HK05, KJE13, KNNV17, MMAL+06, N101, PL03a, PF91, Pop91, Rao16, SS06, SIR14, TJC010, YQTV12, ZZ90, dG91]. modern [EF+14, YFS+15]. Modes [GGW96, SSG93]. Modifications [PM92]. Modified [WS97b, ZLRR91, GLW14]. modify [CH06a]. Modular [AM95, DD93, FC95, RAS96, BM17, CB90, Dja06, ZBW+17]. modularity [GK04, LK15]. Module [AM97b, EL91, MC91, ZFL89]. Modules [DP00]. modulo [YL90]. Moldability [CB02]. moldable [SBG+12]. Molecular [ES96, NPY+97, SPvH03, TSA97, FGM+03, PARB14, PTK+13, WYTX13, XLHT13]. molecules [BOT13]. moment [RMU14]. moments [TRS+12, XLH18]. Monitoring [CSMML10, MLC+90, ST14, TC97, ZNQ93, ASKO16, ACPT15, CL14, CK08, FEP+14, LFS16, SB12, WZQ+13, YT05, ZFS07]. monitors [TH08]. Monotone [HJDH01]. monotonic [MAHKZ12]. Monsoon [HC93, NCA83]. Monte [Bro96, PAS15, ZS13]. MOOC [MBG+17]. morphological [SSL04]. Motif [MSJ05]. Most [BS97, HH98, TASS+01]. mother [MC03]. motifs [RS12]. Motion [CP92, RR95b, OPG08]. movement [AKBD10, KSB11]. movements [CTK11]. MP [CDH84]. MPEG [AAL95, CL95]. MPEG-2 [AAL95]. MPEG-Encoded [CL95]. MPI [PS01, ATM01, BA06, BDH+97, CEGS07, DPS05, DPSD08, FKL08, GM13, HCF05, KLY05, LC97, MBBD13, NES01, NBC+17, PARB14, WNL06].
Zah12, dIAMCFN12]. **MPI-2** [DPSD08]. **MPI-CUDA** [dIAMCFN12].

**MPI-FM** [LC97]. **MPICH** [KTF03]. **MPICH-G2** [KTF03]. **MPP** [DM90a]. **MPSoC** [FLL14, LZLX11, OMT+17, ZXYO11]. **MPSoCBench** [DMS+16]. **MPSoCs** [LW16a, TBG+17]. **MR** [MF94]. **MR-1** [MF94]. **MRI** [GOH+13, SHT+08]. **MSA** [BFKW13]. **MST** [Ber95]. **Mukesh** [Ano96l].

**Multi** [ACU08, BG86, BBH+17, BA95, FPF14, LK15, MAM05, MCM+12, MNP98, OMT+17, PKN10, PVRS17, SR88a, Ser97, SM00, VLL+14, WW96, Wi92, YMG01, AHZ11, ADDB18, AGMJ06, BSW07, BWP+11, BLMB13, COV13, CMMT13, CCHC09, CLL09, COF+17, DMCFCM03, DWYB10, FCW11, FCZ+12, FM07, GDL+11, GKS15, GCS06, GZY14b, GB11, HRM17, Hu11, Hus17, ICQO+12, IH+17, JI12, JLWX11, JV06, KVA18, KSG13, Kep03, KVHS07, KKN13, KN18, Kum17, LKS14, LL07, LSS+11a, LSS+11b, LZY11, LNAL17, LS03, LSC+15, LY13, LPLFMC+12, LLS+16, Man13, MB13, MPV12, MZC18, MPN17, MAHKZ12, MGRRK14, ZZC12, NDP13, NFHL13, NVK+11, NC09, PYP+10, PKW+10, QSL+08, QGL+09, RLA+16, RLA+17, RB12, RR05, RA11, ROB+18, SNMB16, SFT+13, SCB09, SHL+13, SSZ10, SAJ13, SMB10, Sta17, Str12, ST05, TGPUC16, TRS+12, Tr09, TCHC12, VBDRC13]. **multi** [VFAD17, WCL+13, WQL14, WQZ+13, WH17, XL11, YZS15, ZMG+16, ZXB14, ZLS17].

**multi-/many-core** [KSG13]. **multi-accelerator** [ICQO+12]. **Multi-Agent** [Ser97, YZS15]. **multi-attribute** [LSS+11a, LSS+11b].

**multi-bank** [QGL+09]. **multi-budgeted** [Sta17]. **multi-channel** [TCHC12]. **multi-cloud** [KVA18]. **multi-cluster** [NVK+11, SHL+13].

**multi-core** [BLMB13, CMMT13, DWYB10, GKS15, Hu11, LKS14, LNAL17, LSC+15, LLS+16, MAHKZ12, MGRRK14, RLA+16, RLA+17, SNMB16, SFT+13, SCB09, SAJ13, WQZ+13, WH17, ZXB14]. **multi-cores** [TGPUC16]. **multi-CPU** [TRS+12]. **multi-criteria** [LL07]. **multi-device** [VFAD17].

**multi-dimensional** [NBP98, DMCFCM03, GB11, KVHS07, KKN13, KN18, LZY11]. **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, BSW07, FCW11, FCZ+12, JLWX11, MPV12, NC09, RB12, ZMG+16]. **Multi-level** [ACU08, OMT+17]. **multi-link** [FCZ+12]. **Multi-Mesh** [SM00]. **multi-message** [FM07]. **multi-modal** [BWP+11]. **Multi-objective** [FF14, ADDB18, COV13, COF+17]. **Multi-operand** [SR88a]. **multi-party** [GCS06]. **multi-pass** [MPN17].

**Multi-path** [VLL+14, LS03]. **multi-phase** [Man13]. **multi-policy** [SMB10].

**Multi-processor** [Wi92, LY13, RR05]. **multi-processors** [JI12]. **multi-radio** [FCZ+12, GDL+11, SSZ10].

**multi-railing** [PKW+10]. **multi-rate** [Hu11]. **Multi-Ring** [BA95, BG86]. **multi-robot** [IH+17]. **multi-sensory** [HRM17]. **multi-service** [RA11]. **multi-target** [NDP13].

**Multi-tenant** [PVRS17]. **multi-thread** [DWYB10, ST05]. **Multi-threaded**
Multi-tier [MCZ14, MZZC12, WQL14], multi-unit [XL11], multi-valued [Str12], Multi-Version [WW96], multi-year [Kum17], multi-zone [AGMJ06, JV06], multi/many [Trä09], multi/many-core [Trä09], multiagent [JL11]. Multibody [JBL02]. Multicast [AZ01, ABP92, CLZ02, GK98, LEN90, Lan94, LHBB+01, LME95, Mck94, RJMC95, RMC97, SY01, WB01, Yan00, CS08, CWD11, DDG+17, GZMC08, GS03b, HI07, KD08, LMZ04, LHT08, MAGL13, MK08a, PY09a, RA11, SKMM04, WW12, XLG+06, YF07, YCH+10]. Multicasting [BETD94, FF98, Gon98, GS01b, LBT94, WE13, LSXX14, WCC02, XCS06]. Multichannel [HP97a, Mck94]. Multicasting [BETD94, FF98, Gon98, GS01b, LBT94, WE13, LSXX14, WCC02, XCS06]. Multicomponent [RW01]. Multicomputers [AGF94, CSSY94, CW92, DY99, DFRCU99, GGD93, Lan94, LME95, LEB98, NSL99, OK01, PHB96, RS92a, RSB96, SP96, SCC92, SB84, Swa98, TJ92, WN94, XH91, XMN92, YB01, GH99a, HSMB91, RS90a]. Multicore [PSGS17, ABC+09b, BM17a, BSS+13, CN14, CP17, DKU15, FW+10, FCP+15, GZ+17, KHT+14, KyLPC17, KNNH18, LK13, LLLC15, LM16, MBBD13, ND12, NZ17, PP13, SSFP11, SPC+17, SP13, SC10, WLT16, WCO+09, PPP14]. multicore/many [MBBD13]. multicore/many-core [MBBD13]. Multidimensional [GC01, LS94, RS92a, KT91, LB98, PMV+05, QSL+08, SC91a]. Multifaceted [Won99]. Multifluid [LW16b]. Multigauge [LR94]. Multigrid [MT96, MHC95]. MULTIPASS [Wan96]. Multiple-Pass [Wan96]. Multiple-Writer [KS97a]. Multiplex [PXG18]. Multiplexed [HP00, HRG+11]. Multiplexing [AM95, PD92, QMCL94, QM01, ZLPP01]. Multiplications [Fag92, Li01, NFEG97, ASES15, CLR90, EL91, ITT04, LV15, MBW16, MPG17b, PR13, SK15]. multiplier [MS87]. Multipliers [SRK95, BOI91].
Multipole [SHT+95, YB01, KP05]. Multipole-Based [YB01]. multiprecision [MS87]. multiprefix [Coh90]. Multiprocessing [CDH84, MBK+92, ABC+88, JS86, ZWL12]. Multiprocessor [BW95b, CKL99, CP01, DS96, DRC90, DFN+94, GH90, GMM00, HP00, HC95, HN91, KS97b, LVC02, LF92, Lun94, MF94, MMR98, MT95, MMVR97, MD92, OM90, PL95, PM96, PP92, QY94, RS92b, SEP96, Soh06, WF93, XZS96, ZNQ93, AA10, AOSM05, BHR91, BR91a, BS92, CRJ10b, DJ91, DMS+16, GL89, HDT+05, HA91, HC91, JWS14, KA05, Lee90, LHK03, Li16, LW89, LV07, McA89, PK05a, PI90, SK09, SM89a, SYU07, TS91, YL89, ZZ90, ZQMM11]. Multiprocessors [AMB95, AM95, BJ99, Bas97, BS96a, BL96, BC01, BLG01, BC95, DS95a, DJ98, DZDZ01, DT92, GY92, GZ97, HJ01, HA92, KSB94, KB96b, KA97, LK98, LA93, MB92, MS98, MG91, NB93, NS97, NPP+02, PH91, PY96, PT97, RL96, RJY96, SMH94, SCM99, SY01, SDD99, SD00, SC91b, TTG95, VSIR91, YW91, YMR93, YL98, AP91b, BC05, CLM90, CRJ10a, Cyb89, FZC+05, FGP05, Gai90, GL90, HCM11, HRG+11, KA03, KK11, LEN90, LE91, LPK+10, IWCG14, NSTM91, Nik03, RFPG08, SPBR91, SD91, SMH91, SA90, YB90, dOCS14]. Multiprogrammed [MS98, NSS97, NPP+02, YL98]. multiprogramming [DI91]. Multirate [HJDH01]. Multireader [HV95]. Multiresolution [KZ06, ZM94a, CL85]. Multiscalar [VS99]. multiscale [BFL+13]. Multithreaded [BJK+96, BLG01, GGB93, GRS97, KC99a, Lun99, PS01, RNSB96, RSNB96, SAC+98, SSG97, TG99, YMR93, ABC+09a, CN14, LLCC15, NZ17, SLG06, TP18, TKHG04]. Multithreading [BL06, FKT96, KPC96, KL13]. multitonic [Sci05]. Multituser [BAL05, ZRC99]. Multivalued [HV95, HV09]. Multivariate [HK01, MMAL+06]. multiversioned [Ahu90]. Multiway [SM00]. municipal [LHX+16]. Munin [Car95]. Muntz [Ahu90]. MUPPET [MSSS88]. Mutual [AE95, cha94, Cha96, DFGGK05, FTC00, GBB93, KY02, Kak15, KUFM02, NTA96, NM02, Sin93, XLG+06, YZ96, AK07, Ara13, BAS06, CW05, Ch06a, CB06, Gos90, LASS15, MM07c, NTN12, Ram89, RDA18]. MVAMIN [JBM91]. Myrinet [KL01b, QS05].


Negotiation [LL98]. Neighbor [HA92, OS96b, UR94, JHL + 18, KS08, MKC + 09, Wan07, ZMG + 16].

Neighborhood [JdSJC + 15, LYC02]. neighbors [NA06]. Neighbors [NMN + 14, SDG17]. NERSC [R¨OE + 18]. Nested [BHS + 94, CW96, DRR96, HS93, KBG92, Mer96, RSS99, SCB09, AGMJ06, BFTV87, EB09].

Nests [DR95]. Net [BPJG92, BDF92, Chi92, Fer92, SP90, KK17, NM95, WL92]. Netfinity [BAHP01]. Nets [BPJG92, CMT92, ESCV15]. Network [AA93, AAD98, ABM + 92, ABCP96, BBH + 97, BBCD02, BA95, BC01, BF97, BST01, CGKK97, CW01, Cha95, CW92, DLLX97, DSAUM99, DVZ96, DBP94, DPKM01, DH95, ESMG96, ES12, FFK97, FAL92, GRS97, GS01a, GH93, HH97, HPT + 97, KC95, Kop97, LST17, LS97, LK94, LK10, LC96, MM00, MJ94, MS88, NSBD99, OM84, PN97a, PN97b, Pat01, RCY97, RJY96, SM00, SBAM96, SS95, TSC01, Tze91, UR94, WGM01, YZY96, ZLP97, ZMP00, ZW00, dBL95, AP91b, AHA + 16, ARH17, Ano04d, AF06, AM11, BFH + 17, BM14, BCO + 12, BXA08, Bat05, BWP + 11, BJ15, BAL05, BPA06, CMMN10, CMR + 18, CKN07, CLG + 16, CDB04, CWL + 07, CWP12, Che89, CVJ09, DE91, DYL + 12, FK89, Gai87, GJ12, GZMC08, HWWH08, HD10, HWC08, IZ12, IS06, JF12, JXW06, Job89, JZK04].

