Title word cross-reference

(a, b) [DJM94]. (f, g) [CDD+15]. (k, 2) [EMMM94]. (κ − κ) [KT91]. 0
[dADC18, EE05, PMV05, PM96, SM89b]. 1
[dADC18, EE05, HV09, JM14, PMV05, PM96, SM89b]. 1 − m [SJG19]. 2
[Ano93e, BDKM94, BAES92, CHCG18, CS92, CS93b, DJDK19, HSSM07, HHC98, KRKS11, KLC05, LME95, MD01, SS94b, TSFZ14, Tur12, WC91, WS95, Wu02, YA11]. 2.5 [MPG17b]. 2 log N − 1 [CC14]. 2 × 2 [PD92].
3 [AA14, AA16, BDRB14, BAL05, BC94, CW00, CCCM96, GÖH+13, GW99, Joh89, LLFJ18, NM17, OGRV+12, PYP+10, PEC95, WC91, Wan07, WS95, YA11, YB01, ZLS17, Zsa16]. 4 [KMC16, MD01]. 45 [HRF+11]. 4 × 4 [Jia99].
5 [CCCM96]. *1 [HCZ04]. *2 [HCZ04]. + [OC07]. + [HCZ04]. 2 [ASST05]. 3
[ASST05]. B [YL89]. C3 [HK96]. C3I [PAJC97]. d
[DFN+94, DTK11b, LSC00, VB94]. oW [MRRT07]. G [BFKW13, BNP98].
GF(2^n) [SKH15]. h [GS98, KLP10]. hp [PPTV+10]. K
[ACU08, BE95, DWG03, DBCF13, HHC98, SHL95, WL11, Amm16, BVB02, CDDL10, DW06, DH91a, GP00, KK98a, PD05, PK04a, PRHB06, PK07,
RP98, RDA18, SSKS11, San99, SAOKM03, SGR03, SLP+98, SZ00b, SDG17, TT98, WCH+17, WS97b, YTH07, YD98, ZHT16. \(k(n - k)\) [Lin03]. \(K_{1,3}\) [LLFJ18], \(\kappa [XL95]\). \(L [ZBW+17]\). \(LTQ_n [XHZZ16]\). \(LU [FHL+15]\). \(M [YLB90, ABBD14, SJG19, WTB+08]\). \(N [AY89, IHM05, NTA96, AKPT99, BVB02, GL90, LLFJ18, NS94, PK04a, RP98, SAOKM03, WS97b, XL95, YTH07, YD98]. \(\nabla^2 G [CL85]\). \(nn [PK07]\). \(n \times n [\cos^+95, NS94]\). \(O(1) [Can18, GP94, Wan07]\). \(O(\log 2 N) [BNP02]\). \(O(\log n) [JBL11]\). \(O(\log \log N) [DP98]\). \(O(\log N) [GS99]\). \(O(n) [DLV11]\). \(\Omega [MRRT07]\).

\(-\text{alliances} [CDD+15]\. \(-\text{ary} [BVB02, DP00, Lat98, LLFJ18, PK04a, RP98, SAOKM03, SJG19, TT98, WS97b, XL95, YTH07, YD98, SHL95]\).
\(-\text{Bandwidth} [BM97]\. \(-\text{banyan} [YL89]\. \(-\text{based} [AK07]\. \(-\text{Best} [BE95]\).
\(-\text{Body} [SHT+95, IHM05]\). \(-\text{Chain} [BNP98]\). \(-\text{clustering} [CDDL10]\). \(-\text{connected} [DW06]\). \(-\text{coverage} [Amm16]\). \(-\text{covered} [CHCG18]\). \(-\text{Cube} [RP98, PK04a]\). \(-\text{Cubes} [XL95, BVB02, LLFJ18, SAOKM03, WS97b, YTH07, YD98]\).
\(-\text{Delta} [YL89]\). \(-\text{Dimensional} [AKPT99, CCCM96, DF+94, VB94, DTK11b, KLC05, LSC00, SGR03]\).
\(-\text{disjoint} [KMC16]\). \(-\text{dominating} [DW06]\). \(-\text{Extra-Stage} [SZ00b]\).
\(-\text{Gaussian} [WL11]\). \(-\text{hop} [JM14]\). \(-\text{Item} [San99]\). \(-\text{labeling} [CP04a]\). \(-\text{Level} [GS98, PRHB06]\). \(-\text{limited} [WTB+08]\). \(-\text{Means} [DBCF13]\). \(-\text{MSA} [BFKW13]\). \(-\text{mutual} [RDA18]\). \(-\text{nearest} [SDG17]\). \(-\text{NN} [ZHT16]\). \(-\text{omega} [GL90]\). \(-\text{optimistic} [DWG03]\). \(-\text{packing} [TSFZ14]\). \(-\text{page} [HSSM07]\).
\(-\text{Pairwise} [GP00]\). \(-\text{Partite} [EMMM94, SLP+98]\). \(-\text{PIC} [YBX+13]\). \(-\text{plex} [WCH+17]\). \(-\text{queens} [AY89]\). \(-\text{reader} [HV09]\). \(-\text{Reducing} [GS00]\).
\(-\text{relations} [KLP10]\). \(-\text{satisfiability} [Joh89]\). \(-\text{sparsi} [ANP07]\). \(-\text{stage} [CC14]\). \(-\text{structure} [LLFJ18]\). \(-\text{systems} [ZBW+17]\). \(-\text{Terminal} [HHC98]\).
\(-\text{time} [DLV11]\). \(-\text{Track} [MD01]\). \(-\text{Trees} [DJM94, HHC98, PD05]\). \(-\text{way} [KK98a, ACU08]\). \(-\text{width} [DH91a]\). \(-\text{writer} [HV09]\).

/\text{compute} [KAS07]\). /\text{many} [KSG13].

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

\(1 [HV95, MF94]\). \(-\text{Knapsack} [BW18]\). \(-\text{type} [GA18]\). \(-\text{Writer} [HV95]\).
\(10 [LB12]\). \(-\text{Gigabit} [HcF05]\). \(113 [KN18b]\). \(168 [ZFWF06]\). \(1D [PA04]\).

\(2 [ACYS08, AAL95, AR97, BLPV95, BSGM90, CDH84, DPSD08, FPD93, GH90, SI91, SMKL93]\). \(-\text{D} [AR97, BLPV95]\). \(2000 [Wee01]\). \(2002 [Sni03]\). \(2006 [Ros07]\). \(2007 [Pan09]\). \(2008 [Rob09]\). \(2010 [Phi13]\). \(2011 [Mue13]\).

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

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

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

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

71 [LSS+11a].

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

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

A* [DM94]. a-cyclic [BD05]. A-GHSOM [IZ12]. A-Star [SRT+18]. A.
[Ano92a]. AA1 [GCM95]. AAIA [TFV+15]. Abduction [eW95].
Abduction-Based [eW95]. Abductive [eW95]. Absolute [Wor93].
Abstract [CGSV93, RJKL11]. Abstraction
[DDO+18, GDN+98, IRRS16, LSZJ15, HCR12]. Abstractions [KB01].
accelerate [SDG17]. Accelerated [AB13, E107, DGNW13, DCA+15, Eme13,
GOH+13, KDO+13, LMSK18, SHA17, WLL16, Zsa16]. Accelerating
[AVAH18, DFST13, GAOHG17, RCG18, SH15, SHT+08, WD13, YL12,
YZG18, ZXB14, ZCS+18, AM12a, VBDRC13]. acceleration
[BAT+19, LLY15, NMS+18, UGG+11]. accelerator
[CNLGRL18, ICQ+12, PP13]. Accelerators [DF12, MKL12, RBN11].
Access [ALLM11, ADS98, Bal90, BP02, Bit92, BR95c, CW93, CH92, DP00,
FY96, HP00, OS93, San98, WMG01, ZRC99, AM13, BGLA03, BR91b, BC11,
Che90, DFP06a, ETS14, FA07, FC90, FLC14, HC91, KKK11a, KGN11,
Lan09, Lz11, IWZZ12, LC11, MLZY17, MYY17, MM07c, NSDZ18, NKK16,
Pd91, SM99a, SR88b, SR90, TODQ18, WTS03, WBR13]. access-aware
[MYYY17]. AccessAuth [TODQ18]. Accesses
[MRRV98, SR97a, SR97b, JZ05]. Accident [CCW14]. accrual [CRJ10b].
accumulations [SAF05]. Accuracy [EH01a, PPK91, CRWX12]. Accurate
[DD95, KK88, BFKW13, CGL+14, DJ12, 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, PSGS17, SI13, YT05].
active/active [HOE+09]. Activity
Activity-Based [AS00], actor [ASM09, YpGyLiC13], actors [GE85], ActorSpace [CA94], actuator [KKKP12, SCN12], Acyclic [GY92, AFM09, BP89, Zim90], Ad [Ano01e, GS01b, LC14b, RBP+11, TM10, XG03, AP03, AH11, AH12, ALF03, BFG+03, BM11, BGLA03, BOP06, BDF01, BN03, Bou03, CNS03, CW05, CYZ06, CDCD05, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMS06, GMXA07, HW03, HJ07, JLVW11, KK06, Kim11, KSK15, KNS06, LAZC00, LR03a, LPX05a, LW06a, LW14, LR03b, LHT08, MNO+14, OSL05, OM10, OMSGNSG05, Pat01, SNCP12, SSM+06, SGS08, SMKM04, SJS11, TC13, VA03, WTB+08, WGS08, WBTM09, WHS+18, XHG03, XWC08, YC04, YSS11, YWW12, ZMC06], ad-hoc [BOP06, CYZ06, KSK15, LH14, MNO+14], Ada [Lun90], Adaptable [Zim96, LLLC15, LFGM17], adaptation [BK08, GBMZ07, KG11, LS06, NZY+11, WMC+18, WYW18a], Adapting [DKRI09, Wei02, SW18, WRW13], Adaptive [ASH+01, AA93, AA16, AMN00, ACPT15, AYIE98, ACFK07, BLPA05, BOT13, BPR99, BL90, Bou02, CS00, CGM14, CLT96, DY99, DHB02, DMB97, DM99, FL0+97, ISM07, JK00, KR97, KKGS01, KG10, KLLK98, KB01, Lan94, LLY06, LPK+10, LC11, LME95, LEB98, ME04, MV88, MD92, MTS90, OB98, OR97, PW96, PR97, PIB+01, RDS02, SO06, SSK97, SJ95, SB02, SSOB02, SLG06, SH+05, TC04, Ten90, UES10, VMMB10, WCE97, WA02, WL10, YIY97, ZHLQ12, ZM94a, AOSM05, AGM04, APK18, AF17, BM17a, BCFF05, BMT12, BBS13, BEN12, CL03a, CMN10, CP04b, CDCD05, CAF+11, DMB+03, DLW+12, DAB+14, ESA03, GBA08, GA16, GNZ18, HNSA07, HHK15, IZ12, KK17, KMF+05, KKS08, LST17, LHI91, LHX+16, LW18, LA04, MCDs+06, MSAF04, MPG17a, MPN17, NKK16, OPG08, OS04, PPTV+10], adaptive [SMO14, SB12, SHLN09, SMB10, SHC14, TLY12, TKHG04, TT07, WW04, ZXYO11, ZLCZ18, ZWRI07], adaptively [Mit07], Adaptivity [OH02], ADDAP [DHR96], Addendum [Ano92a], Adders [NIR86], Adding [MSZ05], addition [OB88], Additional [LP97, CKN07], Address [KY96, SL97, TR96, 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 [MO11, AAA+10, MCZ14, RKK06, XYDL06, YJKD10], ADMs [FSZ07], Ads [BA01a], advance [CRH11], Advanced [BW95a, HDCM11, MCP+18, PH18, PSGS17, SD88a, TSD08, PLL+03, SHT+08, ZXMR18], Advancement [Lun09, LZ11, LVR90], Advances [GA16], advantage [CL03b], advantages [CCLS94], Adversarial [GBMZ07], adversary [dOCS14], advertisement [WGC09], advertisement-based [WGC09], advice [DP12], Advisor [uRIL+18], AES [ABO+17], affected [LdPLC19], 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, YHWY18a]. **agent-based** [FCC07, Rao16, SS06, YHWY18a]. **agents** [AK06, CSWD03, FP17, KERUM04, MS05, SGAC14, SMO+18, BJ18].

**aggregate** [AMT13, Yan09]. **aggregated** [WE13]. **aggregates** [Chi95, Chi95]. **Aggregation** [MBMC19, BCO+12, CDR09a, CDR09b, JBA15, JBS14, JHPL13, SSKS11, XHZ+10, ZSCX18, Zsa16]. **Aging** [BM17a, LC14a]. **Aging-aware** [BM17a]. **agreement** [AP16, GCS06, HC11, LLW13, TG04, TLL+18]. **AHMW** [BMT12]. **AI** [Ull84]. **Aid** [DBKF90, CVK+18b]. **aided** [SV18, ZMC06]. **air** [FL86, YBM13]. **Airshed** [SS00]. **Algebra** [CDH84, DVW94, KL01a, WM92, Eme13, FHL+15, ICQO+12, Joh87, KIA06a, LC14a, Shu95, SM00, TU92, TZ00, WSRM97]. **Algorithm** [AAP01, AE95, AM97b, AMS94, Als01, AS95, Aso93c, Aso94a, AS96, ABC+09a, ABZ95, Bai94, BCC95, BGR96, BS97, BPST96, BOSW94, BE95, BDDL09, Bou02, BX93, BHSR95, CLZ02, CGKK97, CCM01, CB99, CSW08, CS93b, CP92, CTZ99, CF98, CRFS94, DA97, DM90a, DMB97, DS01, DS48, DS49, DSAUM99, DLP97, DT97, FY96, FT94, GGN93, Ger98, GRR93, GP00, GSW99, Haw97, HH10, HB98, HO94, HM99, Hwa97, IZ95, JP95, Jin99, JKH00, KRSZ02, KSM02, KSW02, KX97, KA97, KC99b, LP96a, LO94, LHWV95, LP97, LPW02, MT97a, Mi99, MV94, MSST99, NTA96, NM02, Par98, PE93, Par96, PL94, PB95, PM96, PRS97, PM92, RR95a, Ren11, RP95, SAKMA02, SZ00b, SCC92, SR94, Shu95, SM00, TU92, TZO00, WSRM97]. **Algorithm** [WD94, WA02, WLID02, XWC+08, YZY96, mYyF92, ZB97, AOS+05, AT03, AA10, ALM+16, AA14, AA16, ALLM11, AK07, ATH91, AGMS04, Ara90, ADDB18, ARDQ18, BFG+03, Bad04, BC05, BCFF05, BSG90, BCH15, BFKW13, BDD18, BH05, BBL04, Cal06, CR91, CDDL10, CC14, CM03, CV90, CK99b, LP96a, LO94, LHWV95, LP97, LPW02, MT97a, Mi99, MV94, MSST99, NTA96, NM02, Par98, PE93, Par96, PL94, PB95, PM96, PRS97, PM92, RR95a, Ren11, RP95, SAKMA02, SZ00b, SCC92, SR94, Shu95, SM00, TU92, TZO00, WSRM97]. **Algorithm** [MMS09, MM07c, MP08, MMS09, NGO+13, OS04, OT86, PDP17, PK05a, PB15, PH04, PB09, QJ05, RH05, RG03, RT18, RBG17, RBOH+18, RDA18, KRS87, SSTP09, SCJ+08, SMP17, SA08, SKK91, SM08b, SWW+17, Tam18, TLQS12, Táti11, Ter16, TKHG04, TYA16, TSFZ14, WLL16, WSH+03, WJV07, Wan07, WG08, WGC09, WCL+13, WWW17a, WJ12, gWW18, XHY07, XL11, XQ07, XYZ14, XSY18, Yan04, YME06, YWJ+18, YÖ11, YSS11, YZLT09, ZNZ00, ZFWF06, ZQMM11, dOBG+15, CM10, KM17, LY12]. **Algorithm-Based** [GRR93, mYyF92, BDDL09, LP88]. **Algorithm-system**
Algorithmic Algorithms [Gao89, SCB08, BBH`17, CG11, JF12, LS05]. Algorithms [ANT02, AaJS01, AKP95, ABM`92, BJ96, BJ99, Bah00, BPJG92, BLPV95, BGJDL02, BAES92, BAGS95, BBMV`01, EP90, ESMG96, EMMM94, EL97, FTM`14, Fer95, FR96b, FA95, FV97, FCT00, GG94, GP94, GV94, GM96, GHSJ96, GMM00, HMM94, HQPT99, HCWS94, HR92a, HF97b, HTB98, HO94, IK93, IK94, Iq92, IM00, JW94, JS94, KRC00, KAM94, KLZ97, KG94, KA99, LHS97, LSH96, LHBB`01, LLCC02, MB96a, MMRS98, 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, SZB92, SY01, Sto90, SY92, Ten90, TV97, TC96, TFV`15, UD96, VB94, VR95, WNA`94, WR97, WA02, WD92, WN94, WT92, WHT00, WHT02, YMR93, dB95, AL04, AN93, ASC`14, Ara13, ACC12, AAC10, AF17, ARVZ14, ACF07, BC06, BKC`15, BBBC12, BMT12, BS87, BAS06, BOS`91, HKM17, CBF04, BRPR06, BPP05, BM08, CM04, CP10a, CF88, CRH11, CNS03, Che86, Che05, CRSB13, CRA`08, CRD17, CB06, Cuz11, Cuz13, DS04a, DH91a, DJ16, Dja04, Dja06, DCA`15, DKA15, DJT03, DM94, FHL`15, Fen90, FBRW03, FGG08, FJSW90, FM85, FCV05, GMP12, GP07, GZY14a, GM14a, Go90, GKH99, GWH06, GS03a, GC07, GN15, Han89, HSSM07, HSW04]. algorithms [ICQO`12, IC05, JMS86, JST12, JBM91, KR01a, KHT`14, KJD03, KS08, KAP90, KSSG14, KK10, KMS10, KKB`06, KS91, KMP`06, KR11, LW90, LL06, LW06a, LN9`12, LS88, Lin91, LS91, LS03, LLW07, LA04, LV07, LGG08, LV88, LS`16, MM04, MP09, MCAS12, Meg91, MCT06, MRS`14, MM07b, MS88, MKM16, MGG03, MV09, MASZ10a, SAZ10b, MAR87, NT12, Nik04, OA10, PKN10, PD05, PH18, PY09c, PL03a, PH16, PPSV15, PA04, PS14, PRG88, PS88, RTCG91, SSM89, SS06, SM99b, ST87, SPH13, SAF05, SZ05, SG808, SHRM19, SD888, SVSC10, Sto87, TY90a, TW87, TK08, TWQS12, Tu12, VAF19, VS16, WC91, WCWH03, Wi91, YZG18, ZGJ`18, ZY90b, ZXMR18, dVCP06]. Align [BR95c]. aligning [LVB07]. Alignment [BR01, CCO`96, DRR96, Mi99, MJ01, SS94a, BBM08, BFKW13, BR91b, BMARW07, LC91a, PTZ06, SK09, SPRG`12, SRT`18]. alignments [BW09, ST85]. All-Output-Port [ST02, ST06]. all-pairs [KS91, DCA`15]. All-Port [RJMC95, Dim04]. all-reduce [PY09c]. All-to-All [HP95, LHS97, LWP02, Ede91, LR03b, PW16, ZTFK16]. Alleviating [Tze91]. alliances [CDD`15]. Allocating [BPRG04, Hag97, SEP96, SC8`98]. Allocation [AM97b, AERBL92, CS00, yCM98, DSST95, DY99, DL99, DL01, Hwa97, KKGS01, KLS90, Moh96, NSS97, OM84, PT01, SM94, SD97, SP96, YL98].
[BYG+18, OEY07]. **Ant**
[COV13, CGN+13, CLA+18, DDGK13, RL02, CCK11, Ski16]. **antenna**
[CCHC09]. **Anti** [GSASA19]. **Anti-spoofing** [GSASA19]. **Anticipative**
[WLID02]. **Any** [RCY97]. **Apache** [KKH17]. **APHID** [BS00]. **API** [HLS12].
**Appear**
[Ano00e, Ano00f, Ano00g, Ano00h, 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, Ano02a, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p].
**applicability** [Can18]. **Application**
[AS97, AYIE98, BB03, BSS97, CCC92, DKK18, ES96, HMV07, Kop97, OGRV+12, PH00, PP92, Ser97, SM92b, SK93, WLS17, dKC+10, AHA+16, AAI+15, BM16, BCM06, BMT12, CP05, CD95, CKMP17, DBC03, DKK10, DWYB10, FGM+03, FCP+15, GP91, HSS17, KME09, Kus17, LW16a, Li17, LS06, MLZ17, MCM+11, OSN05, PVP18, PL06, PGS06, PS14, PVR17, SL90, SFT04, SS94b, WD04, WW18b, 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, CCR09, CCA95a, CDF01, DRC90, DS84, EH01a, FR98, FBK98, GCB+00, GT02, HS94b, KR97, LLS93, MHC95, MB92, MBK+92, NB93, NSPPC02, QS96a, PGR17, PJ18, RS92c, SSOB02, SFC17, TFV+15, UZSS96, VH93, WMG01, Wi02, ALM+16, AKSM08, ARM+05, AC16, AGM06, BBACL04, BCD+15, BAS06, BHL14, BM04b, CCA18, CCC+04, CGL+14, CMG14, CC08, CSML10, CP05, CBM+08, CP10b, CCM+06, CDAN14, Dim91, ED05, ESA03, FCM13, FPF14, FRM15, GQZ18, GLC14, GYAB11, GVBB13, GTN+06, GST09, GA08, GRR13, HZZ+19, HC09, HSSL04, HA91, HL07, KJD03, KHH03, KAS07, KIB+10, Kri91, LWCC15, LFGR17, MMAL+06, MA19, MLK12, NLB+18, NMS+18, NVK+11, NC13, OZKT12, Oza04, PCMM+17, PH18, PMAL11, PA15, PCLP16, PLL+03, PF04, RCG18, RJKL14, SV08, SM90a].
**applications** [SCS+08, SWW+17, SR16, SSGZ13, TP18, TPLY18, TDM05, TOR+14, TXK+13, ULI84, VB08, VM03, WIR+18, YH07, ZVL11, ZZJ+18, ZSW14, ZXM18, dSS11, FT+14]. **Applied**
[CB96, BDDL09, EE05, HSSL04, PR06]. **apply** [NZ17]. **Applying**
[PEC95, CCK11]. **Approach**
[AAL95, AM93, Bev02, BR02, BST01, CCM92, CY95, CLZ00, DM95, Fer92, FKT96, FKKC97, GG94, GZ97, HC97, HLJ98, KCRB99, KSB94, LS95, LW95, LLCL98, MSSE02, RJY96, RAS96, SL95, SP96, SZ00a, TC92, WSRM97, WA02, Won99, WLID02, AP91c, Ara90, AFD+11, AH06, AJG18, AS18, BM11, BAS06, BW09, BCK+13, CTS17, CvdBL+08, CHX+17, CZZ+17, CPM18, DB03, DKKV15, dADC18, DQR+09, FZC+05, FGZ03, GZ08, GDL+11, GWWL94, GBA08, GXYZ13, ICQO+12, JLM08, Jöh99, KYS13, KBC19, KSJC17, KZ11, KCF18, KMS+06, LL19, LWX+11, LH04,
Approach

[LC07, MHLZ16, MS05, MSM09, MLCFH+18, MBMC19, MGRRK14, NTON12, NHO+13, OPR18, Ozt11, RK18, SW18, SU87, SCS+08, SDG17, SK11, TM06, TBZB05, TP18, TXLL14, TY17, TM10, VLW18, VB08, WML+18, WWY+18, WZQ+13, XRL+18, YF09, YHY+18a, YAA10].

Approaches

[CHGM01, FMIF18, QM01, CB11, DBA+18, KERUM04, KA05, PR06, Upa13, dGP06].

Approximate

[CHGM01, FMIF18, QM01, CB11, DBA+18, KERUM04, KA05, PR06, Upa13, dGP06].

Approximating

[JSS92, LHW14, LRS18, ST12, CLOL17, JHL+18, KERUM04, MM07b].

Approximation

[JSS92, LHW14, LRS18, ST12, CLOL17, JHL18, KERUM04, MM07b].

Araneola

[MM08a, Bhu87].

Arbitrarily

[ZV06].

Arbitrary

[ERL90, KA97, SS95, YZY96, Ara90, BCF14, SGE91, Wag89, FII04].

Arbitration

[ASD09, HRG11, KS03].

Architecture

[AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBdCD00, DUSH94, DMS90, 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, BKRC+15, BS87, BYG+18, CCK88, Che86, CGC16, CkLC04, CkLC05, CJ17, CPO+03, DKRC+15, DU15, FPS11, GSWW04, GS91a, GMS+13, GMSS+11, HDM11, HSW04, JJ12, Joh87, Joh01, KHT+14, KE00a, LM05, LS88, Lla17, LV07, MSGS+13, MP10, Pad01, PR06, PLD87, RTCG91, SLG06, SS94b, SGdSS13, TKHG04, TRS+12, VM03, WQQ+13, WJD91, ySS91, TFV+15].

Architectures

[AGW98, ABDS02, BBR94, CCM92, CCC90, CT93, CS93c, CP01, CBdCD00, DUSH94, DMS90, 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, BKRC+15, BS87, BYG+18, CCK88, Che86, CGC16, CkLC04, CkLC05, CJ17, CPO+03, DKRC+15, DU15, FPS11, GSWW04, GS91a, GMS+13, GMSS+11, HDM11, HSW04, JJ12, Joh87, Joh01, KHT+14, KE00a, LM05, LS88, Lla17, LV07, MSGS+13, MP10, Pad01, PR06, PLD87, RTCG91, SLG06, SS94b, SGdSS13, TKHG04, TRS+12, VM03, WQQ+13, WJD91, ySS91, TFV+15].

Archive

[FTK14, JKIE13].

Area

[BCD00, CLR90, CDR12, KF95a, NIR86, Wei98, ABO+17, CHCG18, HZY04, HL07, JKV15, KCD08, KMF05, LdSB+18, LMJ11].

Area-maximizing

[CDR12].

Area-Time

[NIR86, CLR90].

Ariadne

[MM15].

Arithmetic

[AK93, CL88, Dav17, DPRW85, Gro85, Irw88, KK88, KM88, SR88a, Sch87, Sll90, SL90, Tay87].

Arithmetic/Logical

[AK93].

ARM

[AG12].

Arnold
[Ano00d]. arrangement [Lin03, NAK04, Ten16]. Array [AW95, BCF97, BL90, CT93, CW1+95, ER97, GKH96, GE94, HQPT99, HCS+00, HCZ04, HLJ98, HLJ01, KRW96, KHS96, KC98, KR87, LP96b, LTH97, Mil99, MJ01, MKB+92, MT97b, NKV14, OM90, RSB96, Ste95, SOG94, Tse90, WSS93, Win85, dR09, BB85b, BPP95, CS10, DS04a, GP05, Lee91, Man13, MM07b, NAK04, PLD87, SI86, ST87, SCC+06, YTH07]. array-based [CS10]. Arrays [Ann94, BAGS95, BPST96, BP02, BR95c, CGO96, Cor93, GP93, GW99, Guo94, IK95, KLS90, KEA95, KL84, KBG92, MM00, MD01, MT93b, MRK93, MFS93, MRS96, RFM94, RCB93, Swa98, TBPV00, TC96, WCF94, WHT00, Bd90, Can18, CL03b, DMCFCM03, Deh90, Dja04, Dja06, EL91, GMH+91, JW94, KT89, KT91, LLL78, LB89, Lis90, OT86, RIZ90, SSM98, Sch99, ST89, UMK90, WAS88, WCF14, XZ11]. Art [KM92, PSC+16, WCO+09]. article [Ano96l, Ano97k, Ano00d, CS93b]. artifacts [LZ08]. Artificial [MT85, NS92, Pin91, TVO92, KH89, VO99, VM95]. arts [NDW17, BNSP99]. array [BV90, DP00, Lat98, LFFJ18, PK04a, RP98, SAOKM03, SHL95, SJG91, TT98, WS97b, XL95, YTH07, YD98]. AS08S [Ano04c]. ASAT [SEP96]. ASCEND [Nas94]. Aspect [BZL04, MO97]. Aspect-oriented [BZL04]. aspects [Gao97]. Aspen [UM+18]. Aspen-based [UMM+18]. Assembling [KESA07]. assembly [ABCM07]. Asserting [ASST05]. Assessing [BCD+15]. assessment [CG17, FGL+11, LC14a, LY08]. Assign [CYZ06]. assigned [HMR15]. Assigning [CCK11]. Assignment [Cza13, HBCM99, HB97, KLZ97, SSZ10, SS93, Ste95, VWH96, W97, ABB14, Bat05, BPS90, CS10, GQZ18, GDL+11, GZY14a, JTZZ11, Kim11, LZL11, NDP13, PL15, QGL+09, SLK13, UAK106, WW18b, WZ91, YZ11]. Assignments [LL98, Sin87]. Assisted [HILL95, GM13, HMY+18, KO12, LVP07, MBBD13, NS12, RG06, SRT+18]. Associate [Ano16k]. Associations [GPJA10]. Associate [AA93, DM92, NSM98, Par96, PL98, TJC10, VR94, HDMC11, Kri91, LL90, SR88a, SL98, YBM13]. assumption [Pen11]. assumptions [MS15]. Assurance [BK08, WLL08, XHY07]. Asymmetric [BNS00, ZR00, KNHI18, SPC+17]. asymmetry [AP91b]. Asymptotic [GM94a]. Asymptotically [Li10, Dja04]. Async [ARP18]. Asynchronism [UD96]. Asynchronous [BA90, BSS99, BS00, CS95c, CA95b, ESMG96, KYNV17, MS02, MM93, MR94a, MR94c, OY00, TP18, Th02, WT92, ATD13, BB03, CPA+11, CRC+02, DFGK05, DBCF13, DB86, DPBT12, FKK+04, GLGLBG12, IRRS16, KAK15, KMS10, KS13, MM04, MEMEMH17, RV13, RLH03, SMO+18]. Asynchronous/Synchronous [OY00]. asynchrony [WCYR08]. ATAPE [PW17]. ATEExpert [KW93]. ATM [WR97]. atmosphere [KYNV17]. Atomic [HV95, JBP00, WR95, van96, BOT13, GNS90, HV99]. Atomicity [NA02, RHH12]. attack [BK18, JXW06, KCFP18]. Attacking [ZWH+15]. attacks
[CH06b, KMMZ06, LLWC17, SCC+06, UYG+11, XYG07, XCH08, YXX13].
attention [PLSM18]. attribute [LSS+11a, LSS+11b]. attributed [LKB+15].
audiences [LMB+17]. audio [WIR+18]. Audit [HLS12]. auditing [XLC+18]. augmentation [BCH15].
Augmented [MKY+97, KM17, KAA+19, Lo92, MKW18]. Auralization [FJ93].
Aurora [Lu01]. Authentic [GPJA10, SZMK13]. Authentication [ZBR11, BDM18, CL09, NC09, PRN+19, TODQ18].
Author [Ano92b, Ano93b, Ano93c, Ano93d, Ano94a, Ano94c, Ano94d, Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano95h, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano96h, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano98f, Ano98g, Ano98h, Ano98i, Ano99a, Ano99b, Ano99c, Ano99d, Ano99e, Ano99f, Ano01f, Ano01g, Ano01h, Ano02c, Ano02d, Ano03a, Ano03b, Ano04b, Ano04a, Ano10a, Ano11j, Ano12m, Ano14f].
Author-Title [Ano98l, Ano99h, Ano00c, Ano01i, Ano01h, Ano02d, Ano03b].
authority [ZCMY12].
Auto [PSB+19, CXX+18, KKR14, KGN11, TLL+18, VT18]. auto-adaptation [KGN11].
auto-clean [CXX+18]. auto-encoders [TLL+18]. auto-scaler [VT18].
Auto-tuned [PSB+19]. auto-tuning [KKR14]. autoencoder [WMC+18]. automata
[EM11, GKS15, MS86, MBO11, RT18, TM10, ZBW+17]. automata-based [EM11, RT18].
Automated [NM95, NC97, CV16].
Automatic [ABCM07, AD12, CGO+96, DHR96, HZZ+19, KBC+01, LC92, LZZ+11, MJ01, NCB+17, SEP96, AAD05, AM17, GLC14, GFPC14, MLCFH+18, NVK+11].
Automatically [DR98, TG99, DSEP17]. automation [HKK+18].
automaton [Cap87, LSZZ15, Pet18]. automaton-based [LSZZ15].
automorphisms [DH19]. automotive [RAN+17]. autonomic
[AZC13, ATZ07, CP05, LS10, RDA18, XRB12]. autonomous
[CKT11, CKMP17, WZZ+17, XCH08, ZV09a, ZWW17, OYE07]. autonomy
[LFI+03, ML89]. Availability [HJD+01, LS01, AGMS16, DB08, Fu10, HOE+09, KVA18, LKM12, LAC18, PF08, PMMA15]. Available [NKC+97].
Average [DF95, L106b, MDD97, NSM98, L106a, WWW17a, XBK07].
Average-case [Li106b, Li106a]. AVL [MD98]. avoid [DP16]. Avoidance
[MJ94, BB85a, BPRS04]. Avoiding [SI13]. Award [Ros07]. awards [OY13].
Aware [ALF03, DR18, DKK18, SPS+18, AH12, AYB+15, BM17a, BPA06, CWZ+18, CCW14, CWP12, CHCG18, CKML12, EB09, EHL+15, FCW11, FCJG+18, FGZ03, Fu10, GQZ18, GPSH19, HMV07, HMR15, HK05, HK04, HWL18, HV13, JAB12, JHF+17, KKK11a, KK11, KCR14, KDH08, KBC+10, LL19, LBMG15, LFS16, LR14, LDZ+14, LIZ+11, LW16a, LNAL17, LLZZ19, LY13, LHL12, MBBD13, MHLZ16, MYYY17, MTL+18a, MLK+16, MMK+11, MA19, NP09, ORWT+18, OS04, OMT+17, OJP+18, RBN11, RCG18, SNMB16, SB12, SA19, SKK14, SCW+18, SP13, STK11, SK05a, SZL10, TTLV10, TODQ18, TVT+17, UM17, VMMB10, WQL14, WMY+17,
WHC+18, XZC03, Y0Z11, YJKD10, ZVL15, XYO11, ZTFK16, ZWQ+16, ZV09b, ZC04, Sie16). awareness [HRH18, LWZ12, LR03b, ZGD18]. Axiom [ABL17]. Axiom-based [ABL17]. Azriel [Ano04r].