network [KERUM04, KJD03, KMC16, KO11, KO12, KCD08, KR515, KH12, KO90, KPR88, LT10, LAD + 96, LSS + 11a, LSS + 11b, LB12, LTD + 93, LY08, LTI12, LU14, LY13, JWCG14, Nap90, NS90, NM17, NGQ12, OO05, PL06, RH05, RD05, RCG18, RSL12, SS91, SS95, STK12, SY04, SK89a, Sta17, SMKL93, TM06, TDP15, TCHC12, VM95, VHH08, VR86, VRM10, WL11, WG11, WWA + 18, WIS + 18, YK04, YLZW18, ZWS09, ZY12, ZWRI07, dG91, AA14, SLW10, ZCF + 17]. network-aware [RCG18]. Network-Based [GS01a, OM84, PN97a, PN97b, CVJ9, KJD03]. network-on-chip [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, GCY + 04, Bou03, DWYB10]. Networks [AAD02, AZ01, AS97, ABP92, AM94, AOA92c, AOA93e, AOA00d, AA95, BSS97, BAES92, BCI95a, BETD94, BCD00, BDF01, BCI95b, CP97, CT96, CS00, CAB94, CS93b, CC94, CS95c, DS95b, DHB02, DP99, DS93, DL01, DF95, DZ97, DC94, FCF00, FT94, GGN93, GPJA10, GK98, GHKS98, GO95, GPS96, GB93, GS01b, HIKM94, yHY97, HLCZ00, HJDH01, HJD + 01, JR92, JZK92a, JLRA97, JJ94, KKG90, KL01a, KRSZ02, KAM94, KB96a, KL01b, KR98, KJ84, LT95, LBL95, LYL93, Lee94, LLJ00a, LAZC00, LPS + 98, LWOG02, LHKB + 01, LC14b, LP95, MS00, Man94, MLW + 97, MSH90, MS85, Mck94, MDD97, NRS95, NSSS99, NS92, OD95a, Ola01, OOS5, Oru87, Oru94, OK01, PRW94, PA97, PA01, PL93, Piu01, PKD97, Pra93, QMCL94, Qia97,
QM01, RS96b, RP98, RMC97, Ros99, RLS96, SW96]. Networks [Sei05, SZB92, SL+98, SZ00b, SF90, SCD99, Szy95, THGY15, TVO92, TH02, VB02, WM92, Wan96, WR97, Wan01b, WB01, WP02, WAS95, Wil92, WT92, YWP00, Yan00, YN92, YMG01, YP96, ZZC92, AP91a, ASM09, AGMS16, AAD03, AB05, Amm16, AP03, AH11, AH12, AHG12, Ana14, AMT13, Arb89, AYB+15, ABLP17, ALF03, BFG+03, BM11, BCV05, BSW07, BGLA03, BS03, BWP+11, BOY10, BDjQ86, BHR91, BR91a, BPRS04, BOP06, Bhu87, Bod89, BR91b, BC11, BN03, BJL18, BZLI04, BMIM07, CI03, CM04, CG12, CB15, CC14, CCW14, CNS03, CKN07, CW05, CS06b, CCK+08, CS10, CTC+10, CRWX12, CGC16, CS92, CDR09a, CDR09b, CYZ06, CGG+09, CDCD05, CPA+11, CRSB13, CM93, CKML12, CMS04, CT04, CTT16, DF17, DW06, DLL11, DK11, DD96, DMB+03, DGBN14]. Networks [DB08, DBCF13, Dima04, DKM10, DFP06b, DH04, EAL90, EBE08, ESQ+18, EM11, EDH+17, FCW11, FCML13, Fei03, FY86, FZ90, FZ+12, FJG06, FKJG08, FMM+08, FVCL05, FD86, FGL+11, FZ14, GY10, GPT06a, GJ12, GRV08, GDP08, GP07, GCM+04, GDCC18, GS03, GDL+11, GH89a, GAGPK03, GYP13, GZY14b, GM14a, GB11, GL12, GJXZ05, GS03b, GMXA07, HW03, HZA+15, HNV07, HJ07, HJ90b, Hr91, HS06, HZ04, HS12, HRG+11, HT06, HDT+05, Hoh90, HL07, HZDP12, HJLR12, HBA15, HS17, HAC17, ISAZ07, ISAZ10, IB04, JF12, JTS8, JLY12, JBA15, JBS14, JHPL13, JBM91, JLWX11, JBY+05, JKV15, KTP17, KKVI05, KSS16, KS04, KKK1a, KK06, KOA09, Km11, KK1P12, KSK15, KGN89, KMF+05, KZ11, KKS09, KMS07, KHD08, KKK+11b, KKTZ13, KH95, KG01, KN06, LA15, LBMG15, LZ08, KK90]. Networks [LR06, LDZ+17, LHKL03, LY10, LNA12, LR03a, LCV05, LPX05a, LW06a, LT07, Li10, LC11, LMJC11, LJLD12, LL12b, LH14, LSX14, Li14, LS03, LC07, LR03b, LL07, LHT08, LZC11, LLM14, LDS16, LHP07, Los08, MG05, MAGL13, MM04, MAM05, MSM09, MYM10, MAPF14, MV88, MPV12, MA11, MSZ05, MCM14, MS88, MVBO5, MB08, MYD+11, MKC+09, MAJJ15, MM04, MVP17, MBO11, MSAZ11, MHBW86, MK08b, NGP10, NJ91, NSA11, NFHL13, NC09, NNM+14, NZA13, OWK14, OM10, OMSGNSG05, Pak89, Par05, PK05a, PL06, PLY15, Pel90, PCX+11, PCX+14, PSC+16, PKW+10, PW16, PW17, PV07, Pla08, PLR07, PMCC18, PB09, RM10, RM11, REK10a, REK10b, RLP14, RFS+12, RK06, RBP+11, RA11, RHL08, SCN12, SOAZ05a, SAOKZ05a, SMP15, SB12, SX08, SZ09, SZMK13, SGAC14, SSZ10, SG08, SKMM04, SK05a, SL89]. Networks [SR88b, SR09, Ste17, SK05b, SCL10, SK11, SJS11, SH89, TBH17, TLY12, TDC05, TC13, TMK+17, TM10, TDM05, TR08, TCS+10, TWSQ12, V089, Var91, VA03, VRM10, WCC02, WW07, WG08, WTB+08, WGS08, WMW09, WBTM09, WW12, WCL+13, WWY15, WFLJ16, WCXL11, Wi90, Wu85, WTS03, WH08, WL10, WBRT13, XHYA08, XCLR07, XHG03, XQ04, XWC+08, XH+10, XG03, YpGyLHC13, YME06, YF09, YL89, YSL08, YWW12, ZV06, ZMG+16, ZMC06, ZW11, ZBR11, ZLCJ12, ZCNY12, ZXP09, ZXGD18, ZSCX18, ZDC06, ZTGL17, ZLS17, ZHH03, ZC04, dOBD+15,
ALLM11, LDZ+14, LDP+14, LK11, MR03, MEMEMH17, PRP09, RBP+11].

networks-on-chip
[HRG+11, KKK+11b, LHLMD14, ALLM11, LK11, MEMEMH17]. Neural
[AA93, Ano92c, BST01, CW92, FTL92, HPT+97, JH92a, KJD03, Kri92,
LWOG02, MM00, Mon94, NS92, Pin01, Ram92, TV092, WT92, ZZC92,
eW95, Arb89, FK89, GH89a, Joh89, KH89, OGRV+12, PGP+12, SMKL93,
Tor89, TDP15, VM95]. Neural-Network [CW92]. Neuro [MT97b].
Neuro-Chip [MT97b]. Neurocomputer [GF+92, Ram92].
Neurocomputing [Ebe94]. neuronal [MM07b].
Neurochip [MT97b].
Neurocomputer [GFB+92, Ram92].
Neurocomputing [Ebe94].
Neuro-Network [CW92]. Neuro [MT97b].
Neurocomputer [GFB+92, Ram92].
Neurocomputing [Ebe94].
networks-on-chip.

Neural [AA93, Ano92c, BST01, CW92, FTL92, HPT+97, JH92a, KJD03, Kri92,
LWOG02, MM00, Mon94, NS92, Pin01, Ram92, TV092, WT92, ZZC92,
eW95, Arb89, FK89, GH89a, Joh89, KH89, OGRV+12, PGP+12, SMKL93,
Tor89, TDP15, VM95]. Neural-Network [CW92]. Neuro [MT97b].
Neuro-Chip [MT97b]. Neurocomputer [GF+92, Ram92].
Neurocomputing [Ebe94]. neuronal [MM07b].
Neurochip [MT97b].
Neurocomputer [GFB+92, Ram92].
Neurocomputing [Ebe94].
networks-on-chip.
[BRR01, MPZ09]. **NP-Hard** [BRR01]. **NSGA** [SMO14]. **NT** [BAHP01]. **Null** [DSMH90, BD04]. **NUMA** [FCP+15, LE91, WF93]. **Number** [Alu97, Ano92a, Ano92c, Ano93e, Ano96l, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DDNS06, FSZ07, HSSM07, IC05, Li14, PK89, Pet18, PH16]. **Numbers** [NS94, Can18, JD12]. **Numerical** [Alu97, Ano92a, Ano92c, Ano93e, Ano96l, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DDNS06, FSZ07, HSSM07, IC05, Li14, PK89, Pet18, PH16]. **Obtaining** [AFT+00, VAS+13]. **Occam** [LC92]. **Occamflow** [GL89]. **Ocean** [SAC+98, SH92b, Nes10]. **Octree** [FLS+97]. **Octrees** [BFG94]. **Odd** [DS96, NT93, SL95, ZDC06]. **Odd-Even** [NT93]. **ODEs** [FKB17, KKR14, Wor93]. **ODMRP** [OPG08]. **OFDMA** [UM17]. **Off** [BCLR96, GK98, LPU97, TOR+14, BS92, ECLV12, PF08, ZB09]. **off-line** [BS92]. **off-the-shelf** [PF08, ZB09]. **offer** [Trä09]. **offloading** [WL04]. **offs** [CLR90, LCB16]. **OLAP** [DKRC+15]. **Olden** [CR96]. **OLSR** [KKK11a]. **OLSR-aware** [KKK11a]. **Omega** [Ano93e, CS93b, Z00b, GL90, CS92]. **omega-like** [GL90]. **on-chip** [KH12, LNA12, LLKY13, LSXX14, LTL2, LWC14, MYD+11, PMCC18, UM17]. **On-demand** [YYLC11, BSW07, FVLB09, HZDP12, LSZZ15, NKK16, SFEF06, WL05, XG03]. **On-Line** [BDKM94, LTY96, Yen01, D98, EL88, LHK03, KM88, SL90]. **on-machine** [AES11]. **once** [ACHY18]. **One** [Ano93e, Bog17, CS93b, LP95, PTA08, SR97a, SR97b, YAS98, ZB97, BPR11, Che05, CS92, Deh90, Lai14, Yan04]. **one** [Deh90]. **One-Copy** [Ano93e, CS93b, CS92]. **One-Dimensional** [LP95, PTA08]. **One-Sided** [ZB97]. **one-step** [Yan04]. **one-to-all** [Che05]. **One-to-Many** [SR97b, Lai14]. **One-to-One** [SR97a]. **Online** [CRH11, DTK11b, HCWS94, KKR14, LQM+12, LHL14, MQ01, ZLMC14, AZ13, BFG04, BJL18, DFL017, Li06a, SHC14, TZI11, WWY+18]. **Only** [GS00, SLKK12]. **ONoC** [TKKH17]. **OnRamp** [FKR+17]. **onto** [BR08, BS90, SB+01, DAYA02, Dja04, DQR+09, ERL90, ERS90, GH89a, GW99, KMS+06, LLS07, MM00, MAS+99, XH91]. **Ontology** [PRP09]. **Ontology-based** [PRP09]. **OP2** [GMS+13]. **opacity** [KKW17]. **Open**
open-source [ZSW14]. OpenCL [AB13, MC17, PHW+13, RBB17, Str12, dAT17]. OpenMP [AGMJ06, CCM+06, HLCZ00, LN+12, LA06, PARB14]. OpenMP-based [LNW+12]. operand [SR88a]. Operating [MBL+92, SEP96, CDJ+89].


Optical [AK93, Ano93e, BA97, BC01, CS93b, CLM90, DP99, DSD+97, ELS94, ES97, GB93, HP97a, HQPT99, IWM97, LLJ00a, LLJ00b, LPZ99, MR03, MC93, MB03, MG03, OS97, OS93, PEC95, QM01, RP98, SNC93, SL97, Sz95, SH98, THN+93, TBVP00, WLY01, WHT00, YWP00, YMG01, ZMPE00, ZLPP01, CS10, CS92, KK17, KH12, LY13, McA89, NAK04, PLD14, WG08, dR09].

Optically [DH95, EH01b, Guo94, KM97, MKY+97, QMCL94, GMH+91, TRSS06].

Optimal [AMS94, AH12, AR97, AKPT99, BNS00, BBM+02, BSDE96, BOS+91, BOSW94, BHK+94, CW00, CS93a, CA95a, CW92, CA96, DS95b, DP00, DLP99, DT97, DF90, Ede91, FLPJ07, FM96, FXW03, FA95, FAM96, FY96, GS91a, HV95, HKMU98, HM01, Ho91, HJD+01, IZ95, JP95, JLY12, JBP00, KERUM04, KUFM02, KS97b, KW02, Lai17, LHS97, LSC00, LC09, LC05, LL12b, Li14, LO94, LO96, LV88, LS01, MS94, Man97, MW95, Nak95, OS96b, OS98, OH02, PM05, PP06, PK05a, Pel95, PL94, PV07, PM96, RR95b, San99, San02, SJ95, SZ00b, Sin87, SV00, TR08, WL90, WLY01, WR97, WS95, WS97a, WN94, Wu94, WHT02, Wu03, WLL08, YA11, ZV14, ZWS09, ZWRI07, oPP00, ANP07, BM04a, BPBR11, BS92, CV90, CMS04, CZ90, DKKV15, Dja04, EB13, Gue86, HDJ08, Li10].

Optimally [HL04, LS05, Lis90, LCB16, MD07, MPG17b, NW88, NZA13, PY90c, Pel90, PW16, PA04, PLR07, RTZ11, SGR03, SSM89, SGE91, VS16, VAS+13, WC91, WIB12, XWC+08, ZQMM11]. optimality [HV09].

Optimizations [TBVP00, GC07]. optimisation [AD12, LL07]. optimising [PVRS17].

Optimistic [HF02, NH93, PW96, SS93, DWG03, JLM08, QS05].

Optimization [BLG01, CGN+13, CLA+18, CLRW00, DDGK13, FM99a, FCF00, HA92, KCRB99, KZH96, KLS90, LHY97, MBW16, MC17, OK02, PMAL11, RL02, RNSB06, SMH94, TRSS06, VSM96, WCO+09, ALM+16, ATH91, AF06, ADDB18, BCM87, BNBR16, BDGR13, BHLT14, BHY+17, CMMT13, CCK11, CL86, DJHJ11, GZG+17, GL12, HVW16, JZZ+17, KASA9, KKB+06, KLL87, LL10, LQM+12, LGK+12, MZC18, NS12, Ozt11, QS05, RCG18, Ren11, RRS+08, SS11, SCC+06, SZD07, SK90, Str12, WMW09, WCL+13, WRR13, WQL14, WMG13, Wol88, XLT13, XLH18, YWD08, ZV12, Zb08, ZWWX16].

Optimization-based [PMAL11]. Optimizations
Optimize [DRR+96, HLJ+01, SF+05, TdA+18]. Optimized [ABD+02, Bar+05, WJ+14, Ana+14, BKS+91, DKC+14, Pet+18, TW+15]. Optimizer [HIL+95]. Optimizer-Assisted [HIL+95]. Optimizing [CC+16, CG+86, JST+12, KR+00, LMR+05, LM+16, NCT+09, PGR+17, Sab+94, SB+12b, WC+17, WGM+01, WLW+09, WG+11, WSL+11, AFN+17, AHA+16, ARM+09, DUM+07, HNS+07, KY+96, RSB+96, ZH+99, ABC+09a, CZP+16].

Optimum [BHK+17, LP+96a]. Opto [AA+93]. Opto-electronic [AA+93]. Optoelectronic [HPT+97, MLW+97, MB+93, HNS+07]. orchestration [RCG+11]. Order [AMS+94, Bit+92, CLZ+02, DT+97, BCM+06, BG+05, CB+15, GA+90, KKW+17, KMF+05, KME+09, MP+87]. Ordered [GS+98, HCR+12, TS+91, CG+10, JW+89, KKS+12, SW+18, Tay+05, YLB+15]. Ordering [KK+98b, PR+97, RS+96a, ZB+97, CHC+05, Zah+12]. Orders [SH+97, Sta+04]. ordinary [GGR+89]. Organization [AAP+94, AAH+17, CT+04, Ull+84]. organizing [BFK+04, BZH+06, IZ+12, KO+11, MY+10]. orientations [AFM+09]. Oriented [BS+90, CSSY+94, CS+95b, Fer+92, HS+00, SG+96, Bic+90, BZL+04, Ch+95, CTT+08, CSW+17, DZ+17, DW+10, GY+11, HD+13, HPM+17, KKW+13, KBD+05, Kne+17, MXS+12, PGS+17, RKK+06, SCG+10, SK+90, SFE+06, WWY+18, YJB+91, ZC+04]. Origin2000 [SSO+02]. ORION [PRP+09]. ORN [SK+11]. Orthogonal [AR+97, JD+12, Wu+02, GS+91b, HC+91, SM+89a]. orthogonal-access [HC+91]. Orthogonally [CP+08]. Other [Kap+93, Knu+17]. OTIS [ZMPE+00, ZXP+09]. Out-of-Core [BC+96, Raj+04, KKB+06, KR+11, WJV+07]. outcomes [NKSA+17]. outer [CTK+17]. Outerplanar [GS+99, KW+02, TSF+14]. Output [ASR+93, GC+07, PD+92, Ros+99, ST+02, GS+03a, PY+09a, ST+06]. Output-sensitive [GC+07, GS+03a]. outsourced [XLC+18]. outsourcing [CXY+14]. Overall [LO+96, SEP+96, XL+11]. overcome [KG+04]. overflow [SC+06]. Overhead [DR+98, JNW+96, KS+00, SD+00, BCM+87, BD+04, CX+05, FGP+05, LMGL+17, SC+91a, SZ+09]. overheads [DI+91]. Overlap [QH+96, ALT+13]. Overlapped [Lin+93a, KNS+91, SWL+17]. Overlapping [CQ+95, Wil+92, CHC+05, KSG+03]. Overlay [PRP+09, BHK+17, CMM+10, ED+17, GZM+08, HK+04, LSS++11a, LSS++11b, LCM+06, RA+11, SB+12, XLG++06, YF+07]. Overlays [HAS+16, ZH+07]. overloading [AOS+04]. oversubscription [KKL+14]. Overview [EMP+96, KS+93, ABC++88, SSZ+10].

 overflow [SCC+06]. Overhead [DR+98, JNW+96, KS+00, SD+00, BCM+96, BD+04, CX+05, FGP+05, LMGL+17, SC+91a, SZ+09]. overheads [DI+91]. Overlap [QH+96, ALT+13]. Overlapped [Lin+93a, KNS+91, SWL+17]. Overlapping [CQ+95, Wil+92, CHC+05, KSG+03]. Overlay [PRP+09, BHK+17, CMM+10, ED+17, GZM+08, HK+04, LSS++11a, LSS++11b, LCM+06, RA+11, SB+12, XLG++06, YF+07]. Overlays [HAS+16, ZH+07]. overloading [AOS+04]. oversubscription [KKL+14]. Overview [EMP+96, KS+93, ABC++88, SSZ+10].