Balls [BBFN12, BBNF14]. Band [WIR+18]. Banded [Pov99, ORR03]. Bandwidth [BM97, Cha95, KK17, PY09a, PY09c, BH17, CCHC09, DK04, HJ90b, HWY+10, HB11, MSK+16, SSGG18]. bandwidth-efficient [BHK17]. Banerjee [PKK91, Ps96]. Banerjee-Wolfe [Ps96]. bank [QGL+09]. banker [MMS90]. Banyan [PL06, Kop97, WN94, Yan00, YL93]. Banyan-Hypercube [YN92]. Bareiss [HM99]. bargaining [GRDB05]. Barnes [SHT+95]. Barrier [Cha95, JLR97, OD95b, RS99, XMN92]. barriers [HS12]. Base [DKMV01, RBD08, DDNS06]. Based [AE95, AS00, Ano99g, BCD95, BPJ92, BGJDL02, BMM97, BN02, BR02, BA92, CGKK97, CC91, CRV94, CS95b, CKL99, CGA98, CHGM01, DA97, DR98, FF98, FKKC97, GS01a, GRR93, Gu92, GS01b, HP00, HB97, HK01, HSJP87, KCRB99, KSP+92, KDCD95, Lat95, LAZ95, LZ02, MSC96, MB93, MG98, NTA96, NB93, NM02, OM84, Pad93, PN97a, PN97b, PA97, PL95, PM06, PAJC97, RL96, RSD94, RMC97, RSBN01, SMR96, SSRV94, WLY01, WSRM97, WSA+94, Won99, WLID02, XH91, mYyF92, YB01, Zia92, eW95, APRA18, ASA18, AA10, AL04, AS99, ASK13, ALLM11, AH91, AK07, ARM+05, ABC+09b, ATZ07, AYB+15, AP16, AK18, ABL17, ABF+14, AJG18, AS18, AVAH18, BCM06, BJPPM+08, BDM18, BO03, BNBR16, BOY10, BCM15, BCH15, BDRB14, BFKW13, BYG+18, BK18]. based [BAT+19, BDDL09, BEN12, BM08, BYH+17, BBB11, CL03a, CWZ+18.
CG12, CLMRL15, CK08, CK13, CVK+18b, CTCX08, CP10b, CS10, CHX+17, CLOL17, CQX+18, Chi95, CL09, CVJ09, CHC05, CRJ10a, CGV+03, CZZY09, CJ17, CTT16, CAF+11, CKMP17, CRD12, DBA+18, DKKV15, DE91, DB11, DR19, DBW+18, DKC14, DRST02, DRT07, DWYB10, DQR+09, EDØ05, ESQG+14, ESGQ+18, EM11, ECQ+18, FLL14, FCC07, FLCB10, FGL+11, GOH+13, GMMP12, GPJA10, GTGLSA12, GBA08, GL12, GSASA19, GA16, GNZ18, GRZ+18, GMX07, GXYZ13, HW03, HBS17, HV09, HC09, HRH18, HLM+90, HWY+10, HZL18, HMY+18, HH16, IH+17, JXW06, JP09, JTC+18, JBY+05, JM14, KKV05, KK14, KERUM04, KJD03, KyLPC17, KA08, KKS+12, KKLJ14, KR06, KKTZ13, KC04, LK15, LC14a, LHKL03, LSH+18, LZI+11, LMJC11, LW16a, LLWC17]. based [LNW+12, LS03, LÜ+14, LHT08, LZC11, LSZZ15, LZY+18, LCJ+18, LDDL15, LPLFM+12, Lop18, LACJ18, LAC18, LV07, LS06, LP88, LLF18, MCC04, MCDS+06, MAGL13, MM15, MP10, MMS09, MAKWZ13, Mt07, MM07c, MBO11, MH18, MSAM10, MSAM10b, MBH+08, MRRT07, MZZC12, MCZ14, NSK17, N9J1, NCA+12, NTT12, NC09, NHO+13, NC13, Nic07, NAK04, No12, OM10, OJP+18, Ozt11, PRP09, PARB14, PLSM18, PD17, PK05b, PM11, PVP06, PF04, RLP14, RT18, Rao16, RA11, RTZ11, RDA18, RSCQ17, SMW18, SSM+16, SMPMLVS11, SH17, SCG10, SS06, SP08, SP13, SX08, She09, SLW10, ST12, Ski16, ST85, Suk18, SK11, TR89, TBG+17, TFS15, TW15, TKKH17, TC13, TJCB10, TWQS12, TT07, Udd19, UMM+18, UM17, VN04, VETT18, VMMB10, VB08, VS18, WCC02, WGC09, WW12, WCL+13, WRW13]. based [WYW15, WWW17b, WML+18, WM+18, WXY+18, WZ+18, WIR+18, WMS13, WD18, WD13, WLW09, WCC18, WWA+18, XHY07, XCLR07, XLHT13, XO05, YWJ+18, YL12, YHW18a, YHW18b, YXW+18, YYA10, ZG13, ZGJ+18, ZK+02, ZV09a, ZAAB17, ZFT+18, ZW13, ZPK+14, ZLL14, ZV12, ZG+14, ZGJD18, dSAJ15, dAD+19, dGP06, SM92a, WAS95, ZNO13, HRF+11, HCO1, KKS08, PL18, TOR+14, ZBR11]. bases [GPT06a, SK90]. basic [BM04a, Joh87]. Basis [TR96]. Batch [LL98]. batched [CK06, HSH10]. Batcher [NT93]. Batching [DSST95]. Bayesian [DK14, FRW03, LWC+18, NZA13, SHK19, YWAT13]. be [BNP02, HBS17, KSS16, STKL12, BGA12]. beacons [DWX10, TDC05]. Beamforming [BL90]. Before [HCR12]. Behavior [ABR96, BDF92, BN02, BTT01, CM93, FJ03, L08, ACD+18, BS92, CL14, JZK04, LWX19, dAMFl13, RA11]. Behavior-Based [BN02]. behaviour [CMMN10]. belief [HMY+18]. Benchmark [PAJC97, DMS+16, GN15, GREC91, Num+07, Num+09, WRHR91]. Benchmarking [BRR93, KA99, YLLC11]. Benchmarks [WAS95, HZZ+19, JV06, KC17]. Bends [OS97]. Bene [CI03]. Benefit [BHK17, WE02]. Benefits [FR92, SS99, WE98, GKO4]. Benes [DD96, QA97]. Best [BE95, Mue13, OY13, PHI13, ROB09, SP96, SNN03, Bar05, FPP+08, MAM05, QGZP17, WAE03, Ros07]. best-effort
Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f.

Body
[H-P95, SHT+95, CHCG18, IHM05, YJL16]. Boltzmann
[KA89, WCO+99, ZA91].

Bone
[AFK14].

Boolean
[ESCV15, HJ90c, JH92b, OT19].

Boosting
[AC16, FGP05].

Border
[DRST02, HR90]. Border-based
[DRST02]. both
[WTY+18, WAE03].

Bottleneck
[WW98]. bottom
[LXZ13]. bottom-up
[LXZ13].

Bound
[GZ97, PM96, AMM+18, CH06a, Kub17, Li19, MCC04, SCS+08, SW90, YZLT09]. bound-consistency
[Kub17]. Boundaries
[Wor93]. boundary
[Lin91, RBD08, SCC+06, SMP17, TRS+12, ZQMM11].

Bounded
[AW95, BBN93, CLT96, GP97, Pra93, SN93, BD05, BPRG04, JM14, LMZ04, MRRT07, NP09, Sta17, TK07].

Bounding
[Lun99].

Bounds
[ADS01, BBH+98, DL98, JR95, LPS+98, LP95, Lun94, WW97, FT04, FSZ07, ITT04, KMS07, LXLS12, LYW+16, Mat06, NDP13].

Brain
[ROH+18].

Branch-and-bound
[MCC04, SCS+08, YZLT09]. Branches
[ERA95].

Brawny
[LNC13].

breath
[MB13, ZCS+18]. breadth-first
[ZCS+18].

Breaking
[FJ93]. Breakpoint
[dADB96, MT97a]. breast
[HES11, XTN12].

Bridge
[HR00].

Broadband
[XP10, XTN12].

Broadcast
[DHB02, OS96a, Pel95, RS96a, RS92e, San99, VB94, AA10, BG05, CB15, FVLB09, KYS13, KG10, KGN89, LDZ+14, LDZ+17, LSWC14, LSZZ15, MT14, MPS16, MRRT07, PYF08, SGS08, TR08, WWW17a, WIR+18, WL05, dAAD+19].

broadcast-based
[AA10, MRRT07].

Broadcast-efficient
[OS96a].

Broadcasting
[BNS00, BPW96, BMMS01, BOS+95, CW00, CCC92, DLP99, Fra92, FV97, GP97, HIKM94, Lat98, ST02, ST06, SCD99, Wu94, dBL95, oPP00, Che05, CMS04, FMR05, HS06, Ho91, KR87, LR03b, LSWC14, OWK14, SZ03, Wu03, ZA05].

Broadcasts
[WD92].

Brother
[HR00].

Brown
[DTK11a].

Browsing
[SF90].

Brujin
[ANS97, CT96, FT04, HS094, MVM04, Swa98].

Brunottone
[Tat11].

Brzezinski
[Ano96a].

BSP
[CTZ99, GS98, GLC01, HH01, HM99, KP00, RGD03].

Bubble
[DF94, PIB+01, GNZ18].

budget
[ZVL15, dR09]. budget-aware
[ZVL15]. budgeted
[Sta17]. Buffer
[FM99a, HV95, MSSE02, PY09b, WLID02, BPW05, CHX+17, HV95, IIH16, PBS08, SCC+06, WCWO17, WWY15]. buffer-based
[HV95].

Buffer-optimal
[HV95]. Buffer-safe
[FM99a].Buffered
[AA95, KJ84]. bufferless
[BMIM07, LTL12]. buffers
[DW04, EKNS17, HM06, WAS88, ZCF+17]. build [ZHH15]. Building
[Haw97, IK93, RJKL11, SK93, Sk98, ZW13, CZ90, HSS10]. Bulk
[GV94, Lu01, FXW03]. Bulk-Data [Lu01]. Bulk-Synchronous [GV94].
burst [WCC017]. Bus
[CKL99, DVZ96, FVT02, FY96, GK98, LPZ99, TVS97, VB02, dR09, BPP05,
CLM90, D04a, JSW92, M88, MHBW86, TJCB10, YB90, YGZ+10]. Bus-Based
[CKL99, TJC8910]. Bus-Connected [DVZ96]. Buses
[CL96, HPQT99, IM00, KC98, LS94, NS94, TVT96, TBPV00, WHT00,
ZLP01, BG16, Car90, JW99, KRL87, Mat06]. Business [MBS+12].
Business-driven [MBS+12]. Busy [SP96]. Busy-List [SP96]. butterflies
[CI03]. Butterfly [JH94, VAF19, TDM05]. bypass [DOBG+15]. Bypassing
[DKK18]. Byzantine
[CBV08, DPBNT12, HC11, IRSS16, LH14, MT14, PP06].

C [CD98, DZZ01, EFG+14, HCM11, LS85, ZH99]. C-AMTE [HCM11].
C2FPGA [CSJ+13]. C3 [Ano04c]. C3- [Ano04c]. CA [Chi95]. Cache
[DS95a, Dah99, DKK18, GS96, HP97a, LY98, LY91, NS93, PL95,
PY96, RL96, San95, ST95, Yan93, BW89, CWL05, CK13, CDAN14,
DK04, FABG+19, GJG88, GA+08, HCM11, HY94, HO99, HSMB91, KK11,
LC11, ZZX11, MYY17, MPG17a, MA11, SYU17, SS17, VRG17, WLZ+18, YCC05]. Cache-Affinity
[TTG95]. Cache-Based [RL96].
cache-coherent [SYU07]. Caches
[DS95a, YAS98, DMI+19, EHL+15, NSAS10, RFPAG08, SD91, SS17].
Caching [BS96b, BS96c, CS17, KC99a, KE93, MM93, BLPA05, CR96,
FCW11, FCML13, LAK10, LVP07, MA11, OC07, TC03, TC13, ZVL11].
CAFES [MCM+11]. calculation [SL90]. calculations [HT90, KVN17].
Calculus [PL98, SC95]. calibration [MAL+06, SDG17]. Call
[Ano95i, Ano95j, Ano96i, Ano96j, Ano97i, Ano97j, Ano98j, Ano99g,
Ano99d, Ano99e, Ano99f, Ano00a, Ano01c, Ano01d, Ano01e, GSC96,
LGK+12, RRK06]. Calls [Ano98k]. Can [KSSK16, BNP02, HBS17]. cancer
[XTN12]. Capabilities [Fra92, MMR89, TVO92, FEH+14, RBN11].
capabilities-aware [RBN11]. Capability
[Gue94, JLVX11, SP96, YWP00, BJ15, H091, HK04, dOBBG+15].
capability-aware [HK04]. capable [SMP17]. Capacitance [YB01].
Capacity [ACD+93, MO97, TQ18, ACCP18, BKK+11, JHPL13].
Capacity-aware [TQ18]. capture [BOT13, JXW06]. Capturing
[ISZ07]. cards [KME09]. Cares [BL94]. Carlo [Br096, PAS15, ZS13].
carried [NCT+07]. Carrier [DL01, BC11]. Carry [NIR86].
Carry-Lookahead [NIR86]. Cartesian
[GOH+13, ANS97, Dim04, ISAZ10, MSZ11]. carving [RRS+08]. Cascaded
[Wil90]. Case [BA01b, GT02, HPT+97, MS99a, NS98, PP13, SSG93,
WNA+94, WLR90, AGMS16, AES11, BJ18, CCK+08, CHLL18, DI91,
FRM15, GRR+05, Hdi13, HA91, Li06a, Li06b, PCMM+17, ROE+18,
TdAR18, WLCZ15, WMG13, ZKZ18]. CASS [FPS11]. Cassandra
circuit-level [LC14a]. Circuit-Partitioned [CB99]. Circuit-Switched
[CCR94, CS93c, GGN93, LK96, LWC14]. Circuits [KM97, BAH04, EB13,
HBS17, LH04, LS05, LH09, MH18, OOSGVG+16, TT07]. Circular
[BP02, CDP95, JT88, RGU08]. circulation [Nes10, PV07]. cities [DFLO17],
city [HRH18, KDS18]. clairvoyant [Li06a]. CLAP [KK17]. CLAP-NET
[KK17]. Class [BNP98, BSB01, CAB94, CN93, HR00, LYL93, MAS+99,
Nas94, TL96, WN94, WL00, EB13, FY86, LLS07, Pak89, SP90, Ume85].
Classes [Par98, FP17, LLS06]. Classification [DSAUM99, BCM06, Bod89,
COV13, CK13, DH04, PDP17, TPLY18]. classifier [BOKS19, SDG17, UGG+
11]. classifying [Luc18]. clean [CXX+18]. Client [GM99, HC09, ST08a,
TC04]. Client-Server [GM99, HC09]. Client-side [TC04]. Clients
[ALL99, GZY14, Yan09]. clinical [KDO+13]. Clique [FTL92, STP09, WCH+
17]. cliques [BP02, CDP95, JT88, RGU08]. Cloud [CDJL09, CDJL11, FEH+
14, LAC18, PR13, VS18, ASKO16, Ale19, AZC13, AM12a, ACCP12, BYH+
17, CL14, CAA18, CXY14, CTKA17, DKRC+15, FRM15, FCJG+18, FMIF18,
GQZ18, GYAB11, GSASA19, GSY11, HRM17, HMY+18, JAB12, KVA18,
KBC19, KSSH16, LWZZ12, LQM+12, LLB+18, LGM18, MLHZ16, MYY+17,
MXSL12, MMK+11, MA19, PLSM18, PH18, RT18, SWW+17, TKR+19,
TLW18, TKB+13, VD18, WC18, gWW18, XLC+18, XRB12, XYG18, YLYC11,
ZV14, ZLL14, ZHT16, NLB+18]. cloud-based [GSASA19, WC18]. Cloud-centric
[VS18]. cloud-of-things [TR96]. clouds [ACPT15, ACB+15, CM17, KKLJ14,
LYJ+19, LTWW12, LWWQ18, NC13, NKK16, PVP18, ZG13, ZVL15]. Cluster
[AFT+00, BAHPO1, GSO1a, HS00, JM00, JK15, LS01, MKC01, PT01,
ARM+05, BMARW07, CCA18, CDS10, FW05, FLB10, GRR13, HW03,
IEWK17, JGMY17, LAK10, LML+10, LUI4, LZC11, LB17, LB18, MAR05,
MSJ05, MBH+08, NDP13, NVK+11, OC07, PKW+10, PSPR05, PVPM06,
RLF14, SAOKZ05a, SAOKZ05b, SBC12b, SHL+13, SMH+14, TC04, VM03,
WLL16, ZBF05]. cluster-based [FLCB10, HW03, LUI4, MBH+08, PVPM06].
Cluster-to-cluster [JKV15]. Clustered [CP99, MF94, GZI14, HRC09, Lop18,
NS12, SFT+13, Wan06]. Clustering [ASM09, GYJ2, HX07, TZO7, TM10,
WZH+03, WHT00]. ASKTZ13, AYB+15, AS18, BM16, BM17b, BF13, CDDL10,
CLC+17, DBCF13, DKO18, GY13, GW06, KKH17, LK15, LLQ07, MCC04, RIZ90,
SAL10, SX08, TLW18, WM09, YBX+13, YÖ11, YWW12, ZMC11].
clustering-based [MCC04]. Clusters
[AYJ97, B399, BDH+97, Dek00, KMKD97, KR98, LCG97, PN97a, PN97b,
WB96, Wei02, ARP18, BCFF05, BJS03, DCA+15, FMR05, Fu10, GJA08,
GYY+14, HV13, JM14, KKH17, KLY05, KCR14, ME04, MMVL11, PYF08,
common-bus [MS88]. communicating [BFTV87, DRR13, SSM+06].
Communication [BPR99, BKT95, BCR96, CW00, CCRS92, CGL+95, CS95f, DUSH94, DS95b, ESMG96, Fah96, FM99a, FPS11, FKT96, FGKT97, FA95, FAM96, Fra92, GRV97, GBES93, GM94a, Gk98, GPS96, HQPT99, HH01, HP95, HS93, HA92, IM94, ITT04, Job87, KL01h, KLS90, KS00, KS02, LHS97, LZ02, LR03a, LO96, LWP02, Mck94, MRRV98, MLK+16, MSST99, PP96, PB99, QH96, RFS+12, RWK95, RS92c, RU99, RMC97, SCM99, SS99, SOG94, SSK96, SBAM96, SKH96, TF92, TSHH01, TSC01, VM03, WR97, XKMN94, Xue97, ZH99, AFA13, ARP18, ALTV13, AM12a, BM17b, BFTV87, BCM87, BBR13, BOS+91, BRP03, CCS06, CNS03, CHC05, DB11, DKUC15, DAPR18, DW04, Ed91, EDH+17, FW05, GPT06a, GM13, GP05, HK05, IB04, JJ12, JZZ+17, KLY05, KSC03, Lai86, LAK10, Lo92, Lwu90].
communication [LM09, LWCG14, LLW12, dAMFds13, MAM05, MTL+18a, MCM+11, MPG17b, NRM+09, PB90, REK10a, REK10b, SS99, SBPR91, SAl10, SR114, SLKK12, Sta04, SW90, SZB16, SSGZ13, Tam18, TW15, YCH+10, YQT12, ZBF05, ZV09b, FPS12]. communication-aware [ZV09b]. Communication-Computation [QH96]. Communication-Efficient [HQPT99]. Communication-Free [HS93]. communication-induced [LM09]. communication-intensive [MLK+16]. Communication-Minimal [Xue97]. communication-optimal [MPG17b].
Communications [AMN00, BD00, CQ95, DRR96, LLJ00a, SC91a, SHC93, TSC01, WAC02, YMG01, ZR00, EB09, GMH+91, LH07, MBBB13, GP+12, TP18, TKG+17]. Communicator [KF90b]. community [CTC+10, LpJS+18, Tra09, ZL14]. community-based [ZL14].
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, GY92, JNW96, KA08, KA99, OP98, SSB02, SAC+98, Tay02, AFM03, AG12, FGZ03, GHC+17, JKEI13, MP10, NSKN17, SMB10, SS94b, ZTFK16]. Comparisons [YBM13]. compass [AKBD10, XKM94]. compass-free [AKBD10]. compatible [MP08].
Complement [YAS98]. complementary [ZPK14]. Complete
[BP02, Efe96, HKMU98, HM01, SP96, SHL95, TT98, Wag94, ZW00, LFZ17, MPZ09]. completely [SPC17]. completion [KSG03]. Complex [DDO18, GPS96, HASB16, CM12, DF17, HHA14, JKD15, RBP11, SW12, SJG19].

Complexity
[BH93, CMS92, Dja06, FAGW95, Fra92, GRV97, Gon98, JBL02, Tay02, AEF11, BPW05, CHO96, DUW86, FWM10, SSS88, Sol13, THS87, WG08, XL11]. complexity-effective [FWM10]. compliance [AM06]. Component
[BJ96, Kar02, BBB06, KSG03]. completion [KSG03].

Components
[BJ96, Kar02, BBB06, Hoh90, LWR03, MHP05]. Composed
[SM92a]. Composing
[BA96]. compositing
[WGCZ09]. Composition
[HLJ98, Tay02, CJ17, WMY17]. compositions [FZ14]. Comprehensive
[DG94, GM14b, uRIL18, Upa13, ZAB18]. compressed
[WBTM09]. Compression
[SY094, CW15, CD95, JKV15, HP97, SR91, AGH12]. Comput
[KN18b, LSS11a, MSAZ10a, PCX14, REK10a, WTC08a]. Computation
[AM97a, AISS97, BCV94, BP95, BA01b, CA95a, GM94a, GM95, HR92b, HR92a, JSS92, KF95a, KS00, LHM95, PB99, QH96, Sch90, Sin87, SA93, TR96, Win85, CR96, CXY14, CL85, DB11, DHK04, DWHL87, JTT88, KSG03, Lee90, LMB17, LGM18, MCS14, NCTT09, PK07, RMU14, SS11, SD88a, SZ03, VGAB08, WL04, WTB09, WCO09, XLH18, YJL16, YJB91].

Computation-Intensive
[CA95a]. Computational
[APV18, DRC90, JBL02, KRW96, KR97, Num08, Num09, AAH17, AB03b, AGMJ06, CCE17, CS06a, DHS06, KHT14, LBE03, MJ03, Pen11, RBN11, SMO14, SNCP12, TZ06, WW03]. Computations
[AGF94, AMN00, AP94, Ano92a, BR95a, BDKM94, BW95a, Cas93, CN93, CQ95, CGA98, DUS94, DN94, GR96, GK98, HH97, HJ01, HF02, KL01a, KME92, KC99a, KS02, LPZ99, Man94, MR94a, MP93, MN98, NRS95, Nas94, Nic94, OS96b, OSZ98, OP98, SV00, WB96, ZB97, ZYO02, AAD05, AFM03, BD11, CG10, DMCFCM03, EL91, FXW03, IEWK17, Jol97, KME89, KHK03, RV13, SSK15, SBG12a, ST89, SC04, SK91, SMH14, SS94b, TG04, WJ14]. computations/applications
[KH03]. Compute
[ABM92, CM92, CTZ92]. Compute-Intensive
[ABM92, KAS07]. computed
[KDO13]. Computer
[BCH95a, BS96b, BS96c, Cha94, CDP95, DB18, HMM94, IWM97, Kr91, LLS93, LR94, MK97, NS97, PEC95, VV90, WFT2, WHT02, BDR14, Em13, FSP18, Gai87, GE85, Gos90, GREC91, HR89, HR90, IWS89, JW89, KK86, LMB17, LB17, LV88, MP08, PSC16, SAB92, Vel89, WJD19, PR13]. Computers
[Ahu97, AD94, AB93, BS90, BR95c, yCM98, CCC92, CH92, CY96, Cj99b, Fer93, KL01a, KGV94, L01, MT96, MSC96, MYD95, Moh96, NFEG97, NS92, PE93, Ree84, RW01, SR94, Shu95, Sto90, Tan84, TC92, VSM96, WLR90, Yan93, YP96, Zhu92, ZM94a, AM13, ALS91, AP91c,
BGM+08, BCF+94, Car90, CT94, GMS06, JL05, KESA07, LR06, Li16, ML89, PB90, Raj04, Sab94, Sch87, WRHR91, ZLRP91]. **Computing**

[AW95, AL99, AM97b, ANT02, Ano97k, Ano99g, Ano01e, Bai94, Bir94, BD00, BSB+01, BDH+97, BNSP99, BS09, BS11, CA94, CEF+95, CDJL09, CDJL11, CP99, DDO+18, Deb90, DAYA02, DBP94, DB18, Eme13, EL59, ES97, FFK97, FGGT97, GRS97, GS05a, HG99, HS00, HHC98, KSA95, KMKD97, Kri92, KRS13, KC99b, LAS+97, LFA96, LS01, MWL00, MAS+99, MSGS+13, MC93, MNK12, MBG+17, NA06, Nee17, PB90, Raj04, Sab94, Sch87, WRHR91, ZLRP91].

*Concentrate* [LW95].

Concentration [JL05]. **Concept** [DFLO17]. **Concepts** [TAS+01, MAGL13, NKSA17, ZZ90]. **Concerning** [IPK85]. **Concurrency** [Ahu90, ADD17, KCV99, LZZY09, MS96, NMS93, RM90, SRI11, UBES10].

**Concurrent**

[AY93, ACHY18, CCM92, CMN12, DBLB+12, FPD93, IM94, Joh94, MM04, RSD94, RS92d, WCF94, WW96, WG93, WT92, BE13, CTS17, Ch95, CMT92, DB08, FJSW90, GV96, KME98, PVP18, Par89, SW18, ST05, TK07, Ch95].

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

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

**Confident** [YDZ+18]. **confidentiality** [ZHT16]. **configurable** [ZMZJ17].

**configuration** [BL05, FVCL05, LB17, NP09, VAS+13, WZ13, WLST16]. **Configurations** [LK94]. **configured** [ZV06]. **Conflict** [BP02, CH92, DP00, DFP06a, HV09]. **Conflict-Free**
[BP02, CH92, DP00, DFP06a, HV09]. Conformance [CY95]. conforming [LGM18].

Conformance [CY95].

Conjugate [Bas97, McA89, GLW14]. Connected [Ann94, ADM+94, BJ96, BCFH95b, yCM98, CCC92, CWW+95, CT94, CY96, CDP95, DVZ96, Fer93, HHM94, KRKS11, LH92, MD01, Moh96, SR94, Tze93, Zhu92, ZYO02, dBl95, BB85b, BBd90, BJ18, Car90, DW06, GP07, HJ07, HSW04, HR89, HR90, JT88, JPD17, JL05, KO12, KT91, KF90a, LC90a, LC91b, Li06b, LV88, MHPR05, PB90, Ra04, SI86, ST06, SSM89, SC91a, TR08, YME06, YSS11, YWW12, ZAAP17, HWY96]. 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, LHYW14, MR09, WTC08a, WTC08b, WWY17a, WCYR08, XKB07, DS04b]. consequences [YBM13]. Conservation [FLS+97, SHR19, XSI11]. Conservative [LA93, BD04]. Considereations [Ger98, VWHL96]. considering [MLMSMG12]. Consistency [Bir94, CA95b, GAG+92, SS08, Fei03, HC09, KUB17, LC11, LHZ+18, RHH12, WDDK09, X005]. Consistency-driven [SS08]. Consistent [KCD95, HK08, JLM08, LFA05]. consolidation [MA19, RT18, ZLCZ18].

constancy [Ebn04]. Constant [BG9095, BPP05, BTZ98, COS+95, DS01, KBG92, RO92, TVS97]. Constant-Time [BG9095, COS+95, DS01]. Constrained [AZ01, BSD96, BSH15, MMVR97, RL95, BKS95, CHX+17, HP06, JHF+17, JZZ+17, KSI04, KSK15, LFS16, LL10, Li16, MSK+16, VMMB10, WTB+08, XLL15, YAK15, ZVO9b, ZWXX16]. Constraint [GHH92, LP97, Mon94, CLL09, Ozt11, UAPM07]. constraint-based [Ozt11]. Constraints [BA96, KB96b, LTWW95, van96, AP91a, AY89, ACU08, DUW86, FVLB09, Li06b, SZB16, SSM+07, VRM10, WMY+17, WHS+18, YA11]. Construct [BW96]. Constructing [CC506, CS06a, Hal05, HS12, HS94b, Lai15, MKW18, 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, OOSVG+16, SB12, WIB12]. Constructions [FA95, HV95, HV09], constructor [tH90]. Constructs [Ano92a, KME92]. consumer [GLGLBG12, KK11]. consumption [AH12, GGY10, LCW05, LM16, RTZ11, TKX+13, ZW11]. Contact [PAH+98]. container [AZW13]. Containers [LACJ18, LAC18, Str12]. contemporary [VM03]. contended [AFA13]. Content [Li99, SLW10, Win85, Bar05, DMF+19, Fei03, FM07, KTP17, KRM14,
Content-Addressable [Win85]. content-based [ST12, SK11, ZW13].

Contention [BCD00, FCW11, LKK94, STK11, AEY12, FA07, HHS12, JW89, KH12, LW16a, NSTM91, Nik03, SW18, Zah12]. Contention-aware [FCW11, STK11, LW16a]. contention-free [KH12]. Contents [PSGS17].

Context [AHG12, CWZ+18, Cou93, Ano04d, BPA06, IB04, ORWT+18, YK04, Sie16]. Context-aware [CWZ+18, BPA06, ORWT+18, Sie16]. context-sensitive [Ano04d, YK04]. contexts [KHT+14]. contextual [Ana14]. continued [Ano18v, Ano18w, Ano18x]. Continuous [JHPL13, NH93, Luc18, CCS+06, TCS+10, dGP06]. continually [AKSM08]. Continuum [MP96]. contraction [LGK+12, SMH+14].

Contributions [RGU08]. contributory [SA19]. Control [AGW98, AGW01, BJP91, BBM+02, BCLR96, BCD00, BDF01, DSST95, ESA03, FR96a, FT94, KSP+92, LM96, MS96, Nie94, OS93, SG96, THBF97, WLID02, AA10, Atn90, AAA+10, BCO+12, BWP+11, BMF05, BJ18, CF88, CG17, CWP12, Che89, CLM90, ESGQ+18, FL86, GL12, GAOGH17, HCZ04, HMY+18, JTTZ11, KNS91, Kim11, KGN11, LL90, LZCY09, LCW05, LWLD12, LL12a, MLZY17, MG09, MBO11, MCZ14, RCG+11, RKK06, SRI14, TG04, WRW13, WJD91, WHS+18, XYDL06, XLYW18, XWC+08, YBM13, YJKD10, ZMZJ17, ZBW17]. Control-Memory [BCLR96]. controllable [ZHT16]. Controlled [CGSV93, Li99, MG91, SD99, SD00, BYT19]. controls [YSL08].

convex [CGSV93, Li99, MG91, SD99, SD00, BYT19]. convexity [BOS+95, BGS95]. convolution [BOS+95, BGS95]. convolutional [ZLS17].

convolver [Kep03]. cool [LFS16]. Cooled [SWHB17]. cooling [MLK+16, SWHB17]. cooperation [YQTV12]. Cooperative [BW95b, LTWW12, SZL10, ADDB18, DDG+17, FCML13, FZ14, GRDB05, GYZ+14, KK10, LGM18, NP09, TC13, TVT+17, WLL16, WHC+18, XHZ+10, YpGyLIC13, YF07]. Coordinated [DDG+17, VPHML06, MCZ14].


CORBA [CCC+04, JLR+03, MSAF04, SR04, wXH00]. CORDIC [CL88, HBB93]. Core [BCR96, DDO+18, PL94, AFA13, APRA18, AA16, ARI17, ABP17, AVAH18, BBBC12, BLMB13, CMM13, CHL18, CKK+13, DBA+18, DWYB10, GZG+17, GS18, GKS15, Hus17, JHF+17, KSG13, KKB+06, KR11, LWC+18, LKS14, LNAL17, LSC+15, LHT08, LLS+16, MBBD13, MZC18, MAHKZ12, MGRRK14, PCMM+17, PGP+12,
cryptosystems [AVAH18]. 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, HTHH02, JH92b, Lat98, XLI95, BVB02, CW09, CFJW13, FLP07, LFZ+17, LLFJ18, MKW18, SAOKM03, WFZJ12, WS97b, XHZZ16, YTH07, YD98]. Cubic
[CP98, BM14, MP88, YME06]. cuckoo [CSW+17]. CUDA
[BSH15, CBM+08, CB11, Cza13, KRKS11, KME09, dAMCFN12]. CUIRRE
[ZSW14]. Cumulative [Ano98l, Ano99h]. currency [HBF12]. Current
[KS95, MMCL+17], curriculum [NDW17]. Curve
[LZY+18, Gue86, SKH15]. curves [ST12]. Customized [Ils97, ZLP97]. Cut
[DRSB01, KLLL98, CRD17]. Cut-Through [DRSB01, KLLL98]. cuts
[Lù14]. Cutsets [DH94]. Cyber [HRM17, QGB+17, CWCW18, CSW+17, DZC17, GQQZ18, JWH+17, LLWC17, LMXJ18, MMN+18, SLG+18, XZMR18]. cyber-enabled [GQQZ18, LMXJ18, XZMR18]. Cyber-Physical
[QGB+17, HRM17, CSW+17, JWH+17, LLWC17]. cyberthreat [KAA+19]. Cycle
[Ano00d, KK95, LS97, Ros99, HDT+05, LLFJ18]. cycle-accurate
[HDT+05]. Cycle-Stealing [Ano00d, Ros99]. cycled
[LDZ+17, LDZ+14]. Cycles [BCH95b, Tze93, Wan01a, dBL95, HBAD15, JT88, JL05, JD12, KF90a, LdSB+18, PK04b, ST06]. Cyletrees [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, BLVP95, BFG94, BDR13, BAL05, BC94, CW00, CS92, DJDK19, DSAUM99, GW99, HHHK96, HKT94, KRKS11, LXL91, LME95, MKY+97, MPG17b, NM17, OGRV+12, PYP+10, PEC95, Wan07, WS95, Wu02, YA11, YB01, ZLS17, Zsa16]. D-ISODATA [DSAUM99]. D-NoC [AA16]. DADO
[SMB+6]. DADTA [ZLCZ18]. Daemon [KY02, BBD18]. DAG
[CJ99a, CJY04, DQR+09, Tum18, XLIHT13, ZSI13]. Dags
[BCLR96, BSS+13, CDR12]. daisy [GRV08, MV05]. Dandelion [CP10a]. Dandelion-like [CP10a]. Dark [SDS+18]. Dark-Silicon [SDS+18].