P [ASST+05, dR+09, PM+06]. P2MCMD [LC+07]. P2P [CWLD+05, DW+12, ED+17, FZ+14, GB+11, GJZ+05, LZY+11, Luc+18, MAP+14, RHL+08, She+09, SZ+09, SHT+09, SK+11, WCX+11, YCH+10]. P2P-based [She+09]. PA [SRT+18]. PA-Star [SRT+18]. PACK [BR+96]. PACK/UNPACK [BR+96]. Package [HS+97, KOW+97, XKM+94, CPO+03]. packages [DAB+14, PL+03b]. Packet [GHK+98, GO+95, JK+00, LYL+93, LS+94, NS+95, OY+00, PR+94, PV+89, RD+05, SL+97, ZY+12, BM+07, CK+13, EK+17].
HBS17, HDCM11, KMF⁺05, KK10, Nap90, OS04, PY09a, UM17, YSL08.
packet-level [YSLO8]. packet-size [OS04]. packet-switched [Nap90].

Packets [GRV97]. Packing [Hwa97, LTW⁺90, CRD12, SF05, TSFZ14].
Page [LE91, NPP⁺02, HSSM07, MTM10, TH08]. Page number [KRSZ02].

pages [Ano96l, Ano97k, Ano00D, CS93b]. Paging [DM99, Li17]. Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA⁺15]. Pairwise [GP00, CK08].

PAME [YLZW18]. PaMeLA [GDL⁺11]. Pancake [BS03, KAM94].
pancyclicity [XHZZ16]. panel [Rob09]. Paper [Ano01m, Ros07, OY13].

Papers [Ano95i, Ano95j, Ano96j, Ano96i, Ano97i, Ano98k, Ano98i, Ano98j, Ano99g, Ano99d, Ano99e, Ano99f, Ano00a, Ano00c, Ano00f, Ano00g, Ano00h, Ano01c, Ano01d, Ano01e, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, Ano02u, Ano02v, Ben15, Sni03, Mue13, Phil3, Rob09]. Para [CD98].

Paradigm [KBD05, RS92d, Bamm05, CVJ09, LK15, MSJ05, Sie16]. Paradigm-oriented [KBD05]. Paradigms

[Ano99g, CEF⁺95, YMR93, XQ04]. Paragon [CCRS92]. Parallel
[ASR93, AGW01, AT94, AGF94, AAL95, ANT02, AISS97, AP94, Als01, AaJ97, Ah97, AFO93, AS19, AS95, AH94, Ano92a, Ano93a, Ano96j, Ano97j, Ano97k, Ano00d, Ano02v, ASC⁺18, ABZ95, AKP95, ADM⁺94, AS94, ADS98, AB93, BK95, BJ96, BR96, BCD95, BDD⁺91, BSi94, BW08, BBH⁺97, Bal90, BDF92, BGR96, BS97, BCV94, BF94, BN94, BB93, BMM⁺02, BV13, BL94, Bev02, BBH⁺98, BKCM17, BP95, BEE00, BS90, BHS⁺94, BDHF90, BP89, BR95c, BRFR06, BMARW07, BMRC98, BMRC99, BS00, BZ98, Bro96, BX93, BDD⁺97, BA01b, BTG02, BMCP98, BM95, BNSP99, BS90, CP97, CMT93, CP98, CGKK97, COV13, Cas93, CC91, CD97, CDR99, CB99, CCK00, CvdB⁺08, CCR92, CGL⁺95, CCC90, CS95b, CP10b, CW93, CA95a, CWW⁺95, Ch92, CV91]. Parallel
[CDJL09, CN93, CP92, Cho93, CHR94, CY96, CW98, CB96, CQ95, CRD17, CG98, CH92, CP94, CA0b, CHM01, CRFS98, CLZ00, CbCd00, Cuz11, DFIH13, DM00a, DM95, DOP98, DP00, DM92, DRC90, DH91a, DS84, DO89, DH94, DDK913, DN94, DJM94, DSW94, DT01, DSD⁺97, DBKF90, DD95, DZ97, DJT03, ES96, ERL90, ERA95, EM99, ESL94, ES97, EHS94, EHM995, Fah96, FLL14, FZW12, FRW03, FGcF17, FTM⁺14, Fer95, FR96b, Fer92, FM98, FLS⁺97, FPS11, FC95, FKKC97, FJ93, FM⁺94, Fre96, FT94, GG94, GP94, GCB⁺00, GGN93, GV94, Ger98, GBS93, GGD93, GMSS⁺11, GJP96, GC01, GSC96, GM95, GSP02, Gra09, GL92, GH9b, GHH92, GW06, GKH93, GHSJ96, GS99, GRR⁺05, Hag97, HMM94, HK96, HH97, HGCC96, Han89, HES11, HB97, HBJ98]. Parallel
[HP95, HR92b, HR92a, HHC98, HP97b, HN91, HTB98, HR89, IK94, IZ95, IWM97, IHM05, J9W4, JBL02, JSM94, Jian99, KR97, KF95a, KME92, KNN13, KR98, K01, KKS08, KF93, KS93, Kri92, KRS13, KW02, KG94, KGV94, KM92, KA97, KC99b, LSCA93,
Lan09, LWCC15, LP96a, Las12, LMCF90, LWY97, LTH97, LJKS02, LS97, LC90b, LAS+97, LPZ99, Li01, LWOG02, LY08, LSS+11a, LST+13, LSH96, LS88, Lin91, Lin93b, LA93, LO94, LLCC02, LP97, LK11, LFA96, LKB+15, MB96a, MHF93, Mah95, MM93, MS99a, MLC+90, MR94a, MPZ90, MT96, MB96b, MP93, MSGS+13, MSH90, MD98, MZC18, MHC95, MB92, MSd+95, MMAL+06, Mer96, Mil93, Mir91, MB93, MG98, Moh96, MSAZ10a, MNK12, MS96, MS99b, NSS97, Nas94, NFEG97]. Parallel [NMS93, NS97, Ngo06, NT90, NKC+97, NH93, Nic94, Nie94, Nik04, NZA13, NsP902, NDZA99, NS92, NPY+97, OO05, OY00, OY13, OP98, ORR03, OR97, PH91, PD05, PP96, PDP17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, Pla08, PAH+98, PAJC97, PBB+17, PRS14, PSE+01, QZ94, QH96, QOvdG01, REK10a, Raj01, RSS96, Ram92, RL02, RS92b, Ree84, RW01, RGSO0, RPS93, RSL12, RSW90, RJ90, RJA97, Ros99, Ros07, RW93, SSG93, SH90, SS96, San98, SMR96, San02, SAOKMA02, SH97, SC93, Sch90, SM96b, SW96, Sch91, SdS97, SAF05, SR97a, SR97b, SAC+98, She06, SS92, SSHC00, STN92, Shu95, SGS99, SIl90, SM00, SRK95, SSVV94, SB93, SC95, Sk96, Sni03, So96, SL97, SLKK13, SIR92, SK93, SMKL93, Ste95, SSK96]. Parallel [SWC+91, SF90, SYG92, SS97, Szy95, TH11, T¨at11, Tsa97, TW87, Ten90, TAS+01, TR96, THBF97, TV92, TZ00, TK08, TF01, UAPM07, Upa13, VSM96, VGAB08, WB94, WCE97, WLY01, WM92, WNA+94, WPK94, W96, WTC08a, WMW09, WRW13, WSA+94, WD94, Wee01, Wei98, WMG01, Wei02, WA02, WAS95, WS95, WS97a, Wor93, Wri91, WT92, WH97, WHT00, WHT02, XP10, YBX+13, YSZ96, YWAT13, YB95, YIY97, YB01, YP96, Zak01, Zep91, ZYH94, ZK94, ZB97, Zhu92, ZH99, ZM94a, ZO97, ZYO02, ZA91, ACYS08, AKDMN15, Ada17, ALS91, ABGV11, AP91c, Ath91, Ara90, AMM+18, AES88, ANP07, AGS6, ADDB18, AB13, ACF07, Bad04, BC05, BCM87, BB87, BBLCO4, BKC15, BMM08, BA06, BCF05, BAI04, BNBR16, BFB09, BS87, BSG90, BR91b, BMK14, BGM+08, Boz09, BCK+13]. parallel [BSH15, CK88, CP10a, CTS17, CR91, CDS10, CSML10, CCE+17, CCS06, CRL04, CEGS07, Che86, CC87, CZZ+17, CLOL17, CFJW13, CKWT17, CJ07, CT94, CDJ+89, CL85, CZ90, CB06, CD95, CK91, CM12, CB11, DFP06a, DRT07, DM90b, DM90e, DVR+09, DUW86, DLW+12, DAG+17, DRR13, DM94, DWHL87, Ebn04, EB13, ECTA94, EE05, EI07, FC04, FG08, FK17, FCS91, FSK+17, FCG+14, GMMP12, GVB13, GGR89, GS91a, GP91, GT04, GMVRS16, GWL94, GAC+17, GS03a, GC07, GB06, HM06, HSS10, HOE+09, HSH10, HD13, HSS6, HA91, Hsi04, HSS17, mH14, JTS8, JSWB92, JMS86, JL05, JJ12, JST12, JP09, JZ05, JV06, JZF+15, KKR14, KES07, KR07a, KR10b, KHT+14, KV88, Kep03, KHK02, KKH+12, KCR14, KN18, KM03, Koc91, KS04, KBC+10, KK86, KS91, KMP+06, KP05]. parallel [KIH15, LBMG15, LT02, Las13, LPK+10, Li06a, Li06b, LT07, LY12, LMB+17, LTKS00, LC02, LH04, LS05, LH09, L¨U14, LZZ+11, LTG14, LGL13, LF03, Luk85, ME04, Mar88, MV88, MeD89, MCT06, MTL+18, Men18, MP87, MMK+11, MAR05, NVK+11, ND17, NW88, Nic07,
NZY+11, NCTT09, OS04, OTKT12, PB90, PPC04, PMAL11, PPTV+10, PA15, PK89, PPSV15, PF91, PVM06, PHS04, Pop91, PF04, PRG88, QJ05, Raj08, RSR04, RGD03, Rao16, RAN+17, ROB+18, RG87, Ros89, RSW91, RRTC91, RB17, SI86, SS03, SPBR91, SV08, SI89, SC91a, SS06, SSTP09, Sch14, SPH13, SC04, SZW05, SF05, SK91, SCM13, SA08, Sk16, SMH+14, Sta04, SDG08, SS41B+10, SR91, SR16, SHC14, SRT+18, SSGZ13, TM06, TW89, Ter16, TRSS06, TS91, Träo9, TLW18, UGG+11, VD04, VS16, VA07.

parallel [Vis87, WL90, WLL16, WC91, WJZ09, WBTM09, WLCZ15, WRHR91, WJD91, WZ91, WIB12, WF89, WLWW09, WGCZ09, XL11, XS11, XLYZ14, YJ99, YO11, YZLT09, YBM13, Zha11, ZFL89, ZJ06, ZFWF06, ZBW+17, dVC06, dGP06, C06+10, Cza13, FTK14, KR11, Re84, YO11].

Parallel-depth [BP89]. parallel-processing [Trä09]. Parallel/Distributed [KZ96]. Parallelisation [HSSM07, Kal04, AD12]. Parallelism [Bec96, BAM93, Bog17, CGN+13, DRST02, FM85, FKK97, FY97, GSG+93, HKT+91, KRC00, MR94b, MK92, SSG93, SW91, SH92b, SV00, SG96, XMD17, GV86, HS03, Irw88, MM15, Ozt11, PVGG06, RS08, RSCQ17, SBC09, TBG17, VBF13, WYTX13, ZLWL12, DeG88].


PARSIMONY [GC01]. Part [RLA+16, RLA+17, SAOKZ05a, SAOKZ05b]. Partial [FY96, HBS17, HHC98, SH97, VB94, DGDF10, IR12, JL05, LÜ14, Ros89, TR16, Ve89]. Partially [FII04, KKS+12, SK91, Tay05]. participants [GHK+12]. Particle [BTG02, PAH+98, SDG08, CvdBL+08, LTKS90, VBDR13].

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, CRL91b, LCG90a, LCG91b, PW17]. Partitioned [CB99, LJKS02, YI96, CG86, Gai90, GÖÖ16, Mat06, OT86, SR88a, SM08a, MR03]. Partitioner [SSB98]. Partitioning [Als01, AYE98, BW96, Bou02, CN93, CK98, HS93, Kar95, KK98a, KK98b, Lee90, MAH96, MOH96, MFS96, Nic94, PHB96, PB99, TG99, WCE97, WF93, AHA+16, ACU08, CP05, DUKC15, DHK04, ES12, GHC+17, LVP07, LSXX14, LZX11, MIt07, PA04, PTA08, RMU14, SW91, STA12, SLKK13, TK08].

CW92, CD98, dADB96, GBES93, HNM02, IIs97, Kar92, KTF03, LK96, MD92, PY96, PS01, SCMB90, XH93, ZN01, BPW05, DDNT10, GH89a, Hal05, IRRS16, Kak15, KMS10, KS13, LR06, PS14, She06, TGPUC16, vS91.

Passive [MR03, DS04b, YT05]. Password [Lop18]. 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, ATH91, ANP07, DGNW13, DM90b, ED06, Hsi04, KS91, LS03, NS90, Ros89, SYYU07, VLL+14, WCC02, YME06, YC12, DCA+15].

Path-Based [FF98, RMC97]. Paths [BGR96, BP02, GT97, GP00, DMB+03, FLP07, Lai14, Lai15, Lai17, MT14, NCA+12, PK04b, WFL16]. Pattern [AA93, BMRC99, LW95, Lon04, PDP17]. Patternlets [Ada17]. Patterns [BGR96, BP02, GT97, GP00, DMB+03, FLP07, Lai14, Lai15, Lai17, MT14, NCA+12, PK04b, WFL16].

Payment [AA93, BMRC99, LW95, Lon04, PDP17]. Patternlets [Ada17]. Patterns [BGR96, BP02, GT97, GP00, DMB+03, FLP07, Lai14, Lai15, Lai17, MT14, NCA+12, PK04b, WFL16].