DARPA [WRHR91]. Data
[AOS+05, AL04, AAL95, ALS91, AS13, AS15, Ano96], Ano00d, ADM+94, BVB02, BCD95, Bal90, BB+06, BHS*94, BR95c, BR02, BS09, BS11, CGN+13, CDY97, CK08, CGL*95, CP92, CHER94, CRFS94, DOP98, DRC90, DSAUM99, DRST02, DHR96, DDS95, DSS95, Fhe96, FMP98, FKK97, FMW+94, GG94, GP93, GC01, GDN+98, GS96. Gup92, HK01, HJ+01, ISZM99, JW94, JSL96, JB93, KR97, KLS90, KRS01, LSCA93, LZ02, LAS+97, LY98, LO96, LLI95, LSWC14, Lu01, LWWQ18, MD13, MS85, MRR98, MK92, MK93, MN95, MN98, NBP98, Nic94, OK02, OP98, Ozt11, PHB96, PH91, PL98, PT97, QZ94, QH96, RSW90, RS99, RW93, SS89, SMH94, SG99, SR97a, SR97b, SAC+98, SSHC00, SHT+95, SS94a, SSYG97, SIR92, Ste95, SC91b, Str12, Sv00, SFC17, SG96]. Data
[TSC01, TR96, BG90b, VBM90, WB94, WNA+94, WPKK94, WSS93, Wei02, WS97a, XMMD17, ZMCP11, ZTFK16, ZRC99, AAA+15, AMU+19, ASB18, Amm16, AH12, AGWY11, ACPT15, Ara90, AG12, APK18, AYB+15, AYE12, AK18, ARDQ18, AS18, BFH+17, BCO+12, BHS6, BR91b, BEN12, BMLLC+19, CK06, CF88, CMZ+18, CKN07, CGC16, CLC+17, CPLY18, CW15, CLL09, CZ90, CTT16, CTT08, Cuz11, Cuz13, DF17, DMG18, DTK11a, Eck18, ESTA94, EDÖ05, ECP+18, FCW11, FRM15, FP03, Gao89, GYAB11, GE85, GS91a, GJ08, GLGLBG12, GM14b, GBA08, GB11, HMY07, HLS03, HSBMB91, HP06, HA05, JLY12, JHPL13, JHL+18, JZ05, JWU+17, JdSJC+15, JKV15, KKKG14, KAK08, KL05, KKTZ13, LWC+18, LL19, LHF91, LWZZ12, LC91a, LC11, LY12, LLWC17, LBT19, LLW07, LSZZ15, LWV18, LZ+18]. data [Lon04, LA04, LGK+12, LSZJ15, MCD+06, MEO4, MLK16, MP08, NLB+18, NCT+07, NCA+12, NAB+11, NKK16, NAK04, NTC03, OWK14, OM10, OJP+18, Pad91, PSSR05, PS14, PLR07, Psa96, RBN11, RT18, RB12, Ren11, RMU14, RBA+18, RAN+17, RJKL11, SMW1, SHK19, SS08, SC04, SCW+18, SCMH13, SM08a, SK05a, SD88a, SWW+17, SR91, ST08a, TR99, TBA07, TZH+06, TK07, TVT+17, TLW18, VETT18, VLGV+18, VMMB10, VB08, VRM10, WCO17, WSH+03, WUO9, WZZ+17, WWW17, WCH+17, W18a, WL05, WG11, WLZ+18, XHZ+10, XSYG18, YBX+13, ZA+15, ZLZ+19, ZV14, ZKZF18, ZLT+19, ZW17, ZSCX18, ZHT16, ACB+15, LSZJ15, PJ18, RAB08, WLL08]. data-/compute-intensive [KAS07]. Data-aware [ZTFK16, AYB+15, VMMB10]. data-center [FP03]. Data-Driven [JB93, VBM90, WSS93, BH86, KHK03, NCB+17, WLZ+18]. Data-Flow [BG90b, GE85]. data-gathering [LW07]. Data-Intensive [BS09, ZMCP11, RBN11, SC04, VB08, WZZ+17, WG11]. Data-oriented [LWWQ18]. Data-Parallel [AAJ95, An00d, BCD95, BHS+94, CGL+95, DSD+97, FKKC97, KR97, OP98, QZ94, QH96, Ros99, RW03, SAC+98, SSHC00, Ste95, WB94, WNA+94]. Data-stream-based [CKO8]. Database [DSW94, HILLY95, HTL99, LLS93, LHM95, MB93, RSD94, YMR93, BH86, CI86, HPSM91, LY91, LZC09, LLB+18, TR16, XLC+18]. Databases [BM95, CS95b, FCF00, MFS93, Ahu90, Ale19, BA06, CG86, GPH91, PF08, PLK+18, Ram89]. datarace [CTLY18, MG09]. datacenters [PRN+19]. Dataflow [BG86, BCF97, BP90, BJ90, BH93, GGB93, Gao93, HCA93, LB90, MNB95, NBSN1, SA93, SBKB90, VV09, YMR93, Bi90, ESCV15, KLL87, TBG+17]. Dataflow-Based [RSB01]. dataraces [SLS97]. dataset [YLLC11]. datasets [CLOL17, KSJC17, KN18a, KN18b, YÖ11, WLB+15, ZB09]. DAWGS [CM92]. day [TLL+18]. day-ahead [TLL+18]. dBBlue [SLWW05]. DCC [BCD00]. DCell [WFLJ16]. DCT [Jia99, VAF19]. DDE [WS97b]. DDoS [CH06b]. DDS [SPMLVLS11]. Deadline [LTW95, RCG+11, SCW+18, LTS16, MGS12]. Deadline-aware
[SCW+18]. Deadline-sensitive [RCG+11]. deadlines
[BSMH08, KSS+07, WMG13, WL05]. Deadlock
[Ano96l, BYT19, BHRS95, CP01, CMS92, KS94, Li92, MJ94, PA97, PA01, SJ96, TT07, ZN01, AA14, BB85a, XL11]. Deadlock-Free
[CMS92, Li92, PA97, PA01, SJ96, TT07, ZN01]. Deadlocks
[RP95, WP02, LJ05]. deal [ESGQ+14]. Dealing
[ALF03]. Debug [BBCLL04, MH18]. Debugger
[MB96b, BBCLL04]. Debugging
[MI92, MLC+90, SG93, CV16, LZZ+11]. Decaying
[GM96]. Decentralised [YZS15, DBCF13]. Decentralized
[AM11, DW12, GHK+12, GMXA07, HS97, AS18, BHK17, Che89, MAPF14, SL06, WZQ+13, mYA91]. Decidability
[FP17]. Decision
[ADS01, BF01, LFA96, KDSS18, PP06, SV18]. Decision-Tree
[BF01]. declustering [WZZ+17]. decoder [MC17]. decoding [CP10a].
Decomposable [KS08]. Decomposition
[Bai94, BCCD02, CP92, HH90c, KBG92, LS95, NPY+97, PE93, QZ94, Ara90, ACFK07, CvdBL+08, CZZ+17, Luk85, OT86, SK09, TW87, WD18, XWC+08, ZWR10].
Decompositions
[ABCP96, KRW96, Oru87]. decoupled
[CTCX08, DBC03]. Decreasing [TSHH01]. dedicated
[AM07, MAR05, WLNL06, ZV09b]. deep [CXQ+18, HMY+18, HKK+18, TLL+18, WW18b, WDS+18, ZWW17, MLCFH+18]. defense [XCH08].
definite [KK86]. Degenerate [HF96]. Degradable
[BBR94, CGA98, LH92, RCB93]. degradation [NSTN91, WCYR08].
Degree
[DS96, Pra93, RL95, BCF14, BPBR11, KSK15, LVP08, Sta17]. Degree-Constrained [RL95]. degrees [ZDC06]. Deister
[WZZ+17]. Delaunay
[ABC+09a, ABC+09b]. Delay
[AZ01, AH11, GZG+17, Hu11, GL12, HWWH08, LMZ04, Li19, MD07, NLB+18, SGR03, WW12, WW15, WHC+18, WHD+18, YA11, YW15, ZWW17, KSSK16]. delay-aware
[WHC+18]. Delay-Constrained
[AZ01]. delay-guaranteed
[WW12]. delay-optimal
[MD07]. Delay-sensitive
[Hu11, NLB+18]. Delay-tolerant
[AH11, WW15]. Delays
[GM94a, GK98, KL01b, RWB+13, Sta04].
Deleting
[BCK+09, PPC04]. deliveries
[WE13]. Delivery
[CLZ02, CLV95, THGY15, AH11, Bar05, KMF+05, KNS06, SZ09, WGCZ09, WLZ+18, XYL06]. Dellat
[THGY15]. Delta
[ASB18, KJ84, YL89]. Demand
[DSST95, HLL+95, JSCB95, BSW07, FVLB09, HZDP12, KyLPC17, LSS25, NK16, SFEF06, WL05, XG03, YYLC11]. demands
[SLW10]. dendritic
[WCKD06]. Denial
[BK18, KMMZ06]. Denial-of-Service
[BK18, KMMZ06]. denoising
[TLL+18]. Dense
[DVW94, FHL+15, ICQO+12, LKD14, RM10]. densities
[DHK04]. Density
[MC17, BAT+19, WCXL11]. Dependability
[SM92a, WLID02]. Dependable
[MAJJ05, NPGV10]. Dependence
[GSG+93, KK95, Xue97, CC87, NCA+12, Psa96]. dependences
[NCT+07]. Dependencies
[KBG92, TC96, BSMH08]. Dependency
[GP94, CSJ+13]. dependency-timing
[CSJ+13]. dependent
[AL04, BH05, LSWC14]. deployable
[YCI2]. deployment
depth-first deques [ST08b].

derivatives [PK04a]. describe [JWH'17]. description [MRS'14].

Descriptor [Bal90]. descriptors [LNW'12]. Design [AFA13, AM17, AC16, Ano92c, BAH901, BCD90, CGKK97, Car95, CCC90, CT93, CAB94, CW93, CTKA17, CKK'13, DR19, DBKF90, DVW94, ES96, EMP'96, FC90, FR96a, Fer92, GRV08, GFB'92, Ger98, GRS97, GSP02, HP97b, JH92a, JZZ'17, LL90, Lee91, LL92, LSL93, LLKY13, MKC01, MP10, MVB05, MG09, MML07, NMB93, NJ91, Nie94, NSPPC02, OS93, PA90, PI90, PMCC18, RCB93, RBG17, RPK97, SDS'18, SAOKZ05a, SAOKZ05b, SRK95, Sol13, SH93, SOG94, TTH12, WNA'94, WH97, XKMN94, ZPK'14, Ada17, ABLP17, BBH'17, BHL04, CG11, CSJ'13, CK13, Che96, CHX'17, Chi95, CC96, DFHH13, DE91, EFG'14, FHL'15, Fer90, FCG'14, FD86, GREC91, HDT'05, HWW08, HKK'18, KMC16, LÜ14, Lon04, LVB07, MCM'+11, Nap90, ORWT'18, OMT'17, PLD87, RGD03, RA11, SDS10, TM06, TB90].

design [VRGS17, VHH08, VLL'14, WSG91, WU11, ZMYZ17, ZY12, ZV09b, ZFWF06].

designed [BSSH15]. Designing [BBBC12, BC01, CB06, DH91b, FSP18, GP93, GMS'13, GB93, KT89, NS92, Or97, SRGB90, TC96, YCH'10, YFY17, KAS07].

Designs [HCS'00, LHM95, MD01, Oru94, Bhu87, CP04b, MC17, Man13, PGRP17, Sch99a, WAS88]. Desktop [LSH'13, CCEB03, AAD10]. Detect [XCH08, UGG'11].

Detector [DMI'19, SLG06]. detectors [AAI'15, BGBBC'16, DFGGK05, LFA05, MFVP08]. detention [JXW06].

Determination [BN94]. determination [MJ03]. Determining [GRR93, LAS'97, DH91a]. Deterministic [AS91, BHR95, BST01, CW93, CY95, CDP95, dADB96, GCKM97, GS96, HTHB98, ISZBM99, KS894, KS94, LLLY08, MMR989, Par92, PAH'98, Ram89, RP95, SL97, SJS11, WCF94, YHYW18b, AFD'11, AMK'07, BXA08, CRK'09, CV90, CH06b, DKKV15, DFP06b, Eri88, FM85, GDCC18, Gue96, GH99b, HMY'18, IZ12, KH903, KCFP18, Ksh12, KKTZ13, Lai86, LLC15, LJP5, LLWC17, LHL14, MD07, MFPV08, NOH'13, PMHM19, PH16, RLP14, ST12, SMP17, TRS'12, TY17, TCS'10, WL11, WML'18, WXZ'18, XLI1, XTN12, XSYG18, YF07, YDZ'18].

Detections [Yen01].

detector [DMI'19, SLG06]. devices [AAI'15, BGBBC'16, DFGGK05, LFA05, MFVP08].

Determinacy [BN94]. determination [MJ03].

Development [BR95b, FSD04, KHT'14, PH00, AM17, DBCC'03]. deviation [XBD07].

Devices [DM90a, PVP18, VFD17, ALF03].

DI-multicomputer [CC96]. Diagnosing [Qia97]. Diagnosis [BW95b,
Diagnostics [DMG18]. diagonal [PRHB06]. Diagram [RR95b]. diagrams [SZ03]. Diameter [DF95, LP95, RS96b, RLS96, WIKC97, BBD18, BBL04, CW09, SLWW05].

[BVB02, CW00, CDF01, DS01, DF95, NM17, ST02, DS04a, EI07, Hsi04, MBR08, ST06, Tur12, WCWH03]. distance- [Tur12]. Distance-Hereditary [CDF01, Hsi04]. Distance-Insensitive [ST02, ST06]. DistDLB [LTL06]. DistOpt [CLRW00]. Distrib

[KN18b, LSS+11a, MSAZ10a, PCX+14, REK10a, WTC08a]. Distribute [LW95]. Distribute- [LW95]. Distributed [AAA+15, AE95, AL99, AM97a, AM97b, AMN00, AFS96, AK17, AaJS01, Aa97, AS13, AYI97, Ano96j, Ano96i, Ano97j, Ano99g, Ano02v, Ano02u, ABLP17, ABCP96, BR95a, BR96, BFTV87, BGLA03, BCR96, BCR96, BCR96, BCR96, BC95, CWP98, CM92, CA95b, CLRW00, CP99, CWD11, Cuz11, DWG03, DY99, DA97, DUSH04, DS95b, DOP98, DMSH90, DFLO17, DN94, DSW94, DSAU09, DAYA02, DL99, DH95, dADB96, EF90, FR96a, FFK97, FTM+14, FKS97, FP911, FM99b, FY97, FTC00, FD99, GHY10, GDP98, GP97, GCKM97, GM94a, GMSS+11, GZY14a, Gra09, Gup92, GHS96]. Distributed [GHSJ96, HR00, HBMC99, Haw97, HK01, HP97b, HWLR14, HWY+10, HLJ01, JP17, JF95, JD+15, JSM94, JNW96, JRR99, KGS01, KY02, KSSL16, KRC00, KS07a, KD0+13, KKH17, KHS96, Ke00, KB96a, KZ96, KVC99, KSK15, KS00, KC94, KRS13, KS94, KS02, KKTZ13, KC99b, Lan09, Las12, LW97, LTH97, LZ02, LC90b, LHM95, L99, Li10, LLWC17, L93c, LIW07, LHT08, Lon04, LACJ18, LN11, Lu01, LS01, M92, Man97, MS99a, ML9+90, MT97a, Mat93, MS9+13, MS00, MNK12, MF96, MSST99, MK98b, NS97, NTA96, NFB98, NM02, OY13, OK01, PH96, PAM94, PA96, PB99, PSRS12, PK07, JK0+15, JSM94, JNW96, JRR99, KGS01, KY02, RDS02, RJY96, RGS00, RA96, Ros07, RP95, SHSH17, SM94, Sch89a, Seb95, SRG90, SZW05, Shen95, Sin87, Sin93]. Distributed [SS94a, SM08a, Sn03, Soh96, SLG+18, SIR92, SBAM96, TH11, TT10, The02, TSC01, TAS+10, TG97, TSFZ14, TB90, Tse95, TY95, Wan01b, WCWH03, WW98, Wee01, WRC+02, WMG01, WF96, WLID02, WUG99, Wu02, XKB07, wXH00, XQ04, YH97, YB01, ZV06, ZM94b, van96, AT03, AL9+09, AAFV04, AL04, Aih90, Al919, AGMS04, AMF09, ACCP12, AAI+15, AM11, AMK+07, AH96, BFG+03, BC05, BMB+08, BLP05, BBCQ13, B89, BNP02, Bar05, BB03, BCMV15, BOKS19, BHLT14, BK03, BK08, BFL+13, BD04, BMF05, BH05, BGM+08, BCF+94, BLZ+18, BFP04, BBL04, BJ18, CSWD03, CG12, Car95, CGL+14, CG86, CV90, CvpB0L+08, CVK+18b, CTCX08, CS08, CKWT17, CLM00, CkLCK04, CkLCK05, CCG+09, CJA09, CI86, CTT16, CPO+03, CTT8, CK91, Cuz13, Cyb89, DK08, DB11, DM04, DRT07]. Distributed [DKM10, DHK04, DTK11a, DH04, DJT03, Eiji18, EBE08, ESA03, EHL+15, ES12, FFP14, FCC07, Fer90, FL86, FKR+17, FX06, Fu10, FLC14, Gai87, GYAB11, GC06, Gos90, GWL94, GC05, GL12, GL90, GN15, HJ90a, Hoh90, HLM+90, HKW05, HD10, HL07, HHH15, ITT04, IB04, IS06, JF12, JKI13,
JLM08, JZZ+17, JZ05, Joh91, Kak15, KHW13, KUA07, KSG13, KK06, KMMZ06, KAS07, KCD08, Kim11, KKS+12, KL05, KCFP18, KS13, KBD05, KP05, KC04, Lai86, LL19, LTL06, Las13, LLL06, LVP08, LL09, LJ05, LY91, LZY09, LASS15, LVR90, LC91a, LVP07, LdPLC+19, LB09, LL18, Lop13, Lop18, LA04, LCM+06, LSZJ15, Lun90, LM09, MLZY17, MD07, MM07a, MSM09, MAPF14, MA11, MBMC19, MBR08, MS86, MTS90, MM07c, MFVP08, NSA510, NTN12, NDW17, NSDZ18, NP09, OFS03, OPR18].

**distributed** [PKN08, PKN10, PK05b, PRHB06, PGS06, PL03a, PC11, PH16, PMdo11, Pop91, PGKV18, PF04, PRN+19, RLP14, Ram89, RLH03, RAN+17, RDA18, RKS87, SSKS11, SW12, SDTD04, SSS88, SMP15, SU87, SB15, SC04, She09, SCS+08, SCMS12, SK90, SXZ06, SS18, SCMH13, ST14, SKK91, SLKK13, SK9b9b, SM04, Suk18, TLLV10, TG04, TBZB05, TZH+06, TXLL14, TM10, TVT+17, TWQS12, VB08, WW07, WTC08a, WTC08b, WL11, WML+18, WW04, WHC+18, WL92, WD13, WSLC11, WZQ+13, XHY07, XQ07, YZS15, YHWY18a, YHWY18b, YL+15, YZG18, YW15, ZAB18, ZCK+02, ZV09a, ZZJ+18, ZCMY12, ZTFK16, ZWR07, ZBL+17, ZWL03, dG91, DLLL11].

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

**distributed-Web** [KCD08].

**distributing** [TY90a].

**Distribution** [BRR01, BR02, CLZ00, DHR96, KL01a, LAS+97, LL98, MMN98, SLW10, SSYG97, ASM09, Fei03, FM07, GRV08, GBA08, HSW04, LLL06, LT07, Li17, MVBo5, NM17, PV89, SS06, WZ17+17, gWW18, YJL16, ZWL03].