Performance [AP91a, Abr96, ABDS02, AP93, ACD+93, ATM01, AYIE98, AH94, Ano92a, Ano97k, AA95, BJ99, BBH+97, BPJG92, BCV94, BS96a, BAMD05, BL96, BCD00, BP01, BLG01, BNSP99, CTD09, yCM08, CY99, CGKY12, CB02, CP99, DS95a, Dali99, DPDS08, DY99, DS02, DWYB10, DW04, DF94, ER97, FR92, FRM15, Fer92, FGKT97, FPD93, GCB+00, GE85, GT02, GM94a, GGD93, GLG12, GDN+98, GM99, GRR93, GBA08, GOK93, GOK4, HMBW07, HCS+00, HCAA93, HSM91, HP97b, HN91, HLL+95, yHY97, HTL99, IC05, JSCB95, JV06, JB93, JIAR97, Joh91, KEM92, KMKD07, KC95, KS95, KMS07, KRS13, KB96b, KG04, KEA95, KJ84, KR01, LLL87, KMB91, LC97, LLS93, LYL93, LP96b, LP97, LPX05a, LNW+12, LTD+93, LLYW+16, LHVW95, LDCZ97, Lun94, MF94, MT95, MSAF04, MM06].

Performance [MSC96, MB92, MSAZ11, MS96, MBG+17, NSKN17, NBP98, NCA93, NSA11, Nee17, NKC+97, OD95b, PARB14, PH00, PS93, PD92, PEC95, PTC+93, PAJC97, PBB+17, PS01, RPS93, RW93, RGU08, SMH94, SSG93, SPBR91, SV08, SKR93, SG93, SB02, SLP+98, SKH96, TLY12, THBF97, TTG95, TH02, TdAR18, Tze91, VSM96, VHH08, WAS95, WF89,
WLID02, XMMD17, XQ07, XZS96, YB90, Yan93, YZS96, YI96, YAS98, Yan00, YB95, YMG01, YAK15, ZNQ93, AM13, AA10, AR17, AB03b, AP91c, AD12, BL05, BW89, BC07, BCF05, BDGR13, BKS91, BH86, BJ03, BDDL09, CK06, CF88, CBP02, CG17, CCE+17, CBE+08, CWT17, CEB03, CmLCK04, CmLCK05, CC96, Cdw+17, Cuz11, Cuz13, DK08, DH11, DF12, DYL+12, ETS14, ECLV12, FHL+15, FGP05, FJSW90, FCP+15, FD86, GJ12, GRV08, GMSS+11]. performance [GST09, GYY+14, HW03, HES10, HNSA07, HHS12, HCZ+11, HCZ04, HD13, HAP91, HC91, ICQ12, JTY+05, KVN17, KyLPC17, KCR14, KZ11, KC17, KKS08, LWCC15, Ll90, LC13, LRW+03, L06b, LSXX14, LB12, LZZ+11, LGL13, LC16, LV07, LGK+12, MC17, MSGS+13, MZC18, MRS+14, MVB05, MG09, MBO11, MLK12, MBH+08, MGRK14, NTSN1, Nq90, ND12, NTc03, NO12, NR+09, OSL05, PCM+17, Par05, PRHB06, PHW+13, PVR17, RH05, RM90, RCG91, SPRG+12, SSFP11, SAOKZ05a, SAOKZ05b, SCB08, SD91, SC04, SAB+92, SA11, SE15, SR16, TTH12, TB90, TMM06, TD07, WTB+08, WS06, WH08, WG11, YAA10, YZW+15, ZYW+15, ZW13, ZWQ+16, dAT17]. Performance-constrained [YAK15]. Performance-Driven [CP99]. performance-portable [MRS+14]. performance/cost [AP91c]. Performances [MS99a]. performing [GA90, VM95]. Perimeter [KF05a, Koa09]. Periodic [Abr96, BNP98, BBM+02, RDS02, WCF94, FXW03]. Peripheral [MBK+92]. periphery [ABL17]. perishable [GAOHG17]. Permutation [AKP95, CI93, DT97, GT97, IZ95, Oru87, Oru94, QM01, RDL95, TBPV00, WS97a, YWP00, RHR94, JL05, KO90]. Permutations [AMS94, BP98, CS93c, JH92b, KAP93, RS94, MR03, VR86]. Permuting [Cor93]. PERP [ZYW+15]. persistent [ST14, TC03]. Personal [ZR00, HBF12]. Personalized [LHS97, RWK95, Ede91, PW16]. perspective [HRM17, LNC13, Lso08, NTK17, RBP+11, Wan07]. perspectives [WH08, PRS14]. perturbation [CHX+17]. Pervasive [NDW17, KKKP12, Khs12, Sio16]. Pessimistic [MMCL+17, Yan04]. Petascale [SWHB17, WYTX13]. Petersen [SGR03]. Petri [BPJG92, BDF92, Chi92, Fer92, NM95, SP90]. Petri-Net [NM95]. Pfair [HA06]. Pfair-scheduled [HA06]. Phase [AT94, DRR96, LC91a, Man13, SNC12]. Phase-Reconfigurable [AT94]. phases [BK91, SZD07, SSGZ13]. PHAST [DGNW13]. philosophers [AFN17]. Phi [KVN17]. PHOEBUS [MB93, KSB11]. Phone [BN02, BST01]. photon [FLL14]. photon-mapping [FLL14]. Photonic [APRA18, Qia97, RKK97]. Photonic-based [APRA18]. phylogenetic [FRW03]. phylogenetics [SPV03]. phylogenies [PTZ06]. Physical [QGB+17, SNMB16, WH97, BC11, BPA06, CSW+17, DZC17, FD86, HRM17, JWH+17, KNS06, LLWC17]. Physical-aware [SNMB16]. physics [CP10b, GTN+06]. PIC [SDG08, YB+13]. Picture [HHM94]. pictures [FGF17]. PID [WLID02]. Piece [CTC11]. Pilot [LSZ15]. Pilot-Data
[LW16b]. **PRA** [EHMN95]. **Practical**
[Ger98, HCWS94, HR92b, HR92a, KK95, SGS99, YZS96, LXW+11, McD89].
**practice** [PTA08]. **Practicle** [Ano97k]. **PRAM**
[AS91, DL98, HS94a, PRW94, Pra93, ZK94]. **PRAMS**
[MR94c, FIH04, GM94b]. **Pre** [VWHL96, GDCC18, HMR15, RG06, SJS11],
**pre-assigned** [HMR15], **pre-detection** [GDCC18], **pre-execution** [RG06].
**Pre-Processed** [SJS11]. **Pre-run-time** [VWHL96]. **prearranged** [SW90].
**Precise** [KSJC17]. **precision** [BGBC+16]. **Precluding** [Yen01].
**Preconditioned** [BSGM90, CP10b]. **preconditioner** [GLW14]. **preconditioners** [SZW05].
**Predicate** [TG04, Yen01, AMK+07]. **Predicates**
[CK97, GCKM97, RS92b, Ksh12, SKK14]. **Predictability** [SB12].
**Predictable** [CKK00, SB12]. **Predicting**
[FFK97, Lun99, SSG93, SZD07, SFT04, Wei02, BCD+15]. **Prediction**
[ASKO16, Ano97k, AYB+15, CTD99, KL01b, PH00, WWA+18, YZS96, YI96,
ARVZ14, CDB04, DZC17, DKC14, KVA18, LGZ+10, LC14a, LKM12,
MVP17, PMdO11, SM08a, SK05a, WWY+18]. **Prediction-based** [AYB+15].
**Predictions** [DD95, XZS96, LSH+13, NVK+11]. **Predictive**
[DSW94, BYH+17, RKK06, SNMB16]. **predictor** [GGR89].
**predictor-corrector** [GGR89]. **preemptable** [LQM+12]. **Preemption**
[MS98, SB12]. **Preemption-Safe** [MS98]. **Preemptive**
[GAGPK03, JTZZ11, Mar88]. **Preface** [Ano01-33, Ola01]. **preferences**
[WMY+17, WTY+18]. **Prefetch** [SD00, Zha11]. **Prefetching**
[BL96, KS97a, LY98, LY01, MG91, SMH94, SG99, SD00, HD10, HA05, LAK10].
**Prefix** [HJ01, MP93, San02, AFM03, BS03, EB13, Han89, LH04, LS05, LH09, SPH13].
**prefix-based** [SPH13]. **Pregel** [XYZW14]. **Preliminaries** [NBM93].
**preprocessing** [FSZ07]. **Presence**
[ADS01, LT96, HZA+15, ISM07, RLH03, SAOKM03, WE13, WSLC11].
**preserved** [SWW+17]. **Preserving** [NA02, CXY4, JP09, OMSGNSG05].
**pricing** [GRDB05, ZV12]. **primary** [AOSM04, BB03]. **primary-backup**
[AOSM04]. **prime** [YLBJ90]. **Primitives** [FAM96, AF17, BBH+17].
**Principal** [AHG12]. **principle** [GXY13]. **Principles**
[KAS07, DAG+17, FK89]. **Prior** [KHN17]. **priorities** [BSMIH08, KSS+07].
**prioritized** [LASS15, LW89]. **Priority** [BM97, BTZ98, JH094, JN96,
KB96b, SD98, TF92, FC09, HM06, MAKWZ13, MM07c, SR16, ST05].
**priority-based** [MM07c]. **prism** [Ros85]. **Privacy**
[CXY14, BJL18, LLDL15, LZSL06, SWW+17]. **privacy-preserved**
[SWW+17]. **Privacy-preserving** [CXY14]. **Private**
[REK10a, REK10b, CKMP17, LTWW12, RFPAG08]. **Pro** [KV10].
**Pro-active** [KV10]. **Proactive**
[RLH03, TXLL14, WMES12, DW12, FX10, HOVC09, SZ09, WWY+18].
**Probabilistic**
problem-size-independent [LH09].

Problem-Solving [KBC+01, LWR+03]. Problems
[Ano96i, Ano99g, ADS01, BK95, BOS+95, BEE00, BGO95, BCM98, CB95, DS02, ESMG96, FR96b, FR98, FT94, GL92, KLo1a, LSH96, MS94, MP96, MS99b, OR97, RS96b, SR97, SN93, Ten90, TF01, WM92, WLR90, WHT02, WH08, ATH91, AG86, BGH+03, BS03, BBd90, CMMT13, CEOS7, KJD03, LW06a, Lin91, Los08, LGG08, LV88, MPZ09, Men14, Nik04, PPSV15, WR13, WMG13, YS11, ZTFK16]. procedural [Kan05]. procedure
[Kub17]. procedures [DWHL87]. Process [CCM92, IAS+92, Kar95, KSP+92, KOW97, Qia97, IC98, SM96, SF93, SF90, Ara90, Bic90, Gai87, Gai90, HRF+11, Lo92, MEMEH17, SDG17, TKX+13, WMES12].


Processes [DZ97, VWH96, BFTV87, GK15, MAR05]. Processing
[AyJ93, AK93, AGWY11, CS95b, DDGK13, EM01, GC95, GLGLBG12, HPT+97, HSJP87, HR90, IWM97, KSL85, Kri92, LWY97, LS97, LS85, LT94, MSH90, MT85, NMG98, NMY93, OY13, Ros07, SH90, Sn03, DD88b, SS96, SWC+91, TAS+01, THBF97, VB02, Wee01, WRC+02, WSS93, Wei98, WA02, YL12, YJL16, ZM94a, ZM94b, AAA+15, ATDH13, AM11, BB87, BK13, BHS13, CC08, CLA+18, CRL04, CCN06, CM12, DFLO17, DW04, EKNS17, GSSW04, GWVL94, HBS17, HR89, JMS86, JDK+15, KLo8b, KN91, KKN13, KN18, Lee91, LB12, LKB+15, MTL+18, MS86, NLB+18, PYP+10, PI90, PPG+12, PVPM06, RCG18, Ren11, RAN+17, RG87, RTCG91, SCB08, SIY14, SK89b, Sto87, SCLL10, SI13, SA90, TZH+06, Tri09, WW07, Wan07, WJD91, WL10, XHY07, XQ04, ZMCP11, ZHH15, Ano93a, PRS14].

Processor [AW95, AERBL92, Am94, BG86, CW93, CWW+95, CkLCK04, CkLCK05, DY99, DDD98, GW99, Goe94, Guo94, H094, Hwa97, JB98, K98, KF98b, KBG92, LS91, MSd+95, Moh94, MNG98, MBK+92, NS97, OS98, Par96, PT01, RKK97, SS93, SNC93, SS97, WCF94, YD98, YL98, Zhu92, ZY002, ACY08, B05, Bod89, CL88, CL85, DK11, Deh90, EI07, Gro85, HK08, HA05, Ki91, KR87, Lee91, LC13, Li05, LY13, MM07b, OT86, PLD87, PR13, RR05, RLH03, SI86, SI89, SSM89, SHL+13, SKK91, ST85, SAI13, SE15, TR08, TdAR18, WI89, XP10, YBM13, LTKS90]. Processor-efficient [LS91]. Processor-embedded [CkLCK04, CkLCK05].

processor-in-memory [HA05]. processor-node [TR08]. Processors

Product [AAD02, GE94, MSC96, CI03, Dim04, Dja06, ISAZ07, ISAZ10, JD12, MSAZ11, ST85].

Production [BBD+91, HKT+91, KM91, KM92, Nie94, Sch91, DM90c, GF89, HS86, SM86, TDBL13]. productivity [VFAD17].

Products [ANS97, WLD00, CP10b]. Professor [Ano04r].

profiles [YWAT13]. Profiling [BST01, KC17]. Profit [LWZZ12, AM06, KSSK16, ZV12]. Profit-driven [LWZZ12]. Program [BDF92, BE95, DBP94, DD95, ERL90, Fer92, FJ93, GSG+93, LSCA93, LMCF90, LAS+97, MDD97, Mi93, NB93, PP96, PS01, RRS+08, SH92b, The02, WF93, YB01, ZYH94, GJG88, Kan05, RM90, ESA03].

programmable [AC89, HHA14, MM07b, PYP+10]. Programming [AT94, AM93, ABS4, BK95, BJ99, BCD95, Ba09, BN94, BB93, CF97, CO13, CR92, CC92, CEF+95, CtdCD00, CJ99b, DR13, FC95, Fre96, FBDC99, GP94, GGG96, GAG+92, GLC01, HR00, JW94, JRR99, NT90, PA94, PM96, RA96, SSOB02, Sin95, SC95, VBF13, VFAD17, ZCC92, AE88, AB13, BAMM05, Bog17, Bo09, BHS13, CK88, CCC+04, CTS17, CCE+17, DRT07, EE05, EC89, ESA93, FGeF17, GL89, Hdr13, HSS17, IEWK17, KKV15, KSG13, KZ11, MSS88, RSR04, RR05, RSW91, SsdB+10, TFMS15, YQT12].

programming-based [KKVI05]. Programs [AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL+95, CMS92, DR98, dADB96, ERA95, Fah96, Gup92, GHSJ96, HLJ01, Kar92, KY96, LP97, Lun94, Lun99, Mah95, MI92, QZ94, QH96, RJA97, RV93, SKR93, SG93, SSHC00, SK93, TR96, TG97, YJ96, ZN01, ZH99, Ay09, Bc90, CC16, Cnk13, De88, FKLB08, Go016, HK08, HS03, LPK+10, LC91a, LC92, LZZ+11, Mc89, NCT+07, No07, Pop91, SCMH13, THSS87, XB14]. Progressive [RG90, YY97]. Project [BSH15, FCO90]. Projection [AAP01, HsJp87, FGL+11, Nca+12]. Projection-Based [HSJP87]. projections [KM03]. PROLOG [SS97]. promoting [ABCM07]. prone [DDG+17, Gk15, MFV08, OWK14]. Pronto [PF08]. PROOF [YJB91].

proofs [AP16]. Propagation [CDP95, DF94, AAFV04, BEN12, CKN07, CDB04, KMMZ06, PLR07]. Propagations [WD92]. proper [NGQM12]. Properties [BR95a, CW01, DC94, Gk93, KAM94, YN92, NS90, PL06, WMY+17]. properties-aware [WMY+17]. property [PB09]. proportionality [KR12, KCR14]. Proposals [HPT+97, ESGQ+14, NKK16, VO89]. proposals [RFPG08]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ+10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngl06, YL12]. Protocol [BMMS01, BHK17, CkL99, GRs97, GS96, GS01b, HP00, KUfM02, KB96a, LL98, Seb95, The02, AM13, ARD14, ALF03, BOY10, CL03a, CCHC09, CS08, CR92, CC92, CEF+95, CBdCD00, CJ99b, DR13, FC95, Fre96, FBDC99, GP94, GGG96, GAG+92, GLC01, HR00, JW94, JRR99, NT90, PA94, PM96, RA96, SSOB02, Sin95, SC95, VBF13, VFAD17, ZCC92, AE88, AB13, BAMM05, Bog17, Bo09, BHS13, CK88, CCC+04, CTS17, CCE+17, DRT07, EE05, EC89, ESA93, FGeF17, GL89, Hdr13, HSS17, IEWK17, KKV15, KSG13, KZ11, MSS88, RSR04, RR05, RSW91, SsdB+10, TFMS15, YQT12].
CL09, CHC05, EBE08, Eri88, EDH+17, GCS06, GZY14b, HLS12, HZDP12, LS06, Lun90, LM09, McdS+06, MAGL13, MPG17a, NPGV10, NSA11, PGS06, SMPMLVS11, TLY12, WCCH18, ZPI06, ZWS09, ZLCJ12, SJS11.

Protocols [AS00, DS95a, Dah99, Dol97, DSS95, GS00, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJL18, CXY14, CB06, CDAN14, FW05, GSY13, JBY+05, KLP10, LPX05a, Los08, MAM05, MMCL+17, MS15, OSL05, RFS+12, Seb91, VA03, WTC08b, WCYR08, mYA91].

proton [KDO13].

Protocols [CSSY94, KYL05].

Prototyping [DN94, WH97, PRG88].

Proof [KMP06].

Providing [Zah12].

proofing [SHSH17].

QAP [BMCP98]. QC [ACY98]. QC-2 [ACY98]. QCD [IBP08]. QoS [BOY10, CS08, CKML12, DMB+03, DO06, Kim11, Kim17, KKK+11b, LL07, LZY+11, MS00, NP09, OY00, SJB12, TBHA07, XHY07, XG03, YSL08, YJKD10].

QoS-aware [CKML12, LZY+11, NP09, YJKD10]. QR [Kau94].

QSM [RGD03].

Quadtree [IK93, WF90].

Quality [Bug92, WMY+17, WTY+18].

Quality-aware [AH12].

Quality-of-service [LNA12].

Quantifying [AASF04, FX10, LDCZ97, Nik03].

Quantitative [Bug92, NBM93, YZW+15, GXYZ13, KC17, MMAL+06, WMY+17, WTY+18, ZIO8].

Quantization [ZCK+02, Nic88].

Quantization-based [ZCK+02].

Quantized [FKB17].

Quartic [SPVH03].

Quasi [AB05, Nik04].

Quasi-perfect [AB05].

quasi-threshold [Nik04].

Quasirandom [Bro96, CJ07].

queries [AY89].

Query [AyJ93, CS95b, DM92, HASB16, SK90, PRP09, GB11, JHL+18, KSI04, KKN13, NSA10, SCL11, WL10, ZHT16].

Queueing [TT10, DTK11b].

Queue [BTZ98, CLT96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACY98].

queued
Queueing [dG91, HM06, KS03, MGRRK14]. Queues [BM97, BCLR96, Kop97, PD92, San98, FC90, ST05]. Quicksort [BX93, CV91]. quiescent [MRRT07]. Quorum [NM02]. Quorum-Based [NM02]. quorums [BJPPM+08].

R [Ano92a, BG90a, KKN13, LMY+11, TR16, ZFS07]. R-GMA [ZFS07]. R-tree [TR16]. R-trees [KKN13]. Race [HM96, ISZBM99]. radiation [KVN17]. RADIC [CLMRL15]. radii [OMSGNSG05]. Radio [CGSK97, CDB04, CCS06, FCZ+12, GPT06a, GDC18, GDL+11, KK06, MKC+09, RFS+12, SSZ10]. Radio-wave [CDB04]. Radiosity [SHT+95, YITY97]. Radix [BVBO2, BDKM94, LJKS02, MG09, MRT18, VAS+12, SMP15, SCMS12, SKK91]. Radix-based [MO97, OJP+18, RGS00, ¨UD96, AGWY11, Hu11, MAHKZ12]. Rate [MO97, OJP+18, RGS00, UD96, AGWY11, Hu11, MAHKZ12]. Rate-based [OJP+18]. Ratio [MG95, KM88]. Reactive [CCHM01]. reaction [XLHT13]. Reactivation [CW93]. Reactive [DLS00, OOSGVG+16, HPT07, NPGV10]. Reactor [KKS08]. Read [IRRS16, AM12b, CH06a, CG10, GNS09, IR12]. read-dominated [AM12b]. read-modify-write [CHZ06a]. read-write [CG10]. Read/write [IRRS16, GNS09, IR12]. Reader [JBP00, HV09]. readers [FKKR16]. reads [SPRG+12]. Ready [JM00]. Real [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJK98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML+10, MMRS98, MMVR97, Moh97, MSTT99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLD02, Zim96, van96, AOSM04, AOSM05, BW08, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, EDÖ05, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JLWX11, JZZ+17, JHL+18, KKW17, LHKO3, LZCY09, MLDG12, MAM05, MAKWZ13, MVP17, NA06, QJ05, RLH03, TZH+06, WL05, X005, ZHZH15, ZB03, ZQMM11, ZHQL12]. Real-Time [AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94,
DJ98, EMP⁺96, GMM00, JH92a, KS97b, LTY96, LM96, MMR98, MMVR97, Moh97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLD02, Zim96, van96, Lee03, LML⁺10, AOSM04, AOSM05, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC⁺15, EDÖ05, FC14, GZG⁺17, Gos90, HOVC09, HA06, HV13, HL07, JZZ⁺17, JHL⁺18, KK17, LHK03, LZCY09, MLDG12, MAM05, MAK13, QJ05, RLH03, TZH⁺06, WL05, X05, ZHH15, ZQMM11, ZHLQ12. realistic [KNS06, SJS11]. RealTimeTalk [EMP⁺96]. rearrangeability [DD96].

Rearrangeable [CS93c, HJDH01, FY86, Pak89]. Rearrangement [BVB02, GL92]. Reasoning [PS88, Ste95, eW95].


Recommendation [COF⁺17, WTY⁺18]. recommender [HWW18]. reconﬁgurability [ZXYO11]. Reconfigurable [AT94, BAGS95, BSDE96, BBR94, BM97, BA95, BGOS95, COS⁺95, CGG⁺09, DS01, EL97, EH01b, FZVT02, HQPT99, HCWS94, JP95, JS94, JB98, KF00a, LS95, LPZ99, LK93, MD01, MG93, MT97b, Nbk95, NS94, ORWT⁺18, OS96a, TVS97, TBV00, WHT00, dR09, AM13, AHA⁺16, BM04a, BPP05, CDJ⁺99, DSO4a, FX06, HPSM91, Lla17, Mat06, MP08, PPP14, PVG09, SI99, SL89, TRS06, TJC10, WJD91].

Reconﬁguration [CGA98, QML04, UR94, YTR94, BAPRS91, DBLB⁺12, HBS17, JWSG14, LGMB15, LHX⁺16, SPR05, ZBW⁺17].

Reconfiguring [BDG⁺15, OOW95].

Recursion [CP94, Car90, MP87]. Recurrences [BCZ95, GP94, SCT09].

Recurrence [CP94, Car90, MP87]. Recurrences [BCZ95, GP94, SCT09].

Recursive [WT92]. Recursive

Recurrence [CP94, Car90, MP87]. Recurrences [BCZ95, GP94, SCT09].

Reduction [PA97, RJY96, SSG93, SM92b, BV13, Li17, LS88, Sch87, SPH13, ST08a, YAK15]. Redundancy [BM17a, RMHR17].

Redundant [CKT11, MT93b, MFS93, MFS96]. ReduxSTM [PGR17]. Reevaluating [SC10].

References [KSO0, CH06a, FPP06, SPRG⁺12, WL02].

Refillable [ALH⁺09]. refined [Mit07]. Refinement
[FLS+97, NA02, ASC+18, DAB+14, GA16, Mit07]. refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].

reinforcement [HHK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].


reduction [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

refinement [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

reflection [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].

reinforcement [HHK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].


reduction [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

reflection [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].

reinforcement [HHK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].


reduction [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

reflection [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].

reinforcement [HHK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].


reduction [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

reflection [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].

reinforcement [HHK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].


reduction [HK15, TXLL14, XRB12]. ReKonf [PPP14]. Relabel [AS95]. Related [Am94, Do97, JR92, Man94, MS99b, OD95a, BBFN12]. Relating [TJCB10]. Relation [HCR12]. relations [TR16].

reflection [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

refinement-tree [Mit07]. reflectance [YWAT13]. Reflections [Zim96]. reflective [KKKP12].

reformation [LHT08]. refresh [OPG08]. Region
[CRFS94, WLR90, DDNS06, MGG03, TYH09]. Regions [GS01b]. Register [JBP00, YPCW16]. registers [GNS09]. Regression [HK01, MZZC12]. Regression-based [MZZC12]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, EI07, Hal05, Lee90, Li10, WG08]. Regularizing [SSKC+15].
[CKWT17, Par05, SSMS08, TdAR18]. Roe [dlAMCFN12]. Role [Cha95, Won99, BCD+15]. Role-Based [Won99]. Rollback [JF95, AAFV04]. Rollbacks [SS93]. roofline [KC17, NSKN17]. root [EL91, LXW+11]. Rosenberg [Ano00d]. Rosenfeld [Ano04r]. ROSS [CBP02]. Rotation [HC95, HBH93, Ara90, EL88]. Round [CMS04]. route [CDCD05, LPX05a]. Routed [FF98, NSSS99, 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, AasJ01, BLPvW95, BPvW96, BP98, BA97, BA01a, BW95b, BDF01, BN03, CRV94, CL93, CW01, CS10, CL96, CC94, CLT96, CCR94, CS93c, CDF01, CG02, Do97, DG94, EL97, GG01, GHKS98, GO95, GT97, HCWS94, HJDH01, IM00, JR92, KLLK98, LS94, LTLY95, LTY96, Li92, LME95, LW95, LE89, MS00, MS94, MVM04, RMC97, XMN92, MVM04, SAOKM03, WCC02].

Routine [DRSB01, PIB+01, MBR08, MYD+11, XYKA08, CCQ+06]. Routings [WIKC97]. row [Mat06]. row/column [Mat06]. rows [ST87].


Saturation [Tze91]. SAUCE [HSS17]. save [FKLB08]. Saving [DKY01, SSGZ13]. Sawchuk [Ano93e]. Scala [GKK+13]. Scalability [AFT+00, BCV94, BP01, DVMW94, KS91, KG94, MR94a, PTK+13, QZ94, SSRV94, Sun02, ZYH94, ZFS07, dSS11, CLG+16, CSW08, CP10b, GA16, KR06, NSKN17, QGZP17, RM10, YH07]. Scalable [AS13, AS15, AYI97, BM17b, BMRC99, CSSY94, CSML10, CAB94, CLV95, CBdCD00, Con93, DA97, DD93, DKRC+15, DM04, DSW94, DFRCU99, DD+97, DT92, DM94, FR96b, FPS12, GH02, HA92, JJ12, KA03, KP00, KH12, KC94, KGV94, L202, Li01, LPW02, NKC+97, NRM+09, NPY+97, PA94, PGP+12, Pra93, QGB+17, RBA+18, SMH94, SN03, Smu02, SFC17, TFMS15, TCS+10, WPK94, WW96, XKM94, ZMPE00, ZB09, ZLS17, AKDMN15, ACPT15, ADDB18, BGM+08, CGL+14, CS08, CAK13, CJ17, CD95, DKKV15, DS04a, FPS11, GZ08, GM13, GREC91, HSY10, HWC08, KHT+14, LHK03, LC07, LB09, MK08a, MVP17, NKK16, ND12, SSTD09, Ter16, TCHC12, WJV07, WCEA10, XCS10, YQTV12]. Scalar [VH93, SKH15, Sol13]. scalar/vector [Sol13]. ScalaTrace [NRM+09]. Scale [ABDS02, BMCP98, FZVT02, GK93, HHM94, KL84, LK98, MYM10, OK01, RPM94, VN93, ACCP12, BM16, BMB+08, BMF05, CC16, COL17, DB11, DBCF13, DLW+12, JEWK17, KESA07, KSSL16, KBC+10, LGZ+10, LYL8, LZY11, Luc18, LWCG14, NAB+11, PTZ06, RW02, SFT+13, VM03, WCW017, WLNL06, WBR13, XYH97, YZW+15, ZV09a, ZVL11]. Scale-free [MYM10]. Scaleable [BMRC98]. scaled [KNH18]. Scaling [CVK+18, SSS07, TBPV00, YFS+15, FKL08, FZ14, Num07, YO11]. Scan [KB96b]. scanners [CCN06]. scatter [BM04b, LR05, dSAJ15]. scatter-based [dSAJ15]. scattering [DB86, LPLFM+12]. scatternet [SLWW05]. SCC [LTG14]. SCDN [SLW10]. scene [OGRV+12]. schedule [KSG03]. Scheduled [LB90, HA06]. Scheduler [KPP+02, HDJ08, HHA14, KS03, LS10, LB09, SCG10, ZLWZ18, MSK+16]. Scheduler-Activated [KPP+02]. schedules [CDR12, Dja06, DQR+09, ZXYO11]. Scheduling [AGF94, ALL99, AM00, AGG98, AS97, AYE98, AKPT99, AJHC00, BPJG92, BD05, BP01, BCC6, B6D1, BCLR96, BSH15, CDY97, CL91b, CCL09, CJ99a, DA97, DR95, DDD98, DP99, DS84, DAYA02, DO06, DJ98, ERL90, EEA95, FAGW95, FVLB09, FR92, FR96a, FKS97, Ga90, GR96, GY92, GM99, HO94, JSCB95, JSWB92, JR95, JZF+15, KS97b, KB96b, KA97, KA99, LPU97, LYT02, Luu94, MMR98, Mah95, MD13, MSD+95, MSE02, MYD95, Moh97, MSS99, NSS99, OH02, PKN08, PR12, PAM94, PS93, PM06, QM01, RU99, RAN+17, SCBM90, Ser97, SH92a, dSR00, Sta04, SD88b, SY92, TSC01, TSG95, VB02, VWHL96, WCF94, WSM97, WA02, WUG99, YI96, YWD08, AL04, ALM+16, AAD10, AOSM04, AOSM05, ALLM11, AH12, AM12b, BKS05, BGLA03, BHLT14, BFG04, BM06, BKMT14]. scheduling [BH05, Cal06, CG11, CG12, CRJ10a, CRJ10b, CGW+03, CRA+08, CRM01, CDR12, CJD04, DBC03, DO08, DK11, DP16, DUW86, DRR13, DT03, EHL+15, FA07, FW05, FPF14, GDP08, GYAB11, GVBB13,
GK15, GMVRGS16, GFPC14, GP05, HSH10, HDJ08, HV13, JLY12, JHF+17, JBS14, KH17, KA03, KVA18, KYS13, KKK11a, KM17, KUA07, KVH07, KV10, Kim17, KNHH18, KK10, KSSK16, KDH08, KBC+10, KMP+06, KA05, LDZ+14, LDZ+17, LHK03, LWZZ12, LC90a, Li05, Li06a, Li06b, LL07, LQM+12, LW16a, Li16, LNAL17, LML+10, LSC+15, LYW16, LPX05b, Lo92, MGSG12, MLDG12, Mar88, MCAS12, MMK+11, MAHKZ12, MS86, MAR05, NSAS10, NHO+13, ND12, OA10, ORR03, PY09a, PK05a, PW17, PDB13, QJ05, QSL+08, QGL+09, RBA+18, SSFP11, TDBL13, TSU07, UM17, VD04, VMMB10, VB08, VS16, WJD91, WAE03, WL05, WL10, WBRT13, XQ07, XLL15, XLHT13, YWG15, ZV09b, ZS13, ZQMM11, ZHLQ12, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDCM11, HSMB91, JWSG14, MM06, SHSH17, TW89.