**distributions** [BKMT14, Nic07, PCX+11, PCX+14].

**Distributively** [VR94, FPP+08].

**DITVA** [KCSS18].

**divergence** [Tor89].

**Divergent** [RMHR17].

**diverse** [SSFP11].

**Divide** [AY99, CTZ99, BW09, GDL+11, Sto87, TP18].

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

**Divisible** [VB02, BD11, CG12, CVJ09, DW04, HV13, KVA18, LML+10, MLDG12, MVBo5, ZV06].

**Division** [HP00, QMCL94, ZLP01, Dav17, EL91, HRG+11].

**DMON** [HP97a].

**DNA** [GPX08, JV09].

**do** [LTG14, CC87, CCC90, KMS10].

**Do-All** [KMS10].

**Doan** [Ano92c].

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

**document-similarity** [UGG+11].

**Documents** [ALL99, Fei03].

**doing** [MBG+17].

**dollar** [SSM+07].

**DOM** [WXZ+18].

**Domain** [CZZ+17, KRS13, KRS14, NPY+97, MRS+14, SK09, SS11, WMC+18].

**Domain-Specific** [KRS13, KRS14, MRS+14].

**Domains** [DR95, BFM05, dGP06].

**dominance** [EE05].

**dominated** [AM12b].

**Dominating** [RD95, DW06, HJ07, JPD17, WCWH03, YSS11, YWW12].

**domination** [GP07, GK10].

**Don’t** [BL94].

**DOOR** [Won99].

**DOOR/MM** [Won99].

**dOpenCL** [KSG13].

**Double** [GVBB13, XLHT13].

**Doublly** [OOW95, ST08b].

**down** [Sch89b].

**DPI** [HVW16].

**DRAM** [ZLH+18].

**DRAM/NVM** [ZLH+18].

**Draw** [Mil93].

**Drawing** [CP98, DP12].

**drawings** [JD12].

**drift** [HES11].

**drive** [LTG14].

**Driven**
[CB99, CP99, FM99a, JB93, Theo2, TVO92, VBM90, WSS93, ASES15, BH86, CTT16, GK04, HKH03, LWZ11, LS10, LGK+12, MBS+12, NCB+17, QJ05, SS08, SS18, TLQS12, VO89, WLZ+18, XLL15, YCC05]. drives [GFPC14]. DSDV [BDF01]. DSM [BJS03, ISZBM99, NPP+02, Nik03]. DSMs [KG04]. DSP [DSEP17, QSL+18]. DSPONE48 [DSEP17]. DSS [FGP05, MKC01]. DTN [VV90]. DTNs [MPS16, Yan09]. Dual [ACCF12, LSXX14, XWC+08, ZW00, MAJJ05, WCC02, WL05]. dual-Hamiltonian-path-based [WCC02]. Duane [BS96c]. due [BKS91]. Duplex [RS94]. Duplication [BA97, DA97, BKS05, BD05, STK11, TLLL10, WCEA10]. duplications [SCJ+08]. during [VWHL96]. duty [LDZ+17, LDZ+14]. duty-cycled [LDZ+17, LDZ+14]. DV [CSW+17]. DV-Hop [CSW+17]. DVFS [CG17, ECLV12, LSC+15, RTZ11]. DVFS-based [RTZ11]. DVS [ZHLQ12]. DVS-enabled [ZHLQ12]. Dwarf [DTK11a]. Dyn [WLNL06]. Dyn-MPI [WLNL06]. Dynamic [AGF94, ALL99, AAD10, ANA13, Ano97j, BR95a, BPPM+08, BP090, BR02, CJD99a, CDAN14, Cyb89, DB11, DL01, FCC07, Fer95, FMP98, GP94, GM14b, HM01, HC97, KKGS01, KCSS18, KR10a, KVA18, KPC96, KC99a, KS97a, LHKL03, LPS+98, LL98, MAS+99, MD13, MD15, MSi+95, MSSE02, Moh97, MNM98, NPP+02, NPY+97, OOSGVG+16, PH96, QMCL94, RDS02, Rie98, RGVBO00, RN04, San95, SESH17, SZ00a, SLP+98, SSB98, SB97, SS17, SG96, TT10, TDP15, WCE97, WJD91, WLID02, XL92, XH93, ZLP97, ZA05, ZM94b, Ano04d, BCV05, BBCQ13, BGLA03, BNP02, BB03, BFC14, BK08, CBD+09, CSMM10, CW05, CPLY18, CGG+09, CDCD05, CKML12, CW11, DLW+12, EE05, Fei03, FXW03, FKL08, GOO16, GCS06, FPFC14, GBA08, IC05, JBA15, KZ11, KMS07, KMS+06, LT02, LGZ+10, LLL08, LC91b, LPX05a, Li10, LLY15]. dynamic [LS06, LLW12, MYHY17, MC91, MK08a, MCS14, Mi07, MML07, NDF+18, NPL+18, NCT+07, NHO+13, PK08, PK10, PM05, PTRP05, PW17, QJ05, RK18, RCG18, SBNM16, SSM+16, SS06, SSS07, SZ07, SCK03, SLG06, SSDB+10, SZB16, TZ07, TW15, TH08, TMK+17, TT07, WW12, WZXL+18, XLC+18, YK04, YS11, ZXYO11, ZCS+18]. dynamic-warp [NHO+13]. Dynamically [JB98, KSS+07, PPP14, dSR00, SB84, SK15, Kep03, Lai86, Mat06, ORWT+18]. Dynamics [ES96, JBL02, NPY+97, PAH+98, TASA97, AGM06, CvdBL+08, CMPS18, DAG+17, GBMZ07, LLY08, PARB14, PTK+13, WYTX13].

LYJ$^+$19, Lin03, LWQ$^+$18, MA19, PRN$^+$19, SS03, Udd19, YWJ$^+$18, ZCS$^+$18. Edge-Coloring [LSH96, GDP08]. Edge-Disjoint [BGR96, TDM05, Lin03]. Edge-of-things [AMU$^+$19]. edge/cloud [Ale19, MA19]. Edges [HHC98, BKCM17, FPP$^+$08]. editing [RS90b].

Editor [WW03, AB03b, Ano01l, Ano02d, Cas93, Che92, Cho93, Her92, Kir92, Lin93b, Pan09, Pra16, Sch90, Sto90]. Editor-in-Chief [Pra16]. Editorial [AS15, Ano94e, Ano95k, Ano96k, Ano99i, Ano02e, Ano02f, Ano03g, Ano04f, Ano04h, Ano04i, Ano04j, Ano04k, 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].

Edu-2016 [PGKV18]. educating [LMB$^+$17]. education [APV18, BLZ$^+$18, CVK$^+$18b, Hu17, MBG$^+$17, Nee17, NKS17, NDS18]. Effect [ACD$^+$93, IS06, BL05, JZ05]. Effective [Ano97k, BC01, GM96, HH97, KO11, LT96, MAR05, QM01, SH92a, TFV$^+$15, YZS96, AMU$^+$19, AM12a, BV13, BCK$^+$13, Cza13, DJDK19, DZDZ01, KB96b, ¨UD96, CK88, HLS03, KG04, SPBR91]. Efficiency [EH01a, GG01, LdSB$^+$18, AGH12, AG12, BC11, BYH$^+$17, ESCV15, FMR15, FCP$^+$15, GSWW04, HRM17, HJLR12, LB12, LZSL06, Ren17, Si86, SWHB17, SHe14, VETT18, YF09]. Efficient [AOSM04, AP94, AZC13, AKP95, AG86, AMK$^+$07, BCO$^+$12, BM16, BGI$^+$03, BAGS95, BAH04, BRP03, BJK$^+$96, BDH$^+$97, BMIM07, CM04, CRK$^+$09, CKK00, CCK00, CCC92, CW12, CN93, CS95c, DDNS06, EP90, EL97, FG08, FBM98, FMR05, GPT06a, Gao93, GR96, GCMK97, GM94b, GRS97, GP00, GKHS96, GNW03, HQPT99, HH01, HSLL04, HASB16, HHC98, HHH93, H094, Hwa97, IR12, Iq92, JBS14, JB93, KPC96, KHS96, KK10, KLZ97, KKB$^+$06, KS13, KR11, KA97, KKB92, LJ05, LHHW11, LTD$^+$14, LJZ$^+$19, LY01, MD01, MLDG12, MB13, Mat93, MHC95, MS99b, NB93,
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NT93, NIR86, ND12, OS96a, OK01, OP96, Pad91, Par98, PA97, PP13, Pen11, Pra93, RV13, RSS99, RS906, Rao16, RMU14, Ric98, RJMC95, San02, SOMP15, SW96, Sch13, SSGG18, SSHC00, SOMP17, Sin87, SWLZ17, SCLL10, TU92. **Efficient** [TR96, Tur12, VB02, VBM90, WRC+02, WHT00, WCCH18, XMN92, XHL18, YD08, YZLT09, ZB97, Zln92, ZH07, dSAJ15, AAH17, AFA13, AR17, Ara13, AS19, BFred17, BM11, BKC+15, BK13, BOY10, BR91a, Bic90, BBD18, BCK+13, BHK17, CWZ+18, CMR+18, CKN07, CP10b, CGW+03, CMN12, DKM10, ESQG+11, EHD+17, GDCC18, GKS15, GT04, GLD06, GYP13, HSS10, HS06, HRJ94, Hsi04, HZHS18, IEWK17, Joh87, KTP17, KVA18, KyLPC17, KHK18, KL05, KSSK16, KA05, LK13, Lai14, LMPZ04, LLB+18, LS91, LSC+15, LR03b, LZY18, LL18, LCJ+18, LHP07, Lon04, LLDL15, LA06, MGS12, MD07, MSF+13, MPS16, MPN17, MAHKZ12, MCP+18, NMS+18, NF17, PPSV15, PVGG06, RM11, RLA+16, RLA+17, RFS+12, RT18, RGA18, SB12, SX08, SMK13, SM08b, SJG19, Tam18, TLY12, TGPUC16, TMLK+17, TLL+18, UBES10]. **efficient** [VRGS17, VAF19, WJV07, Wan07, WTC08a, WTC08b, WMW09, WLST16, WTVZ16, WNC+18, WIB12, WH17, WGCZ09, gWW18, XLC+18, XHZ+10, YSS11, YLB+15, ZCMY12, ZLL14, ZCX18, ZB03, ZWX16, ZLCZ18, ZHLQ12, ZTGL17, ZHO03, LM09]. **Efficiently** [MT95, Coh90, CCM+06, FP03]. **effort** [Bar05, MAM05, QGZP17]. **EFS** [MSK+16]. **EGEE** [VPHML06]. **egress** [MCAS12]. **eigenanalysis** [TYA16]. **eigensolver** [ABGV11]. **Eigenvalue** [Kan04, YL08]. **eigenvalues** [VGAB08, ZB03]. **Eisenstein** [HBAD15, HS17]. **Elastic** [FGG17]. **elasticity** [MMVL11]. **elderly** [HRM17]. **E lecting** [SK94]. **Election** [AS96, KB96a, DLV11, DGDF10, FKK+04, KGN89, PEI+00, SS05]. **Elections** [FM96]. **Electric** [IWM97, AK18]. **Electrical** [MO97]. **electricity** [DL98]. **electrophysiological** [HES11]. **Element** [BCV94, CSM94, PPTV+10, FC14, KME09, Ren11]. **elementary** [FK98]. **Elements** [GB98, KNS91]. **Eleven** [BSB+01]. **Eliminating** [DR98]. **Elimination** [BPST96, BM97, CS95b, Cap87, ESGQ+11, KA09, VNL58]. **Elimination-Based** [CS95b]. **Elliptic** [PSE+01, BGH+03, SKH15]. **ELLPACK** [ZGG+14]. **ELLPACK-based** [ZGG+14]. **ELM** [CLOL17]. **EM-4** [BAM93]. **EM-KDE** [EHL+15]. **embed** [SKK91]. **Embedded** [WA02, BM17a, CNLGL18, CLC04, CkLC05, CRJ16b, DQR+09, FWM+10, GZR+17, GSWW04, KRO6, LLLC15, LCB16, MBR08, MGRKK14, PRHB06, XLL15, YZX11, FWM+10]. **Embedded-TM** [FWM+10]. **Embedding** [ANS97, Am94, AM93, BL89, CCCM96, CS95a, Efe91, Eg96, HKMU98, HJ90c, LSC00, LPS+98, Lin03, NPI+96, PW16, PM92, QM01, RWY93, SHL95, SLP+98, TT98, TL94, TL96, Var91, Wag89, Wag93, Wag94, Wan01a, Wuy85, WFL98, BG90a, FLPJ07, FT04, LFZ+17, PW17, YLZW18]. **Embeddings** [GH93, HM01, HOS94, KC98, MT93a, OS97, OD95a, CL91a, GNW03, LLFJ18, YTH07]. **emergency** [HPB+10]. **Emerging**
Ano02v, BKC+15, KHT+14. Emitter [FPM+14]. Emitter-coupled [FPM+14]. Empirical [FTC00, LR93, LGK+12, NXTK17, XZS96].

Employing [AGMZ06, PKW+10]. empty [Deh90]. Emulating [KMS10].

Emittance [FPM+14]. Empirical [FTC00, LR93, LGK+12, NXTK17, XZS96].

Employing [AGMJ06, PKW+10]. empty [Deh90]. Emulating [KMS10].

Emulation [JH94, PRW94, LST17]. Emulations [RGD03].

Enabled [MWL00, CSL15, CCN06, GQZ18, GRJ+15, KTF03, LMXJ18, TODQ18, ZXMR18, ZHLQ12].

Enabled [ETS14, FCG+14, JKIE13, SP08, SA19, TT10, ZP+06, ZCF+17, DKKV15, HRH18].

Encoded [JH94, CLV95]. Encoders [TLL+18].

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

encrypted [SWW+17, ZHT16]. encryption [WCCH18, ZAAB17]. End [Ano08, Ano09, Ano10a, Ano11j, Ano11k, Ano12m, Ano14f, Ano14g, Ano15k, ZLCJ12, CXQ+18, FGP05, GBMZ07, ORWT+18, WG11, XLL15]. end-systems [GBMZ07].

End-to-end [ZLCJ12, WG11, XLL15]. end debug [CV16].

endurance [WCCO17]. Energy [ALF03, BOY10, BYH+17, DKM10, DKY01, FWM+10, GQZ18, GYP13, KR12, LK13, LMG15, LL10, LW16a, Li16, NLAL17, LSC+15, LR03b, LY13, MSG12, MTL+18a, NMS+18, PLR07, QSL+08, RM11, SP13, SSG12, WHC+18, WH17, XH+10, ZZJ+18, AHG12, AK18, CV16, ECLV12, FRM15, FCGJ+18, FCP+15, FKLBO8, GYY10, GDCC18, GTN+06, GL12, GPSH19, HP06, HRM17, JZZ+17, JZF+15, KR10a, KSI04, KyLPC17, KCR14, KSSK16, LR14, LCW05, LL12b, LLCZ19, Li19, LZC11, LLDL15, LCB16, MMK+11, NS12, OMT+17, PCM+17, RWH+13, RLA+16, RLA+17, RFS+12, RT18, RTZ11, TLY12, UMM+18, VRGS17, WMW09, WLST16, gWW18, XS11, YL12, ZYS15, YAK15, ZW11, ZWY+15, ZWWX16, ZLCZ18, ZHLQ12, MSK+16].

Energy-aware [GQZ18, LMG15, LLAL17, LY13, FCJG+18, LR14, LLCL19, MMK+11]. energy-constrained [JZZ+17, KSI04]. Energy-efficient [DKM10, GYP13, LK13, LW16a, LSC+15, MSG12, NMS+18, WHC+18, WH17, XH+10, GDCC18, KylPC17, KSSK16, LR14, LCW05, LL12b, LLCZ19, Li19, LZC11, LLDL15, LCB16, MMK+11, NS12, OMT+17, PCM+17, RWH+13, RLA+16, RLA+17, RFS+12, RT18, RTZ11, TLY12, UMM+18, VRGS17, WMW09, WLST16, gWW18, XS11, YL12, ZYS15, YAK15, ZW11, ZWY+15, ZWWX16, ZLCZ18, ZHLQ12, MSK+16].

Energy-grounding [WCCO17]. energy/power [OMT+17].

energy/power-aware [OMT+17]. ENF [CK97].

Engineering [KMF+05, Kub17]. Engine [KSL85, Ram92, HVW16, XTN12, SD88b, XP10]. engineer [GS18]. Engineering [LWR+03, BCD+15, CCE+17, Gai87, Nec17, PRHB06]. Engines [SD00].

Enhance [WLID02, DZC17]. Enhanced [BOSW94, MD13, OPG08, OS96b, OSZ98, RK18, LLDL15, DOBG+15].

EnhancedBit [ARD14]. Enhancement [KLJ84, TC92, DK04, KS18, NGQM12, RH05, RM90, TBG+17].

enhancements [ESQG+18, LÜ14]. Enhancing [AYE08, CGN+13, CRA+08, GRR13, HWR14, dAMF01, MH18, OM10, QGZP17, VETT18, CCHC09, JBY+05, VA03, WXZ05]. ensemble [KBC19, SV18].

Ensuring [JF95]. enterprise [BJPPM+08, CCEB03, GSASA19, 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, CSMM10, CCRS92, CHR94, CB96, DKY01, DRSB01, GYAB11, KZ96, KC99b, LC90b, LAS+97, L99, MFF93, RS92b, RSD94, SG93, SRGB90, SS00, WH97, ZL93, AOS+05, BLZ+18, CK88, CCS06, JLIW11, KVS07, KSS+07, KK10, LLY08, LL18, MYY17, MAR05, ML12, MML07, SSKS11, SSM+06, VD18, WD13]. **Environment-conscious** [GYAB11]. **Environments** [CTD99, CLRW00, CP99, KRW96, KR97, KER01, LTH97, PRS97, PRG88, SSB96, WSRM97, WSA+94, ATZ07, BAL05, BPA06, BH05, BSMH08, CTKA17, CLL09, DBC03, DWX10, ECP+18, ECLVL12, FRM15, FCJG+18, FMI18, JS86, KV10, KAS07, KLJ+11, KCFP18, Ksh12, LY91, LSH+13, LWR+03, LML+10, LSWC14, MK08a, NP09, PP06, SJB12, SZB16, SZL10, SJS11, TZI11, TG03, WME12, WG11, YTO5, YCC05, YWG15, ZLZW18]. **Ephemeral** [AGMS16]. **epidemic** [AHZ11, LpJS+18, MSF+13]. **epidemiological** [Rao16]. **epistatic** [HLS03]. **EPLS** [CLC+17]. **epochs** [PBS08]. **EPPOD** [WH97]. **EPSILON** [GH90]. **EPSILON-2** [GH90]. **equal** [ST85]. **Equation** [DM90a, RW01, Gao86, JGMY17, LYL08, WJ14]. **Equations** [IK94, MV94, PSE+01, QOvdG01, TH02, CM03, GGR89, GS91b, SPH13, Ter16]. **Equivalence** [OO85, CM04, SM92b]. **equivalencing** [ES12]. **era** [MBG+17, SC10]. **Ercegovac** [Ano92a]. **EREW** [DL98, HS94a, ZK94]. **Erlang** [CLG+16]. **Erratum** [Ano92c, Ano93e, Ano96l, Ano00d, BS96c]. **Error** [Lat98, Par92, WCF94, BGB+16, DFHH13, OWK14, PKN08, RIZ90]. **Error-Correction** [Lat98]. **error-prone** [OWK14]. **error-resilient** [DFHH13]. **errors** [BCC+18]. **Essay** [Mii93]. **Essential** [DS95]. **establishing** [GPJA10]. **establishment** [SZMK13]. **estimate** [BKK+11]. **estimates** [TDBL13]. **Estimating** [CCK88, LGL13, MK92]. **Estimation** [CP92, Fahl96, KC17, PKN08, SPVvH03, gWW18, ZRN+14, DLLL11]. **estimator** [SIY14]. **Ethernet** [HcF05, KLY05, PYF08]. **Euclidean** [DS01, DS04a]. **Eulerian** [Kal04]. **EUROGRID** [LBE03]. **European** [LBE03]. **evaluate** [dOCS14]. **Evaluating** [AFNT17, Ale19, BL96, BC01, CLRW00, FW05, HCS+00, HKT94, LR94, MM+18, RS92b, SS99, TTTG95, ZHY94]. **Evaluation** [ATM01, BPJG92, BS92, BCD00, BM95, CT93, CEF+95, CP01, CP04b, CP91, CP92, DT01, FR96a, FTC00, GGD93, GS96, GS00, HJ90b, HN91, yHY97, JB93, KCDZ95, LLS93, LYL03, LP96b, MT95, MS85, MKC01, MB92, MJ01, NBP98, PEC95, PTC+93, RCB93, RNSB96, RKK97, SM92a, SDS99, SOG94, THBF97, TH02, VBM90, AB13, Bat05, CTKA17, CkLCK04, CkLCK05, CC96, CB11, dADC18, DR19, DMS+16, DMS8, GRV08, GE85, GS91a, HW03, HBS17, LL90, LZY11, LW+12, MS88, MVB05, MRRK14, PMCC18, Sch89b, SWP90, SA11, Sol13, SE15, WL90, WLZ+18, XQ07, XWC+08, YL12]. **evaluator** [MS87, MP88]. **evasion** [YpGyLlC13]. **Even** [NT93]. **Event**
[Ano02v, AB93, Bou02, CK97, DMSH90, ECP+18, Lin93b, Lin93c, Pra93, AZC13, BM17b, BXA08, CK08, CM12, FX10, JKD+15, LVR90, SW12, Tay05, WZQ+13, ZZ90, ZCK+02]. Event-based [ECP+18]. Events [Yen01]. Eventually [LFA05]. everybody [KSSK16]. everything [CCM+06]. everything-shared [CCM+06]. EvoDeep [MLCFH+18]. Evolution [JM00, RBB17, HWY+10, Li10, Ngo06, SV18, WRW13]. Evolutionary [Ano99g, MSSE02, SdS97, SS97, YLZW18, ZO97, AC89, BH05, COF+17, GB06, HD10, MLCFH+18, SCS+08]. evolvable [KKKP12]. Evolving [GR96, OH02]. Exact [RS96b, GA18, OFS03, PB15, Psa96, XP10]. examination [FL86, SMH91]. examples [FK98].exscale [APV18]. Exchange [VB94, WS97b, XL92, XL95, CMR+18, Dim04, ECP+18, HSW04, NKK16, PW16]. Exchanging [GPT06b]. Exclusion [AE95, Cha94, Cha96, FTC00, GBG93, KY02, KUFM02, NTA96, NM02, Sin93, YZY96, AK07, Ara13, BAS06, CW05, CH06a, CB06, DGF05, Gos90, LASS15, MM07c, NTN12, RDA18]. exclusive [DMI+19, WW18a]. executed [SP90]. executing [AKSM08, CDJ+89, QJ05, Sol13]. Execution [CC90, Coo93, DD95, Gup92, GKS96, HS86, LAS+97, LIK+05, Mah95, MM93, Mer96, Mir91, NBM93, NS97, NDZA99, OKB95, RSD94, RHH96, RSN01, SCMB90, SA93, SM02, WBB96, ARM+05, Bic90, CC87, CCW18, DeG88, DKR09, ESCV15, FCC07, GYY+14, GK04, LFS16, LR14, LPK+10, Li19, MSM09, MTL+18b, PP13, PSB+19, uRIL+18, RG06, S06, SLW16, dKG+10]. Executions [LMC90, FCP+15, KVNV17, RV13]. exercises [Suk18]. expandable [SSB91]. Expanding [Zia92, RM10]. Expansion [LY12, SL89]. Expectation [YZG18]. Expected [Ros99, CL09, SSS88, SC91a]. expected-time [CLL09]. Experience [FTK14, SH92b, Chi95, LBT19, NGQ12]. Experiences [ARM+05, CDH84, GRJ+15]. experiment [PF04]. Experimental [BJ96, BFG04, CFE11, FCS91, Hag97, HBJ98, MJ01, PTC+93, YMR93, ZYH94, Bt94, CT94, dADC18, GHC+17]. Experimenting [AD95]. Experiments [RS92d, CF88, LYW+16]. Expert [DS94]. Explicit [CP90, DS02, Fre96, RCG+11, Ror16]. exploit [YCH+10, ZPI06]. exploitation [PVG06, VFAD17]. Exploiting [CB15, CKK00, DL99, FKLBB08, FY97, HT90, JBY+05, LKS14, MNB95, NMS93, RAGN18, SH92b, VBF13, WYTX13, ZLWL12, CDAN14, GJXZ05]. exploits [GBM07]. Exploration [SDS+18, BKC+15, CCK+13, LKY13, OT19, TKNK+17, TD07]. Exploring [ARP18, LR93, NTXK17, PCMM+17, ROB+18]. express [APRA18]. expression [GS91a, WSH+03]. Expressions [GKHS96, Mer96, DG88, DM90b, JK89, LGC+15, MP88]. expressiveness [HdR13]. Extended [BLG01, LWG02, Rec84, E107, LWQ18, YWW12]. Extending [BBCLL04, CMR10]. Extensibility [MB96b, LFH+03]. Extensible [FLCB10, HGFF10, ZWL03]. extensions [DPS08, Oza04, JM00]. external [DO89, JZK04]. Extra [SZ00b]. extracting [BCH15]. Extraction
[YB01, CLC+17, HP06, LLS+16, MM15, Pla08, Raj08, WJV07, dAT17].
Extrapolated [DM17]. Extrema [AFS96, RKS87]. extremal [FSV14].
Extreme [SFT+13, YZW+15].

fabrics [ZRN+14]. face [CMN12, NHO+13]. facilitate [Udd19]. Factor [GG01]. Factored [BSGM90]. factorization [CASD18, FHL+15, MVV91, OT19, She06, ZLRP91]. Factors [BP98, EL88].
failovers [SI13]. Failure [AAI+15, FCF00, Fu10, JAB12, BKMT14, DGFGK05, FX10, HK05, JKIE13, KV10, LGZ+10, LFA05, MFVP08, PCLP16, YF07, YHWY18b, JKIE13]. Failure-aware [Fu10, JAB12]. Failures [ADS01, DT02, VR94, VR95, DGDFT10, GPT06a, HRC09, LY10, MR09, RLH03, SCMS12]. Fair [ALH+09, BHLT14, KY02, KNHH18, Tau16, AS19, GNT04, KS03, KD08, LASS15, SPC+17, SCG10, XWC+08, ZLL14, ZQMM11]. Fair-share [KNHH18]. fairness [Ara13, SHC14, ZLCJ12]. False [HF96, KG04, LLWC17]. families [FSV17]. family [NS90, ZDC06]. farm [TBZB05]. farms [JTZZ11, MCP+18]. Fast [ABCF96, BC06, BV13, BF97, CK06, CXX+18, Cor93, DP00, DS04a, DPRWT85, EM89, FZC+05, FR96b, GM94b, Gil94, GSC96, GZ97, GJXZ05, HZA+15, HN91, IK94, JNW96, KK06, KSSG14, Lat98, LH09, PH01, PA04, PT97, RRH96, SS03, Sa98, SR94, SHT+95, SG08, SA08, SDG08, ST05, TPLY18, TF01, YZY96, YD08, YB01, ZLZ+19, AGMS16, BC05, BBBC12, BFKW13, BHK17, Cal06, Can18, Kep03, KA91, KP05, LLS07, PH16, ST85, TS91, WWW17a, WJ12, XLI18, Yan04, CVK+18a, 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 [GMVGRS16]. Fault [AE95, AM97a, AM95, ABBD14, BXA08, BSS97, BMM97, BW95b, BKMT14, BPA06, BHC95b, CLMR15, CRV94, CL93, CKN07, CY95, CC94, CDR09b, CF98, DBCF13, FY86, FM99b, GNS09, GRR93, HGCC96, HTHH02, JBA15, KP00, Lan94, LBT94, LFZ+17, LGG08, LC96, MD01, MMRS98, MPFG17b, Pak89, PB95, Phu01, PKD97, PM92, RLS96, SCC92, SS95, UR94, VR95, WIKC97, WW97, Wu94, XCS06, XHZZ16, mYyF92, YBOY97, mYA91, ZYO02, AA14, AA16, ANEA13, AOSM05, ARVZ14, BB87, BJ15, BDDL09, BPP05, CL91a, CW09, CWL+07, CDR09a, CMT92, CMS04, CAF+11, DTK11a, DH91b, EBE08, FLP07, FZ90, FABG+19, JBS14, KG10, LCC+05, LHL14, LH05, LGFM17, LAC18, 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, BHC95b, CRV94, CL93, CC94, FM99b, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, WIKC97, Wu94, YBOY97, ZYO02, ABBD14, BKMT14, BPA06,
CKN07, GNS09, JBA15, LFZ+17, XCS06, XHZZ16, sYA91, AA14, AA16, ANE13, AOSM05, CL91a, CMT92, CMS04, DTK11a, DH91b, FLPJ07, FABG+19, JBS14, KG10, PR06, PL06, TCH12, ZV09b, ZJ06]. Faults
[LT96, WFL98, CP17, ISM07, LLFJ18, PMHM19]. Faulty
[GP97, HIKM94, NSLK99, Pel95, RS96a, Tse95, TL96, Wan01a, Wu02, YTR94, oP900, Che05, DD96, PK04b, SKK91, YTH07]. FCFS [Ara13].

Floating-point [CNLGRL18, Gro85, MP08]. flock [BZH06]. Flocking [TWQS12]. Flooding [BCF14, XCH08]. Flow
[AS95, BJ91, ESMG96, JBA15, LLS93, LM96, MK92, BG90b, BAMM05, Boz09, CF88, CW12, Gao89, GE85, JTZZ11, KM17, LHF91, MG09, Oza04, TR89, TBZB05, TY90b]. flow-time [TBZB05]. flows [SM89b, VBDRC13].
flows [SM89b, VBDRC13]. Flowshop [CB11]. flowtime [LZ05]. fluid [AGMJ06, CVK18a]. fluids
[AGMJ06, CVK18a]. flute [CK06]. FluteDB [LLB18]. Flux [Ull84]. FM [LC97]. FMM [LPLFMC12]. focus [DSEP17]. focusing [FSP18]. fog
[JHL18, WML18, SZR18]. fog-based [WML18]. Folded
[Wan01a, Lai14, Lai17, SGR03]. folding [LYL08]. food [CXX18]. Folded
[CXX18]. Forall [ALS91]. forces [Num08, Num09]. Forecast
[RHH96]. forecasting [TLL18]. forest [BC06]. form [NCB17]. formal
[MBO11, PK05c, PSPR05]. Formalization [BFL13]. format [ZGG14]. Formation
[DU02, KSK15, YZS15]. Forms [TR96, WNA94]. Formulation [JBL02]. Forthcoming
[Ano00e, Ano00f, Ano00g, Ano00h, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t]. FORTRAN
[FC95, AH94, BCF94, HHKT96, HKT94, HLJ98, Sab94]. Forward
[Lla17, NS95, dOBG15]. Forwarding [AD10, GS01b, Ana14, HDCM11, KHK18, LWW18, STMZ18, WTB08, XYG07]. foundation [DHS06]. Foundations [BFL13]. Four
[FZ90]. Fourier
[CVK18a, LLCL98, DPRW85, HN91, TS91]. FP [WB94]. FPGA
[CNLGRL18, CS17, HBS17, IH17, MH18, NSKN17, Pet18, SA11, TYA16, TOR14, WLCZ15, WI18]. FPGA-based
[HBS17, IH17, NSKN17, WI18]. FPGAAs
[AD12, LdSB18, MC17, MSSE02, NMS18, WD18]. FR [GS01b]. Fractal
[ASKTZ13, LS06]. Fraction [GP97]. fractions [CR91]. fragment [CZZY09]. frame
[SCG10]. Frames [SCG10]. Framework
[AGG98, CLRW00, EMP96, GHSJ96, KZ96, KK95, LAZC00, Sin95, ZM94b, AAA15, AMU19, Amm16, AMI12a, AC16, AK96, B1K3, BA06, BCFF05, BMT12, BGM08, BJ18, CCA18, CCC04, CV16, CHX17, CMPS18, DV13, DMB03, FGM03, GRDB05, GM13, GFPC14, HSH10, HDT05, HRM17, HH18, KTP17, KKS12, KL05, KBC10, LV15, LS06, MCM11, MJ03, Men18, NLB18, PMAL11, PAG18, RBN11, RG03, RW02, ROB18, SAL0, SMH14, SGSS13, TZH06, TLW18, VS18, WTWZ16, WHH17, WX18, WMG13, YT05, YLB15, dAT17]. Frameworks
[KRS13, KRS14, DAB14, uRL18, UMM18, ZKF18]. Fraud [BST01]. Free
[BP02, CMS92, CG02, CH92, DP00, HPT02, HS93, KM97, Li92, PA97, PA01, RP98, SJ96, SH98, ZN01, AA14, AKBD10, ACH18, CB06, DFP06a, DAV17, FKKR16, HV99, HSY10, HAO6, JBS14, KH12, LASS15, LWW18, MYM10, MBMC19, MKM16, Pen11, SD91, SSD1+10, ST05, ST08b, TT07, VBDRC13, Zah12, dOBG15]. Free-Space
[KM97, RP98, SH98].
frequency [MYD+11, RTZ11]. Frequent
[AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
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[KHT+14]. FTN [Seb91].

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Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].

Frequent [AAP01, LT10, YZG18, BM11+19]. Frequently [LL95]. Friendly
[MSK+16]. Frog [KM17]. front [ORWT+18]. front-end [ORWT+18]. FSI
[KHT+14]. FTN [Seb91].
BCK$^+$13, FK89, Gao89, GNZ18, GMXA07, HPB$^+$10, HZZ$^+$19, LK13, LC92, Meg91, NAB$^+$11, ORWT$^+$18, RKK06, SB04, Trä09, Zsa16]. generator [Pet18, WSG91]. Generators [Ahu97, Bro96, PK89]. Genetic [PA01, AK07, GM13]. Genetic Algorithm [ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02, WLID02, AL04, ALM$^+$16, ANEA13, AB13, BCFF05, DK11, HSSM07, KM03, LA04, PKN10]. Genetic Algorithm-Based [WSRM97]. Generic [PA01, AK07, PK89]. Generics [Alu97, Bro96, PK89]. Generic Algorithm [ANT02, CGKK97, KRSZ02, KA97, OA10, PAJC97, WSRM97, WA02, WLID02, AL04, ALM$^+$16, ANEA13, AB13, BCFF05, DK11, HSSM07, KM03, LA04, PKN10]. Genetic Algorithm [PA01, AK07, GM13]. Genetic Algorithm-Based [WSRM97].
Grained [BR96, CDR99, CLZ00, DFR099, HK96, PY96, SR97a, SR97b, WD94, BM04b, CHLL18, FSD04, GVA, IKS87, IBP08, Man13, MPV12, ZCF+17].
Grammatical [RBB17].
Grand [SIY14, SAB+92].
Granularity [CDH84, WCL+13]. GRAP [FGL+11].
Graph [AyJ93, CCM01, CHGM01, GJP96, HJ90c, Kar95, KK98b, KC98, KA99, Lat95, MJ94, OSZ98, RW97, RWY93, RLS96, SAOKMA02, TVS97, TLW94, WCE97, ZW00, BKC+15, BDjQ86, BCK+13, BM08, CM03, CSJ+13, DeG88, DCA+15, GHC+17, HLM+90, KSSG14, LK15, MPZ09, MMS09, NXXTK17, PK07, PS14, RGAN18, Ros89, SSK+15, SW91, SGR03, SM+15, WCC02, WCH+17, YFBY17, ZCS+18, ZNQ93]. Graph-Based [CHGM01].
Graph-partitioning [GHC+17, SW91].
Graphene [KRM14].
Graphene-CMOS [KRM14].

graph-partitioning [GHC+17, SW91].
graphe [KRM14].
graphen-CMOS [KRM14].

Grasping [KR17].
Gray [BVB02, HHM94, HRJ94, JI94].

Gray to binary [HRJ94].
Great [KF90b].
Greater [Ebe94].

Greedy

[KS06, BGM+08, HDJ08, KH13, LLS07, STM18, Cho90, DOB+15].

Green [DAPR18, AG12, BFH+17, WCL+13].
Greex [BK13].

Grey [FGL+11].