Scheduling [TLQS12, TDBL13, TG03, TXLL14, TDP15, Tsu07, UM17, VD04, VMMB10, VB08, VS16, WJD91, WAE03, WL05, WL10, WBRT13, XQ07, XLL15, XLHT13, YWG15, ZV06, ZVL15, ZTFK16, ZY12, ZV09b, ZS13, ZQMM11, ZHLQ12, dOCS14, FZWL12].

Schema [TMK+17]. Schemas [Arb89, BG90a].

Scheme [BDF01, FY96, JB93, KK98a, LO96, MYD95, OS96a, Wu94, YD98, AOSM05, BBS13, CWL05, EL88, ESGQ+11, GPJA10, GMX07, HC09, HOVC09, KVHS07, KRL87, LT02, LHF91, LAK10, LHX+16, LMJC11, LSZZ15, LL07, NC09, RS08, SNC12, SZ09, SM08, TCO05, TC13, TCHC12, WL04, WW02, XYL06, XLHT13, YGZ+10, YJL16, YAA10, YCI12, ZM17, ZSCX18, ZWXX16, ZBR11]. Schemes [yCM98, FM99b, GG01, LL95, LS01, SKK97, WRC02, ZLPP01, AAD03, BLPA05, BR91b, CI03, CKML12, GJXZ05, HDCM11, HSMB91, JWSG14, MM06, SHSH17, TW89].

Schmidt [ZLRP91]. Science [BKK+11]. Scientific [CCRS92, DUSH94, FMW+94, GT02, HS94b, KBC+01, AOS+05, AE88, BCD+15, CXY14, EFG+14, NTC03, VM03, WHW+17, YLCL11]. SCSI [WTS03]. SCP [VB08]. SCP-based [VB08]. screening [AT03]. scripting [LMY+11]. Scrolling [Tay05]. SCSI [HZY04]. SCI-to-IP [HZY04]. SCTP [ZPI06]. sculpture [LMB+17]. SDEF [EC89]. SDFGs [BLMB13]. SDSL [CCM+06]. Sea [ZWW17]. Seamless [HR00, ORWT+18]. Search [BOSW94, BS00, BMCP98, BSH15, CDRC99, Cza13, DM95, DM92, EHMN95, Fen00, LCO2, SIR2, AMM+18, BNP02, BP89, Can18, CTT16, CCLS94, CSW+17, ES12, GHY10, GJXZ05, KA05, LSS+11a, LSS+11b, M092, MB13, PRH06, Par89, PSC+16, PPSV15, PVGG06, RM10, RM11, ROB+18, RHL08, SP08, Sch13, SHLN09, WGC09, WWA+18, YT09, Zep91, ZH07, CB11]. searchable [WCCH18]. Searching [BP98, NSM98, SH97, SGAC14, BA06, KIH15, LTWW12, Sch89a]. Section [Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, ZHT16, ZBR11, BK18, GTGLS12, JZZ+17, KTP17, LAK10, LLW12, REK10a, REK10b, SSX14, Sic16, WCCH18, ZSCX18]. Securing [SL06]. Security [SXZ06, BAK+03, DZC17, LZZ06, LCM+06, NZY+11, OM10, SFEF06, TKG+17, VA03, XQ07, ZVL15, ZAAB17]. security-aware [ZVL15]. sediment [CvdBL+08]. SeeMore [LMB+17]. Segment [MYY17]. Segmentation [KC99b, MG98, KYS13, MG03]. Segmenting [TVT96]. Segments [RR95b, GC07, Lop18, SWLZ17]. Seidel
seismic, selected, selecting, selection, selection-based, selections, selective, selectivity-driven, self-adapting, self-adjusting, self-manageable, self-organizing, self-reconfigurable, self-reproducible, self-scaling, self-similarity, self-stabilizing, self-sensing, sensitivity, sensor, semidirect, sensing, sensitivity, sensor,
PCX+14, PLR07, PB09, RM10, RM11, REK10a, REK10b, RLP14, RB12, SCN12, SS08, SZMK13, SCLL10, SJS11, TBHA07, TLY12, TDC05, TCS+10, TWQS12, VRM10, WW07, WMW09, WL11, WL10, WWA+18, XCLR07].
sensor [XQ04, XHZ+10, YPgLIC13, ZW11, ZSCX18, ZTGL17, ZC04, dOBG+15, OYE07]. sensor-actuator [KKKP12, SCN12]. Sensor-centric [KS104]. sensorial [HRM17]. sentiment [XLW+18]. separable [MRT18]. separating [HSS10].

Sequence [JP09, Zak01, AFM03, BCF14, BW09, BFKW13, BMARW07, DKKV15, FCS91, JV09, PTZ06, SPRG+12, SMB10, SRT+18, TMM06]. Sequence-preserving [JP09]. sequencer [BCM06]. sequencer-based [BCM06]. Sequences [Swa98, TR96, BNBR16, CJ07, LVB07, SK09, Sei05]. sequencing [CRL04].

Sequential [KF95b, BFTV87, Fen90, SBÇ12b, SLKK13, ZXB14]. sequentially [HK08]. Serial [EMMM94, MT97b, BOI91, CR91, CL90, SD88a, SI91]. serial-data [SD88a]. Serializable [Sch91]. serializing [HHS12]. Series [CA95a]. Series-Parallel [CA95a]. Server [ALL99, AYI97, CM99, HBCM09, JSCB95, RUC99, HC09, JTTZ11, OS04, PM05, TBZB05, WIWW09, WSLC11, ZVL11, ZI08]. server-side [ZVL11]. Servers [FM99b, AAA+10, Bar05, BPRG04, CSWD03, DLW+12, KCD08, LY12, LYW+16, MZZC12, SPR05, Wan06, WDDK09, ZWL03]. Service [BK18, CTT08, JRR99, LAZC00, RGVB00, ABF+14, DB08, FZ14, HOE+09, JM14, KMMZ06, KKKP12, LNA12, LC07, MHLZ16, MXSL12, MCZ14, NP09, PY09b, RA11, SB12, SFEF06, SMB10, SSVC10, TR16, WMY+17, WTY+18, WWY+18, WS06, Yen09, ZI08]. service-aggregate [Yen09].

Service-oriented [CTT08, SFEF06, WWY+18]. Services [ZR00, AK06, AM07, KSSK16, LCC+05, LWZZ12, MCP+18, XJS03, YWW08, YAK15]. session [LAK10, MZZC12]. sessions [TK07]. Set [Als01, BCD95, DM92, HCR12, KF95a, KSA95, KHS96, RD95, AFD+11, AP16, BD05, CC87, DW06, Gro85, HES10, HJ07, HDMC11, JPD17, Lon04, MHLZ16, Nic07, SZW05, WCWH03, WCKD06, YSS11, ASST05]. Set-Based [BCD95]. set-distributions [Nic07]. Sets [AAP01, CGL+95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14, Lon04, MP08, PK07, SW18, SCH14, YWW12, dOCS14]. Several [CP92, MCAS12]. shader [YPY+10]. SHadoop [GYY+14].

ShadowObjects [JRR99]. shallow [CvdBL+08, dAMCFN12]. shape [KSJC17, NCA+12]. share [KNHH18, PVGG06]. share-nothing [PVGG06]. Shared [AGW98, AGW01, AD95, BS96a, BJS03, CP91, DS95a, DH95, GDN+98, HV95, HS00, HPT02, HTL99, HA92, JF95, JHF+17, KRC00, KS97a, Ke100, KC94, KY96, LK98, LA93, LT94, Lu01, MF94, MS98, MG91, MSST99, PY96, RL96, RY96, SDS99, SC91b, T392, TTT95, TY95, Wil92, YW91, YMR93, YL98, Zak01, AL04, AAC10, BC06, Car95, CCM+06].
CDAN14, DI91, EKNS17, FZC+05, IRRS16, KKR14, KLP10, KMS10, LZI+11, LHT08, NSTM91, OC07, Pad91, PY09b, PK05b, RFPAG08, SB15, SAJ13, SS17, SM04, TGPUC16, TK07, WL92, ZLWL12. **shared-coin** [AAC10]. **Shared-Memory** [BS96a, CP91, DS95a, HA92, KS97a, LK98, MF94, MG91, SDS99, TCG95, YW91, YL98, Zak01, BC06, DI91, FZC+05, KKR14, KMS10, NSTM91, PK05b, RFPAG08]. **Shared-Nothing** [LT94]. **Shared-Noting** [HTL99]. **Sharing** [CS93b, DY99, HS97, HF96, JH92a, HS97, HF96, KS97a, LK98, MF94, MG91, SDS99, TCG95, YW91, YL98, Zak01, BC06, DI91, FZC+05, KKR14, KMS10, NSTM91, PK05b, RFPAG08].

**Shear** [SSM89]. **Shear-sort** [SSM89]. **shelf** [PF08, ZB09]. **Shield** [SSX14].

**Shifts** [OP96]. **shop** [Bo˙z09]. **Short** [ESTA94, KLC05, MBS+12, PARB14]. **short-range** [PARB14]. **short-term** [MBS+12]. **Shortest** [BGR96, DCA+15, HTB98, IZ95, KC99b, TU92, TZ00, ATH91, DGNW13, KS91, Lai15, Lai17, YME06]. **shortest-path** [KS91, YME06]. **Shortest** [BGR96, DCA+15, HTB98, IZ95, KC99b, TU92, TZ00, ATH91, DGNW13, KS91, Lai15, Lai17, YME06]. **shortest-path** [KS91, YME06].

**Silence** [DKY01, FJ93]. **Silent** [DJ16]. **Silicon** [THN+93, HRG+11]. **SIMD** [AB93, BAES92, Che05, CP94, CD95, FAGW95, GGW96, GSWW04, HCS+00, HCZ04, Ha91, IK93, IKS87, JMS86, KNS91, KLS90, LWOG02, ML89, NT93, Nas94, RS96a, RS90b, Ren11, SI91, Ume85, WSA+94, WLR90, ZLRF91]. **SIMD/SPMD** [Ren11, WSA+94]. **similarities** [CL14]. **similarity** [ASKTZ13, BH17, KSSG14, UGG+11]. **Simple** [Ara13, BW96, GPS96, GB93, GS99, KW02, LW06a, PL94, SE15, TZ00, Koc91, MRRT07, MC03, Nes10, YAA10, BJ99]. **Simplex** [Shu95, ASC+18].

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

**Simulating** [DS02, DN94, LC90b, NFHL13, eW95, AAK+13, GN15, WCKD06].

**Simulation** [ABDS02, Ano92c, Ano02v, ASR93, Ger98, GM94b, HP95, KP00, LHM95, NM95, PAH+98, RPS93, AM12a, DB11, FC14, FI104, LTL06, SDG08, SM04, VBDRC13]. **simulative** [HW03]. **simulator** [CZPP16, dOCS14]. **Simultaneous**
Some [BDKM94, DKMV01, IPK85, KAM94, Oru94, Par98, RTZ11, SI86, SZ03, ZHO03, AG86, BS03, BDjQ86, MS15].

SoMR [CS08]. Song [Ano97k]. Sophia [GTGLSA12]. sophomore [GAC+17].

Sort [LJKS02, Tay02, BM14, SSM89]. Sort-Last [Tay02].

Sorted [SH97]. Sorters [BNP98]. Sorting [ABZ95, CQ95, DL98, FKK+04, FY96, HQPT99, HBJ98, JP95, Lee94, Lin93a, MP93, NS94, OS96a, RW97, SCC92, SS92, SM00, VN93, WRC+02, Che89, FCS91, KR11, MS88, PB90, SSM99, SA08, TW15, Ull84, ZFL89].

Sorts [ZAW94, SI86]. SOS [PP92]. Sound [DKY01, CKK+13]. Source [AY09, TZ00, BJL18, LPX05a, LCCL10, NCB+17, ZSW14]. sources [Lon04].

SP [ASH+01]. SP1 [BR95b]. Space [BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, LZ02, NC97, PPSV15, RP98, SH98, WA02, WS97a, AD12, Ara13, ACFK07, BBM08, CKK+13, Dja04, HV09, KA05, LLKY13, MS09, ST12, SZB16, MSS00, YQTV12]. Space-Based [LZ02].

Space-Efficiency [GG01]. Space-efficient [PPSV15, Ara13]. space-optimal [Dja04]. space-optimality [HV09]. Space-Time [WA02].

Spaces [RS92a]. Spanners [RL95]. Spanning [FA95, KC98, KC99b, WB01, BFG+03, BC05, BC06, BBPR11, BBL04, CFJW13, GHY10, tH90, HAC17, KG10, LVP08, Lin03, OMSGNSG05, RDA18, Ten16, TDM05, WFZJ12, WIB12]. Sparse [Bas97, BW95a, KK98b, Man94, MSC96, NFEC97, PR13, Shu95, UZSS96, Win85, AAD05, ANP07, ASES15, BC06, CP10b, GMP12, LHW14, LV15, MBW16, PB15, She06].


Special [AP93, AL99, AB03b, AS13, Ano95i, Ano95j, Ano96i, Ano96j, Ano97j, Ano99g, Ano10e, Ano02v, BOP06, BD00, BS09, BS11, Chi92, CDJL09, CDJL11, DOP98, Dek00, DF12, DT92, ES97, FTM+14, FR98, FPS11, FPS12, GC95, GMSS+11, GS01a, Gra09, Irw88, IB04, JW94, KL08b, KR93b, KRS13, KRS14, KRS01, Lan09, LZ11, Las12, Lin93b, LK10, MSGS+13, Mr91, MNK12, NT90, Ola01, PN97a, PN97b, PA96, QGB+17, RLA+16, RLA+17, Raj08, Sch90, SXZ06, SH92a, SB97, Sto90, SFC17, TH11, TFV+15, BG90b, TY95, Wec01, XMM17, XJS03, YW91, ZO97, dVCP06, Cuz11, Gra10a, KLO8, LKI11, MKN14, PRS14, WW03]. Specialized [QOvdG01].

Speciating [GB06]. Specific [KRS13, KRS14, PP92, SK93, MRS+14, SS94b]. Specification [AS00, BR95a, BN94, RSW90, BFL+13]. Specifications [LSCA93, BCM06]. Spectral [SANY94, SSB98, AT03, CVK+18, CH06b]. spectral-screening [AT03]. spectrum [FCZ+12, GDC18]. Speculation [AC16, FKKR16]. Speculative [RG06, MG09]. Speed [BBH+97, Fer95, Li16, PVG09, SR91, WCYR08, HP97a]. speeds [LFS16]. Speedup [AMB95, DBP94, FFK97, Lun99, SN93, YH07, NW88, SC91a].

[Gar92, LZZ+11, OKB95, Ren11, RW93, WSA+94]. SPMD-style [LZZ+11]. SpMV [YLL17, ZGG+14]. spoofing [KMMZ06]. Sporadic [MAPF14, dOCS14]. Spot [LKK94, TY90a]. spots [LK90]. Spreading [REZN17, SIY14]. spreading [ZXGD18]. square [BB5b, EL91, LTW+90, XBK07]. squared [RIZ90]. Squares [CB95, EL91, LTW+90, XBK07]. Squashed [BG90a]. Squid [SP08]. SR [DYL+12, GRJ+15]. SR-IOV [DYL+12]. SRAM [JP09, WCF14]. SRAM-based [JP09]. SS [CLOL17]. st [BCMV15]. Stabilization [CG02, GH02, HPT02, NA02, DDNT10]. Stabilization-Preserving [NA02]. Stabilizer [AD02]. Stabilizing [Ano02a, AS96, BGJDL02, BCDG02, DGDG10, DOL97, GH96, HNM02, KY02, Kar02, NM02, AFTN17, ADD17, BFG+93, BBS13, BDP16, CDDL10, CDD+15, CW05, CAK13, DLV11, DB08, DJ16, DPBNT12, GK10, GS03b, JM14, MM07a, PV07, Tur12]. stable [AMK+07, SKK+14, SLW10]. Stack [PVGG06, CS06b, HSY10]. stackable [SSX14]. Stage [FT94, SZZ0b, CC14, HDJ08]. Staging [EDÖ05]. Staircase [Mck94. stalling [BHPP05]. Standard [CB99, PF08]. Star [FA95, KAM94, Laj95, LF94, OS97, OS93, PRW94, RW97, RWY93, RLS96, SAOKMA02, dBL95, AAD03, CM03, DFP06a, FMM+08, PK04b, SS05, WC02, SRT+18]. star-access [DFP06a]. Star-Connected [dBL95]. Stardust [CP07]. Stars [MR03, WCWH03]. starvation [LASS15]. starvation-free [LASS15]. stash [YPCW16]. State [FKB17, HB97, HNM02, KM92, LSH+13, NC17, PSC+16, ASKO16, AS18, AD12, CWL05, GÖÖ16, GFC14, KA05, LMR05, LW06b, MS09, WCO+09]. State-based [LSH+13]. State-Space [NC97, MSM09]. Statement [AMB95, DR95, ALS91]. Statements [KHS96, SOG94]. States [Kop97, TG97, FZ90]. Static [AKSM08, BPN90, BS+01, SBM08, CC91, ERA95, GF89, KK+11b, LC90a, LK94, LA04, MSd+95, OD95b, SSM+06, YML14, BSS+13, DK08, KA08, KMS+06, MCd89, PC11, SSS08, SWP90, SSM+07, ZXY11]. Statically [LB90, Mat06]. Station [GPT06a, RBD08]. Stations [DKMV01, DDNS06]. statistics [GA90]. steady [LMR05]. steady-state [LMR05]. Stealing [Ano00d]. LSH97, LSH09, DKKV15]. Stein [QOvdG01]. Steiner [LY10, St17]. Step [CW00, Bog17, KKR14, Yan04]. steroids [Bar05]. sticker [GPX08]. Sticky [Kop97]. STICS [HZY04]. Stigmergic [PR06]. STL [Kop97]. STM [HHS12, PRP17]. Stochastic [CTD99, FX06, HPT+97, JSS92, QZ94, RS92d, SSM+16, SWS08, ZS13, BM11, CMT92, MM06, MS86, MBO11, WMG13]. Stochastic-based
stop [LLT12]. Stopping [BSS99, AMT13]. Storage [CLV95, HLL95, LB05, BCK+09, CGG+09, FLCB10, HZY04, HK04, JWH+17, KR12, Luc18, MAPF14, MPG17a, SSX14, SWW+17, WCWO17, WWW17b, XCLR07, XSYG18, YYLC11, ZV09a, ZYW+15, ZGG+14, ZWGX16]. Store [CP90, NS95, VA07]. Store-and-Forward [NS95]. stores [ZWQ+16].

Storm [KKH17]. straight [GC07, Wri91]. Strategic [RA11]. Strategies [AM07, BDjQ86, BHK+94, BCR96, CP92, CGA98, DL01, FF98, GJG88, GM99, LK98, LHMI5, Lun94, MS99a, OP98, SMH94, VB02, VA03, YB95, YL98, Zha92, ZM94b, BMARW07, BHS13, CGM14, DM94, GRV08, GM14b, HV13, MVF05, PP06, RAB08, ROB+18, SSSZ13, Wu11]. Strategy [CS00, GMM00, HHC98, KBC+01, MD13, PAM94, RS92b, ASD09, ASES15, BBM08, CTT16, DLW+12, EM11, GOH+13, GRD05, GMVRS16, GLD06, Hsi04, JF12, KVA18, LY91, LL07, LVP07, Ngo06, SK09, SRT+18, TLLV10, TW15, WCC02, WYW15, ZV06, ZVLI11, ZV14, ZVL15]. Stream [HPT+97, WQZ+13, AAK+13, ARM+05, AM11, CK08, DFLO17, EI07, GÖÖ16, KKH17, MTL+18, RCG18, RAN+17, ZH15]. stream-based [ARM+05]. Streaming [PS14, CGKY12, GRR13, GHC+17, HK05, JHL+18, LCCL10, WCXL11, XYDL06]. Streams [MM93, WUG99, AGYW11, LVP07, LY08, ST14]. StreamTMC [WQZ+13].

Stretch [GG01, SBC¸12b]. stride [AM13]. String [BL94, RS90b, CKK+13, Kri91, MM07b]. strings [SCS+08]. Striping [CT93]. Strongly [SZB92, MHPR05]. Structural [AGG98, SM92b]. Structure [DL99, FMP98, MBN95, PL98, Tze93, AFK14, BB85a, CZ90, FGZ03, GV86, GB11, HK05, JdSJC+15, Lis90, MJ03, MSZ05, NZA13, Par89, XLIHT13, YL12, YC04]. structure-aware [HK05]. structure-based [ARM+05].

Structures [Ano96j, ADM+94, CCRS92, DOP98, DRC90, Gup92, SI92, ZM94a, AY12, FC904, GZ08, HA05, JLS86, NCT+07, Zsa16]. stub [WSS91]. students [Ada17]. Studies [GT02, HCAA93, CCE+17, SCB08]. Study [AAD02, BJ96, BA01b, BS96b, BS96c, Cha96, GK98, HBG97, HPT+97, HBJ98, MS99a, NBP98, Ora94, QM01, RSD94, SS93, SRRV94, WNA+94, WLR90, YMR93, AP91b, Bad04, BJ18, CBM+08, CT94, DIF91, FRM15, GRR+05, HJ90a, HD13, HA91, LGZ+10, LPX05a, MCAS12, NTK17, PCMM+17, PP13, PTK+13, RÖE+18, TB90, TdAR18, WLCZ15, WMG13]. Style [SS00, LZZ+11]. subclasses [CP04a]. Subcubes [SR95]. subdomain [CEG07]. subgraph [Pla13]. subgraphs [BCH15]. submachine [FP06]. Submesh [SP96]. subproblem [SMT15]. subscribe [ZW13]. subscriptions [ST12]. Subsequence [MS99b]. subset [WLL16]. subset-sum [WLL16]. substitution [GPX08]. Substrate [KMKD97]. Substring [CB96]. Subsystem [GGD93]. subtasks [SSM+06]. Subtree [DP00]. succinct [BHR91]. Sufficient [S96, Ste17, AHeC90]. Suffix [DP98, CS06a, GZ08]. suitable [PGS06]. suite [GN15]. Suited [PRS97, GS91b]. sum [WLL16].


Synthesizing [SL89, Che86]. Synthetic [Pop91, AAK+13]. Sysplex [NKC+97].
System
[BB95, BBD+91, BA01a, Bev02, BMM97, BJK+96, CP92, CP99, DHR96, DSD+97, DH95, DT92, FKB17, FPD93, GH90, HBCM99, HCS+00, HLL+95, HWLR14, Kay93, KMB91, LP96b, Lu01, MNL00, MKY+97, MBL+92, MO97, MS96, NKC+97, NsPPC02, SEP96, SG96, Tse95, UR94, wXH00, ZMPE00, dR09, ABC+88, AMK+07, BL05, BCK+09, BGA12, BMF05, BP05, BSS+13, BYH+17, BJ18, CBP02, Car95, CLMRL15, CSW08, CCEB03, CDJ+89, CK91, DS04a, DJ91, DTK11a, DLW+12, DB86, DMS+16, EC89, Fer90, GTGLSA12, HJ90a, HM06, HLBM16, HWL18, HHA14, Hus17, JWS9, KHN17, KCD08, KS13, KSB11, LMK18, LFH+03, LC91b, LLWC17, LY13, MM07a, MK08a, MC03, NAK04, NTC03, No12, OEE07, PK08, PK10, PLD14, PK05b, RV13, RBA+18, RAN+17, SPRG+12, SSM+16, SFT+13, SC04, SK91, SSX14, SSL04]. System
[SM86, SV18, WD04, Wan06, WHW+17, WS06, WZQ+13, WYT13, YCH+10, YLB90, ZV09a, ZMC06, ZHH15, ZW13, ZJ06, AGWY11, HCAA93, Sie16, Sk16]. System-Level [Kav93]. Systematic [IAS+92, KK95, LB89, WAS88, ZTGL17]. Systems
[ASH+01, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02u, ADS98, Bah00, BBM+02, BRR94, BPR99, BW95b, Bou02, BN02, BS96b, BS96c, Cas93, CS93a, Cha94, CWW90, CY95, CK97, Cho95, CbedCD00, DSS94, DA97, DS96, DSW94, DAYA02, DG94, EMP+96, FGKT97, FTO00, GCKM97, GM99, GRR93, GK93, GMM00, HKT+91, HNM02, HILLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, LH92a, JF95, JSM94, JRR99, KS97a, KBC+01, KCV99, KE93, KS93, KM91, KM92, LF92, LT94, MRRS98, MAS+99, MT95, MMVR97, MM93, MRR+02, MC93, Mir91, NCS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, PPM99, PP92, QY94, QB+97, Raj01, RDS02, RA96, SM94, Sch91, Ser97, SL95, SRGB90, SSF94, Sun02, SFC17, THN+93, TH02, TY95, Wi92, WF93, WF96].
Systems [WUG99, XH91, YH97, ZR00, Zia92, ZM94, van96, AL04, ALM+16, AA16, AAK+13, AOSM04, AOSM05, AD12, AM90, AF06, ACC12, AA15, ABBD14, AH06, BMB+08, BBCQ13, BB03, BDGR13, BW09, BPR03, BJS03, BK08, BS92, BKMT14, BD04, BPW05, CWL05, CNLRL18, CRK+09, CF88, Car90, CC06, CKWT17, CTC11, CVJ09, CRJ10b, CGW+03, CI86, CP17, CAF+11, COF+17, CSW+17, DZC17, DK08, DFP06a, DB11, DDNT10, DGFGK05, DGDF10, DM04, DWYB10, DM90c, DQR+09, DO06, DLB+12, DO04, DH91b, FJ04, FWM+10, FPS11, FLCB10, FX10, GMMP12, GZG+17, GL98, GNT04, GMVG16, Gos90, GS91b, GWL94, GC05, GRR13, GBM07, GF89, HRC09, Hal05, HC09, HOE+09, HBC15, HCOZ4, HS86, HA06, HP06, HA91, HA05, HHK15, IRRS16, IS06, JSWB92, JMS86, JKE13, JST12, JLM08]. Systems
[JL11, JZZ+17, JWH+17, Kak15, KKR14, KHW13, KVA18, KME89, KVN17, KUA07, KyLPC17, KSG13, KAS07, KL05, KMS10, Kub17, KMS+06, Lai86, LLLC15, LCS16, LT02, LTL06, LGZ+10, Lan09, LZ11,
LLL06, Lee90, LHF91, LHK03, LJ05, LAK10, LZCY09, LASS15, LZ05, LC90a, Li06b, LVP07, LQM+12, LNAL17, LW89, LPLFMC+12, Lop13, Lop18, LCM+06, Luc18, LLS07, LM09, LXZ13, LLW12, MGSG12, MLMSMG12, MB13, MP10, MMK+11, MAHKZ12, MAKWZ13, MS86, MTS90, MFVP08, MLK12, MSK+16, MBH+08, MRGRK14, MRT18, N LB+18, NFHL13, ND12, NZY+11, OS04, PMV06, PRHB06, PC11, PH16, PTA08, PF91, PMdo11, QGZP17, RLA+16, RLA+17, RLH03, ROE+18, RN04, SSFP11, SW12, SDDTD04, SP08, SPH13, SFT+13, SYYU07, SS08, SCB09, SU87, She09, SCS+08, SCMS12, SXZ06, SHLN09, SY04, SHL+13, SCJ+08, Sie16, SLKK13.

systems [SI13, ST05, TLLL10, TLLV10, TLQS12, TFMS15, TW89, Ter16, TRSS06, TB90, TCHC12, UAKI06, VMMB10, VS16, WCWO17, WXZ05, WTC08a, WTC08b, WDDK09, WLST16, WZZ+17, WWW17b, WSG91, Wu11, WSLC11, XHY07, XQ07, XLL15, XLT13, Yan04, YLL17, YL89, YQTV12, YZW+15, YYLC11, YZX11, ZAB18, ZZ90, ZAAB17, ZFS07, ZYW+15, ZTFK16, ZV09b, ZQMM11, ZBW+17, Zim00, dG91, dIAMCFN12, FPS12, 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, WAS88, Zim90].

cr [CRJ10a, PTK+13]. T [CRJ10a, Table [LACJ18]. Tables [TT10, ASD09, HKW05]. Tabu [BSH15, Cza13, CB11]. Tackling [SMT15]. tag [CRK+09, VRGS17]. Tagging [GHH92]. Taking [CL03b]. Talent [JJ11]. Tall [BDG+15]. Tall-Skinny [BDG+15]. TAM [CGSV93]. Target [ERL90, CJDC10, KO11, NDP13, WW07, YCC05]. target-driven [YCC05]. targeted [BKK+11]. targets [BFKP04, CRWX12]. Task [AKPT99, AH06, CDY97, DA97, DDD98, DAYA02, DL99, DRST02, ERS90, FZWL12, FKKC97, FY97, HBCM99, HKT+91, JTZZ11, KLZ97, KA97, KA99, LL98, MSSE02, Moh97, SMO14, SdS97, SZ00b, SCJ+08, SS94a, SV00, SBKB90, SYG92, UAKI06, UR94, VS99, WSRM97, YCY+00, AAK+13, BKS05, BD05, Bat05, CDS10, DK08, DK11, DGG+17, DO06, GQZ18, JL11, KHW13, Kim17, KA05, LLL06, LI16, LSC+15, LZX11, MCC04, OA10, PKN10, PK05a, PA15, SP13, SWP90, STK11, SBZ16, TDP15, VS16, YWQ+11, ZTFK16, dOSCS14]. Task-Level [HKT+91, SBKB90]. task-scheduling [Kim17]. tasking [Lun90]. Tasks [ABM+92, BS+01, DJ98, ERL90, Hag07, Lat95, LWW+97, MAS+99, NMV97, NMS93, PS93, RDS02, Sin87, AOSM05, BFM+18, BHLT14, BH05, BSMH08, CCK11, CDY+07, DRR13, G15, H15, H14, IKS87, KUU07, KSS+07, KMS+06, LMGLGLG17, LHK03, Ly06a, Li06b, LQM+12, LB09, LLS07, PK05a, PEB13, RR05, SSM+16, SB+12b, SNC12, SSM+07, XLL15, ZV09b, ZHLQ12, dSS11]. Taxonomy [FEI+14, HM96, Sin93, HBC15]. TCP [BM11, VLL+14]. TDFL [SBKB90]. TDM [LL00b]. Teaching [CTS17, PBB+17, Ada17, FKR+17, GAC+17, HSS17, KTH17]. teamwork
Techniques [ADM +94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS96, ARP18, AOSM04, BBR13, CDB04, CDR09a, CD95, FM85, Gao89, GRR +05, KA08, LPK +10, LF88, MBW16, Pia08, RM11, Raj08, RG87, SFEF06, ZWWX16].

Technologies [ADM +94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS96, ARP18, AOSM04, BBR13, CDB04, CDR09a, CD95, FM85, Gao89, GRR +05, KA08, LPK +10, LF88, MBW16, Pia08, RM11, Raj08, RG87, SFEF06, ZWWX16].

Technical [Ano93a].

Technique [BN94, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, ASKTZ13, CX05, CRD12, DeG88, EE05, KK11, Nes10, Nic88, PVGG06, RBB17, WCF14].

Technologies [ADM +94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RSS99, Tay02, UZSS96, ARP18, AOSM04, BBR13, CDB04, CDR09a, CD95, FM85, Gao89, GRR +05, KA08, LPK +10, LF88, MBW16, Pia08, RM11, Raj08, RG87, SFEF06, ZWWX16].

TEASE [ZBR11].

TEES [ZWWX16].

Telescope and Space-based [KN98].

Telescope [ZWWX16].

Telescience [PLL +03].

Telescoping [KBC +01].

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, DFLO17].

temporary [Wan06].

Ten [TAS +01, KA08].

tenant [PVRS17].

tensor [IEWK17, LGK +12, SMH +14].

terabit [SH98].

term [BV13, LKM12, MBS +12].

terminal [HHC98, Li17].

terminals [HB11].

terminating [Lin93c, MS15].

Termination [ASR93, CW93, HTB98, KHK03, Lai98, Ric98, Tse95, CV90, Eri88, MD07, MFVP08].

ternary [GNW03, KRM14].

test [GRS97, PKK91, Soh96, WW97, ALLM11, DWHL87, LTG14, NCA +12, ALLM11].

test-and-treatment [DWHL87].

testbed [HGFF10, LBE03].

testbeds [VPHML06].

Testing [CY95, GFB +92, GS99, KW02, WG93].

Tests [Psa96].

tetrahedral [CZZ +17, LWCC15].

text [BV13, PAG +18, SWW +17, WD13].

Their [Kop97, BM08, CRWX12, SI86, TDM05].

Themes [RKY97].

Theorem [SHSH17].

Theoretic [AaJS01, KK10, MGRRK14, PC11].

Theoretical [HC97, LZC11, CKT11].

Theory [CC08, DM90a, PTA08, VBM90, ZLCJ12, BDjQ86, BM08, GRDB05, Zim90].

Thermal [SHSH17, LFS16, OJP +18, SNMB16].

thermal-aware [LFS16].

thermally [TKKH17].

thin [ST08a].

Things [NLB +18, WCCH18, WYJ +18].

thinking [CCE +17].

Thinning [KLP10].

Thread [OTKT12, CGM14, CDAN14, DWYB10, LK13, RSCQ17, SLG06, ST05].

thread-parallelism [RSCQ17].

Threaded [NS97, BBH +17, Kep03, LK15, PYP +10, CGSV93].

threading [Ngo06].

Threads [GSC96, LFA96, SEP96, TG99, DKRI09, PMdO11, PL03b].

threats [SEF06, TKG +17].

Three [FFC04, FL +97, FT94, GG01, GH96, KR98, NEG85, PD92, SSG93, SSOb02, YMR93, ANEA13, LW06b, LDS16, YJL16, ZFS07].

three-body [YJL16].

Three-Dimensional [FL +97, KR98, NEG85, FCG04, ANEA13, LDS16].

Three-Stage [FT94].

three-state [LW06b].

Threshold [BFMT +18, CGA98, NKV14, PAM94, Nik04].

Threshold-Based [CGA98].

throttle [XCX08].

Through-Wafer [MLW +97].

Throughput [FM99b, HW08, HB11, JSS92, MMVL11, BS07, BLMB13, CLA +18, DW12, GRR13, HVW16, HWLR14, KSB11, LMSK18, LMR05, LH +16].
LNC13, SA11]. Throughput-coverage [HWC08]. Throwing [Tse95].
tickets [LMJC11]. tier [MZZC12, MCZ14, WQL14]. Tight
[BBH+98, FSZ07, Mat06, CH06a]. tiled [JHF+17, WQZ+13]. Tilera
[PCMM+17]. Tiling [AR97, CWW96, RS92a, Xue97, KSG03]. Time
[AAL95, AK93, Ana14, Ano09dc, ADS01, BPJC92, BBM+02, RA96, BM04a,
BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Ch94,
COS+95, DP98, DS01, DJ98, DD95, EL97, EMP+96, Fah96, FBK98, FY97,
GS99, GM90, HRG+11, HA92, JR95, JH92a, KF95b, KS97b, KEA95,
LTWY95, LTY96, LP97, LVR90, LM96, LAS97, LFA96, MMRS98, MT95,
MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, Nas94, NIR86, NH93,
NP99, OCE95, OS98, PW96, PLY15, Pe90, Pe95, PS93,
PM96, PM92, QMCL94, RD92, RU99, RAS96, R98, SCMB90, ST92,
S902, THBF97, TVS97, WBTM09, WA02, WS97a, WLID02, ZLPP01, Zim96,
v96, ASOM04, AOM05, ACCP12, BNP02, BVG14, BDGR13, Bog17,
BPP05, BKK+11, CH06a, CCK11, CRJ10a, CRJ10b, CLL09, CLR90, CCN06].

time [DLV11, DKRC+15, DHK04, ED005, FC14, FKLB08, GZ9+17, Gos90,
GF89, GREC91, HOVC90, HA06, HV13, HL07, HZDP12, JZZ+17, JHL+18,
KK94, KSSL16, KKW17, KRL87, KSG03, LFS16, LR14, LHK03, Lee03,
LS+17, LZC90, LL15, Li16, LML10, Lis90, L92, ML16, MLGD12,
MAM05, MAKWZ13, NA06, NV9+11, Q90, RLH03, SI86, SS11, SB16,
TBZB05, TZH+06, VWH96, VA07, Wan07, WTC08a, WTC08b, WL05,
XL11, X95, ZHH15, ZQMM11, ZHQL12, ACD+93, CBP02, CX05].
time-aware [MHLZ16]. Time-bounded [NP99]. Time-Division
[QMCL94, ZLPP01]. Time-division-multiplexed [HRG+11]. time-domain
[SS11]. Time-Efficient [EL97, MS99]. Time-Optimal
[BOSW94, OS98, P90, Lis90]. Time-optimized [Ana14].
Time-parallel [WBTM09]. time-scale [ACCP12]. time-sliced [KRL87].
Time-Varying [KEA95]. Timed [NM95]. timeliness [ISM07]. times
[SFT04]. timestamps [MS92]. Timing
[ADS01, BSS99, CB99, Ka92, CSJ+13, FVBL09, IS07, KKK+11b].
Timing-Driven [CB99]. TInMANN [VM95]. Title
[An98, An99b, An00c, An01b, Ano02d, An03b, An04a]. TLA
[SHL+13]. Tlib [RR05]. TM [FKKR16, FWM+10]. Toeplitz
[GOH+13, ABGV11, ADV14, BB90, HM99, Ter16, VG08].
Toeplitz-based [GOH+13]. Together [WLID02]. Token [AE95, BGJD02,
CP90, FFK97, GH96, HP00, YY96, CRD12, HSW04, PV07]. Token-Based
[AE95, BGJD02, HP00]. Token-Chasing [YY96]. Tokens
[SA93, SGAC14]. Tolerance
[BSS97, P901, PM92, mYF92, BJ15, BDDL09, CLMRL15, CWL+07,
C909a, LCC+05, LH90, LFGM17, LP88, Pak89, PAS15]. Tolerant
[AE95, AM97a, AM95, BM97, BW95b, BCH95b, CR94, CL93, CC94,
CF98, FM99b, GRR93, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96,
MD01, PB95, PK97, SCC92, SS95, WIKC97, Wu94, YBO97, ZY02,
Tolerate [VR95]. Tolerating [DT02, GS00, MG91].
tomography [BDRB14, FCG04, FGG08, KSSL16, PLL03, XTN12].
Tool [BN94, DBKF90, ZNQ93, Ada17, KKVI05, PF04, TD07].
topology [BN94, DBKF90, ZNQ93, Ada17, KKVI05, PF04, TD07].
toolbox [EFG14].
topologies [Bal90, Cas93, MLC90, MSH90, NT90, DB08, GL12, GL90, KBC10, LCW05, LMP10, MBBD13, PMCC18, RCG18, Seb91].
topology-aware [KBC10, MBBD13].
Topsys [BB93].
Torus [LHS97, MT93a, Man97, AB03a, GLD06, LXLS12].
Traffic [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, B318, CRD12, FL86, FM+08, LF90, LHL14, MPG17a, OOSGV+16, SAOKM04, SKMM04, WG08, YBM13, Zah12].
traffic-aware [LHLM14], trails [PR12].
Training [LWOG02, SMKL93, ZLS17].
transaction [SI13, YWD08, Yan09].
Transactional [AM12b, Gra09, Gra10b, MP10, BGA12, CGM14, DT11, FWM+10, GKK+13, HGFF10, KR17, QGZP17, RSCQ17, SDS10].
transactions [CC16, FGG17, MLMSG12, UB10].
Transceiver [DKMV01].
Transfer [Lu01, CK06, JKV15, LGG08, WH17].
transferability [CSS11]. Transfers [NSSS99, GLGB12, LMGLGLG17, SCMH13].
Transform [BA05, CP91, DS01, Fer93, GZ97, LN91, JS94, Lla17, CVJ09, DS04a, DRRW85, ESTA94, FS04, IH16, SSL04, TKHG04, CVK+18, LLCL98].
Transformation [MG98, SC91b, TD02, PAH+98, GPT06a].
transistor [FPM+14].
transistors [LC14a].
transition [SP13].
transition-aware [SP13]. Transitive [AW95, YMR93].
Translating [FP06]. translation [NCB+17]. translators [YLB90].

Transmission
[DP99, JK00, BDRB14, CPA+11, HOVC09, OS04, OMSGNSG05, YA11]. transmitting [BR91a]. Transparent [LMY+11, GVA+08, LLY15].

Transparency [DP99, JK00, BDRB14, CPA+11, HOVC09, OS04, OMSGNSG05, YA11]. transmitting [BR91a].

Transparent [LMY+11, GVA+08, LLY15]. Transparently [AFT00, KLJ+11]. Transport [GRS97, MSH90, NPGW10, PKW+10, WCL+13]. transportation [OO05].

Transposing [Swa98]. Transposition [Ede91].

Transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13], transportation [OO05].

Transpose [CT96, ZMPE00, BG16, SAOKM03]. Transposing [Swa98]. transposition [Ede91].

transport [GRS97, MSH90, NPGV10, PKW+10, WCL+13], transportation [OO05].

Transposition [Ede91].

transputer [LC92]. TRAP [GRS97]. Traps [SD00].

Transposing [Swa98]. Transposition [Ede91].

Travel [KSSL16]. travel-time [KSSL16]. traveling [WMG13]. traversal [BBS13, CMN12, YFBY17]. Traversals [OO95, El07, HMR15].

TreadMarks [LDCZ97]. TREASURE [MP15]. treatment [DWHL87]. Tree [AAP01, AS96, BBR94, BM97, BCLR96, BE95, BF01, BS00, COS+95, DVZ96, FA95, Goe94, GS01b, HR92a, KC99b, LPS+98, OD95a, OOW95, PL94, SLP+98, Sk96, Tze91, Wag94, ASC+18, AB13, BFG+03, BM14, BC05, BE13, BBRB11, BBL04, CG12, CRD17, DJ16, EB09, FMM+08, FJSW90, GA90, HSS10, HMR15, HSW04, th90, IKS87, KG10, KSK15, LY10, Li10, Mit07, OC07, PV07, Sch99a, SAF05, SV18, SK05b, TG03, TR16, WW12, Wu85, Zah12, LZSL06, BCC13, GB11]. tree-connected [HSW04].

Tree-Dags [BCLR96]. Tree-Related [OD95a]. tree-structured [GA90, IKS87]. Trees [AP94, AS94, ADS98, BBN93, BP02, CS95a, DM95, DP00, DLS00, DJM94, DLP99, DS93, Efe96, HKMU98, HM01, HS94a, HHC98, Iq92, LP96a, MD98, PM92, ST02, SHL95, TT98, Wag93, WW96, WB01, WFL98, ePP00, BNP02, BL89, BMIM07, CI03, CS06a, CFJW03, CDR09a, DGNW13, Efe91, EG8Q+11, ESGQ+14, GH10, GZ08, GNP3, HPT07, HAC17, JLY12, KKN13, LVP08, LMZ04, Lin03, LHT08, LFZ+17, OMSGNSG05, PD05, PPC04, RDA18, SKK91, TDM05, Wag93, WL90, WC91, WFZ12, WIB12, YZLT09, YMLP14, Zep91]. Trellis [LCC+06, SGdSS13]. Trends [ACB+15, ER97, KKKG14, BHS13].

Triangular [IK94]. Triangularization [KK68, CDR90, EM89].

Triangularizations [Par92]. Triangulation [DFRCU99, LS95].

Triangular [IK94]. Triangularization [KK68, CDR90, EM89].

Triangularizations [Par92]. Triangulation [DFRCU99, LS95].

Tridiagonal
[CTZ99, Kau94, CK91, EM89, Gao86, MRT18, PP13, SPH13, Ter16].

Tridiagonalization [BB85b, BW08]. trigger [FMR05].


Tuning
[CSMM10, SB02, T4AR18, ABGV11, HPT07, KKR14, MYD+11, MML07].

Tunnel [ZBR11]. Tunnel-based [ZBR11]. Tuple [STK12, DRT07].

Turbulence [LLCC02]. TWDM [LLJ00b]. twig [LSZ15]. Twisted [HTTH02, AP91b, FLP07, LFZ+17, WFZ12, XZ16]. Two [AAJS01, BNS00, BHH+17, BP01, Cha94, CCC92, CEF+95, DD96, DKU15, Gos90, GT97, Hwa97, KLZ97, KL84, 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, dIAMCFN12, Two- [Hwa97]. Two-Dimensional [LP96b, YCY+00, NAK04, AB05, Deh90, LC91b]. two-fixed-endpoint [Hsi04]. two-layer [dIAMCFN12]. Two-Level [KL84, Qia97, RP95, SSHC00, BBH+17]. two-list [WLL16]. Two-pass [DD96]. two-fixed-endpoint [Hsi04]. two-layer [dlAMCFN12]. 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, QGL+09, MV94, MVV91]. types [ASB18, RJKL11].


understand [BCFF05]. Understanding [BDF92, DBKF90, ECLI12, NEG85, XS11, CDJ+89, ROE+18, WRHR91]. underwater [ZWW17]. undirected [STA12]. uneven [SMT15]. Unfair [KY02]. unicasting [SKMM04]. Unidirectional [KY02, KUFM02, RMC97]. unification [RM90]. Unified [AGG98, BL90, CP10a, DM95, JBL02, Amm16, ABO+17, IHI16, KH89, XRB12].


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MS00, Ola01, THGY15, WL05, ASM09, Amm16, AP03, AHB12, AYB+15,
BFG+03, BM11, BS07, BXA08, BWP+11, BOY10, BPRS04, BOP06, BC11,
BN03, BPA06, BJL18, CCW14, CKN07, CCK+08, CRWX12, CLL09, CMS04,
DW06, DLLL11, DMB+03, DGBN14, DHL11, DKM10, DF06b, EBE08,
EM11, FCD11, FCML13, GY10, GDP08, GP07, GY+04, GDL+11,
GYP13, GZ14b, GM14a, GL12, GMXA07, HZA+15, HMV07, HJ07, HS12,
HWWH08, HWCO8, HZDP12, JF12, JLY12, JBS14, JHL13, JLIW11,
KKVI05, KSI04, KKK11a, KOA09, KO11, KO12, KSK15, KZ11, KK10,
KDH08, KKTZ13, KGN11, KNS06, LZ08, Lan09, LZ11, LD+17, LY10,
LCW05, LW06a, LC11, LMCJ11, LWLD12, LL12b, LS03, LU14, LR03b,
LIW07, LZC11, LSWC14, LDS16, Los8, MAGL13, MPV12]. wireless
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PLR07, RM10, RM11, RLP14, REZN17, SN12, SZMK13, SSZ10, SMK04,
SK05a, SCLL10, TBHA07, TLY12, TM10, VHH08, VRM10, WW07,
WTB+08, WMW09, WBTO9, WL11, WCXL11, WH08, WBR13,
WWA+18, YKLA08, XHZ+10, YpGyLiC13, YSL08, YZX11, ZMG+16, ZW11,
ZBR11, ZLCJ12, ZSCLX18, ZTGL17, dOBG+15, LDP+14]. Wireless/Mobile
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