Grid [AKP99, BR02, BAK+03, Hua17, MD13, SDG08, TF01, AHH17, CP10b, CEEB03, CGW+03, EI07, FGZ03, JDSJC+15, KRKS11, KV10, LBE03, LFH+03, LL12a, LLWC17, LB09, MC03, PF04, SMB10, SLZ10, TLQS12, VD04, WH17, ZV09b, dKG+10, AOS+05, ABCM07, BAS06, CS06a, CT08, CCN06, DBC03, DW12, ED05, GBA08, KTF03, KVH97, KK08, LCC+05, LSH+13, LLY08, Li05, LL07, LTIK05, LS10, LR05, MCT06, RAB08, SJ12, SV08, SAOKZ05a, SAOKZ05b, SXZ06, SM+06, SFE06, TYH09, TMM06, TD07, VPHM06, WS06, YT05, YWD08].

grid-aware [FGZ03].

Grid-Based

[BR02, CP10b, VD04, KK08, GBA08, LLY08].

Grid-computing

[BAK+03, SAOKZ05a, SAOKZ05b].

Grid-enabled [KTF03].

GridBench [TD07].
gridding [GOH+13].
gridding-accelerated [GOH+13].

Grids

[CCCM96, HKM198, HOS94, ACFK07, ARDQ18, BMT12, DHJ11, GVBB13, GRD05, GM14b, JV09, LKS14, LL10, Mit07, PHS04, SM+14, YZ15, AAD10, ABCM07, GTN+06, GA08, Ngo06, SNC12, TZ06, VB08, WW03,]
WLL08]. grooming [FMM+08, WG08, WCL+13]. Grøstl [ABO+17].
ground [BFKP04]. Group [CWZ+18, KKLJ14, LLW12, RGVB00, CJDC10,
CHC05, Dim91, EDH+17, LC14b, LHT08, dAMFds13, MM07c, TC13, XO05].
Group-based [CWZ+18, KKLJ14, TC13]. group-shared [LHT08].
Grouping [CWP98]. Groups [Oru87, WLD00, ARDQ18, CHC05, GCS06, LKM12, MS05, Ros89, WLZ+18].
Growing [CRFS94, WLR90, IZ12, MGG03, OGRV+12]. growth [WCKD06].
GSM [TM06]. GSPN [CCM92, CCM01, SM92b].
Guarantee [JM14, MZZC12]. guaranteed [HWWH08, LNA12, LNAL17, NGQM12, PY09a, WCWO17]. Guaranteeing [Sch91]. Guarantees [MS00, OY00, ESCV15]. Guessing [DKY01].
Guess [WW03, AP93, AL99, AB03b, Ano01j, Ano01k, Ano01l, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GC95, Her92, JW94, Kri92, Lin93b, MC93, NT90, OW01, PN97a, PN97b, Pan09, PA96, Sch90, SH92a, St090, TFV+15, BG90b, TY95, WC05].
Guidelines [Ano00d, Ros99].

h [CP04a]. HA03094L [Ano04e]. Hadoop [FRM15, GYY+14, HLW18, HWLR14, YLB+15]. Half [RS94]. Half-Duplex [RS94]. Hamiltonian
[DP98, Hsi04, HBAD15, LSC00, LLFJ18, Nik04, Wan01a, WCC02, YTH07].
Hardware [BK18, DGNW13, GS00, MD01, MCAS12, RPS013, SCC+06, SHA17, TF92, The02, TH08, VH03, Zsa16, ABC+09a, AF06, ABO+17, BDM18, BJS03, CV16, CCG16, CP17, CM12, FWM+10, GKS15, GVA+08, HDJ08, Hus17, JJ12, KDO+13, KC17, LMSK18, MTM10, Nik03, NAK04, PVG09, PAG+18, QGZ17, SV18]. Hardware-accelerated [DGNW13, Zsa16].
Hardware-Efficient [MD01]. hardware-generated [MTM10]. Hardware-Only [GS00]. hardware-software [CV16].

Harmony [ES12]. HARNESS [MSS00]. Harnessing [MTL+18b, VPHML06]. HARP [SSB98]. harvest [WS06]. harvesting [RB12]. Hash [LACJ18, SX08, TT10, ABO+17, HKW05, SRT+18, TC04].
Heterogeneity-driven [XLL15]. **Heterogeneous**

[ANT02, Ano97k, BSS97, BPR99, BSB+01, CP97, CA94, CEF+95, DAYA02, DBP94, EKNS17, HS94b, HC97, KL01a, KRMI14, LAS+97, LHBB+01, MAS+99, MSd+95, MP96, NRS95, NDZA99, PP92, SC91b, WR97, WSRM97, WMC+18, Won99, YSZ96, ALM+16, AAD10, Amn16, ALF03, BKC+15, BD05, BCF05, BR08, BRP03, BKCM17, BEN12, BH05, BSMH08, BSS+13, CSW08, CCK+08, CCK11, CDR09b, CGW+03, CJ17, DK08, DK11, DÖ06, FMR05, GQZ18, GRV08, GNT04, GZ14a, GWL94, GMX07, GAOHG17, Hus17, JST12, KH17, KUA07, KyLPC17, KSG13, KSS+07, KAS07, KN18a, KN18b, KMS+06, LK13, LWC+18, LHHB01, KL01a, LHHB01, MAS+99, Msd+95, MP96, NRS95, NDza99, PP92, Sc91b, WR97, WSRM97, WMC+18, Won99, YZS96, ALM+16, AAD10, Amn16, ALF03, BKC+15, BD05, BCF05, BR08, BRP03, BKCM17, BEN12, BH05, BSMH08, BSS+13, CSW08, CCK+08, CCK11, CDR09b, CGW+03, CJ17, DK08, DK11, DÖ06, FMR05, GQZ18, GRV08, GNT04, GZ14a, GWL94, GMX07, GAOHG17, Hus17, JST12, KH17, KUA07, KyLPC17, KSG13, KSS+07, KAS07, KN18a, KN18b, KMS+06, LK13, LWC+18, LR06, LLL06, LLKY13, LLCZ19, LPX05b, LV15, LFGM17, LLS07, LXZ13, MGSG12, MV05, MTS90, NDF93, NFHL13, ND12, NP09, OPR18, OP+18, PKN08, PKN10, PP13, PSB+19, PTA08, Pla08]. **heterogeneous**

Heuristic [BA92, DDD98, EHMN95, KLZ97, XH93, DK11, HS06, KJD03, KKS+12, PKN08, PKN10, PM05, SWP90, VB08, YFB17]. heuristics-based [KA08]. HEVC [Lla17]. **hexagonal** [GSS+03]. HHN [YP96]. **HiCOO** [YQT12]. hidden [HB11]. Hiding [HF02, WL92]. Hierarchical [AGF94, Buc92, BM95, CAB92, FR96a, HR92b, HR92a, yHY97, KZ96, LLJ00a, MS00, MD13, OM90, SHT+95, TM06, TJ92, Tun84, TW89, TTH12, VSIR91, WHT00, VQT12, YP96, AAI7, AGMS04, BJ18, BMT12, BS06, CK004, DE91, DR19, DM04, EDH+17, GHY10, IZ12, LK13, LTL06, RH05, RR05, SS05, TLQ12, WCOW17, WLL08, ZZ90, dSS11]. Hierarchical-Memory [VSIR91]. Hierarchies [VN93, BW89, DTK11b]. hierarchy [Ale19, Pad91, WYT13]. High [ABDS02, BJ99, BBH+97, BYG+18, BNS99, CLA+18, CY99, CD98, DS02, DYL+12, DB18, FGKT97, FC14, FM99b, GP93, HES10, JSCB95, JLR97, KMKD97, KS95, KRS13, KRS14, KRS01, LC97, LS01, MR94b, MBG+17, Nee17, NKC+97, NTC03, PF08, PVB09, PBB+17, SWH17, TF92, TM06, TPJ+19, VFAD17, XMD17, AM13, ARI17, AB03b, AGW11, BSW07, BAT+19, BDDL09, CAC+04, CBP02, CVK+18b, CTCX08, Cuz11, Cuz13, DK08, DB08, DKK18, DF12, DAB+14, DMS+16, FHL+15, FGPO5, Fu10, GOH+13, GNT+06, GMSS+11, HOE+09, HRG+11, HCZ04, HT90, HVW16, ICQO+12, JBY+05, KVNV17, KSB11, KME09, LWC+18, LMSK18, LWR+03, LSXX14, LJ+19, LB18, LAC18, LB07, LZZL06, MSG+13, MZC18, MG09, MLK12, Nap90, No12, NRM+09, PK07, PGKV18, SPRG+12, SD91, SC04, SAB+92, SA11, SR91, SGdSS13, VAS+13]. high
High-Availability [LS01, Fu10]. High-dimensional [HT90, PK07, WRW13]. High-end [FGP05].

High-Level [BBH+97, KRS13, KRS14, BYG+18, CCC+04, DMS+16, SGdSS13].

High-order [KME09].

High-Performance [BNSP99, CY99, FGKT97, JLRA97, KMKD97, KRS13, KRS14, PBB+17, TPJ+19, NTC03, AB03b, CBP02, Cuz11, Cuz13, DF12, FHL+15, GMSS+11, HRG+11, HZC04, ICQO+12, JBY+05, LWR+03, LSXX14, LJZ+19, LB18, LVB07, MSGS+13, NRM+09, PGKV18, SD91, SC04, ZW13, ZWQ+16].

High-Priority [TF92].

High-radix [MG09, VAS+13]. High-resolution [GOH+13].

High-Speed [BBH+97, SR91].

High-Temperature [SWHB17].

High-Throughput [FM99b, CLA+18, BSW07, HVW16]. Higher [GSSS03, HS17, AM06].


HLR [FCF00]. HLS [MH18]. HLS-based [MH18]. HMFS [LHZ+18].

HMIPv6 [CKML12]. HMVFS [ZH+18]. Hoang [An092c]. Hoc [An001e, BDF01, GS01b, LAT00, Pat01, RBP+11, TM10, AP03, AH11, AH12, ALFO3, BFG+03, BM11, BGLA03, BOP06, BN03, Bon03, CNS03, CW05, CYZ06, CDC05, DW06, DMB+03, DB08, EBE08, FCW11, FVCL05, FGL+11, GAGPK03, GS03b, GMS06, GMX07, HW03, HJ07, JLWX11, KK06, Kim11, KSK15, KNS06, LR03a, LPX05a, LW06a, LHW14, LC14b, LR03b, LHT08, NNM+14, OSL05, OM10, OMSGNS05, SNC12, SSM+06, SGS08, SKMM04, SJ511, TC13, VA03, WT+08, WGS08, WBTM09, WSH+18, XHG03, XWC+08, XG03, YC04, YSS11, YWW12, ZMC06]. HOG [RBG17]. hole [LZC11, PSC+16, SGAC14, YDZ+18, dOBG+15]. holistic [WL10, ZH15].

Home [HRM17]. Homogeneous [LS97, BM17a, CRJ10a, GHS86, OOSG+16, SCJ+08]. homology [DKKV15]. homonymous [AAI+15]. honeycomb [BPRS04]. honeyfarm [JXW06].

Honeycomb [KMMZ06]. hop [BSW07, FCW11, FCZ+12, JLWX11, JM14, KHK18, MAM05, MPV12, NCO09, RFS+12, RB12, YMG01, ZMG+16, CSW+17]. Horizons [BP95]. host [LLWC17]. host-based [LLWC17]. hosting [SSVC10]. hostload [DKC14]. Hot [LK94, NS95, TY90a, GPSH19]. Hot-N-Cold [GPSH19]. hot-spot [TY90a]. hotspots [MLG05]. Hough [BA05, CP91, Fer93, GZ97, JS94, SSL04]. Householder [BDG+15]. HPC [APV18, CVK+18b, ECLV12, GYAB11, NKSA17, NC13, PCLP16, uRIL+18, RBA+18, RMHR17, RIE+18, SCB09, WMES12, YFS+15]. HPF [BCF+94, CA96, HLJ01, KHS96, SS00]. Hull [DFRCU99]. hulls [GS03a]. human [CWZ+18, WDS+18]. hunt [MP15]. Hut [SHT+95]. HW [RBG17]. HW/SW [RBG17]. Hybrid [BJ18, DBA+18, Dah99, DR18, FA07, Gao93, LWCG14, NMB93, OS93,
PA15, VD18, YS11, ZLH$^+$18, ALM$^+$16, AC89, BAMM05, CCQ$^+$06, CB15, CJ17, DK11, FX06, GLC14, HZL18, JAB12, KS18, KSB17, LY13, LHZ$^+$18, MBS$^+$12, MMK$^+$11, No12, PARB14, SCS$^+$08, SHLN09, SSL04, SA08, TY17, WLL16, WHW$^+$17, YLL17, ZFT$^+$18, MMCL$^+$17]. **Hydrodynamic** [HC97].

**Hydrodynamics** [PAH$^+$98, VBDRC13]. Hyperbolic [SSK96, SHRM19].

**Hypercube** [AGF94, AM93, BKT95, BC94, CS93c, DP98, DMSH90, DRC90, DFN$^+$94, FM96, FDP93, GG93, GT97, GBG93, HGCC96, IK93, IK94, JR92, JB98, KB96b, KM91, Lan94, LH92, LLJ00b, LEB98, Man94, MP93, MW95, MY95, NLSK99, NT93, Nas94, OM90, RS94, RaJ96, SYO94, SCC92, SY01, Sto90, TLW94, TL96, TC92, WIKC97, Wag93, Wag94, XMN92, YP96, Zia92, Cap87, CCS06, CS10, DE91, Efa91, EAL90, ERS90, Joh87, KAP90, LEN90, LSS89, LS91, MVM04, MAR87, RS90a, RS90b, RIZ90, SW90, TMK$^+$17, TS91, Wag89, Yan04, ZLRP91, YN92]. **Hypercube-Based** [Zia92, DE91].

**Hypercube-Connected** [LH92].

**Hypercubes** [AD95, AERBL92, Ann94, CL93, CCCM96, CS95a, CCR94, Ef96, Fag92, FM96, Fra92, GP00, GH93, HM01, HOS94, Kav93, KF95b, L92, LBT94, LW95, LT96, Moh97, OD95a, OP96, Pel95, PM92, RS96a, RJMC95, SHL95, SR95, TT98, WW97, Wan01a, Wu94, WFL98, YTR94, BG90a, BM04a, BO91, BL99, CL91a, CL91b, Che05, Ede91, FT04, GT04, GNW03, HNSA07, Ho91, HRJ94, LW90, Lai14, Lai17, SS89, Var91, WIB12, Wu85, Wu03, XCS06].

**Hypergraph** [DKUC¸15, ACU08, CBD$^+$09, DHK04, KJD03, TK08].

**Hypergraphs** [STA12].

**Hypermeshes** [OK01, Szy95].

**Hyperoctrees** [DFN$^+$94].

**Hyperplane** [HS93].

**Hyperreconfigurable** [LM05].

**Hyperspectral** [PVPM06, Pia08].

**Hypersphere** [AM93].

**Hyperspherical** [RLP14].

**Hyperstar** [AAD98].

**Hypertree** [LTD$^+$93].

I-Caching [MM93]. I/O [AW95, CkLCK04, CkLCK05, Cho93, CQ95, CD95, D93, DT01, DLW$^+$12, DJT03, EH01a, GGD93, GPC14, HZZ$^+$19, JSCB95, JSBW92, LTH97, MLG05, NSS99, NsPPC02, No12, WHW$^+$17, WLWW09].

**I/O-Intensive** [EH01a, CkLCK04, CkLCK05, HZZ$^+$19].

**IaaS** [CMR10].

**IC** [CMR10].

**IC-scheduling** [CMR10].

**IceCube** [AAA$^+$15].

**IceProd** [AAA$^+$15].

**ICS** [HMY$^+$18].

**ICT** [CTS17].

**IC** [HCAA93].

**IDOS** [BA01a].

**IEEE**

**I/O-Intensive** [EH01a, CkLCK04, CkLCK05, HZZ$^+$19].

**IceProd** [AAA$^+$15].

**Identification** [CS95b, EBE08, FCC07, GSASA19, MMN$^+$18, ZAAB17].

**Identification** [CS95b].

**Identifying** [HS03, LT10].

**Idle** [CW93, CM92].

**idling** [CFI$^+$18].

**IEEE**

**Image** [B106, BM95, EL94, HSJP87, HC95, KSL95, K99b, LW97, MWL90, MG98, NEG85, OS98, RS90a, RG87, SR94, SD88b, WS95, ZM94a, CD94, CCN06, GSWW04, HBLM, IK93, Kep03, KM03, Lee91, LMSK18, LLS$^+$16, MG03, P90, Pfe90, Sto87, SA90, UAPM07, Wan07, WRHR91, WJD91, WGCZ09, dAT17, FC14].

**Image-Processing**
[KSL85, SD88b]. **Image-to-Mesh** [FC14]. imagery [PVPM06, Pla08].
Images [SYO94, Ara90, CL85, DH91a, NAK04]. imaging [KDO+13].
**Immediate** [Ksh12]. immersive [MBH+08]. immune [HD10]. **Impact**
[BC92, Kel00, Tze91, YAA10, GSWW04, HHS12, HRF+11, MLG05,
RBP+11, SFT+13, SYYU07, WCF14]. **Impacts** [PCX+11, PCX+14].
**IMPATIENT** [GOH+13]. **Implementation** [ABGV11, AS95, BAHP01,
BHS+94, CP91, CP92, CS95c, DM90a, DBKF90, EP90, HS97, HBB93, KM91,
MSS00, NT93, NsPPC02, OS98, OP98, PAJC97, RL02, RW01, SDS10, Shu95,
SM00, Ski96, SE15, SOG94, TVO92, VBM90, XMN92, YB01, ADV14,
BFTV87, BG89, CEGS07, CP10b, CWP12, CPO+03, FGG08, GKS15, Gro85,
HES11, HVW6, JK89, JM15, KHT+14, KTF03, KA91, KP05, ML89,
MCAS12, MP10, MML07, MRT18, OO05, OGRV+12, PLD87, SM08b, SA11,
Sol13, SMKL93, TR89, Tay87, TdAR18, WXC+08, YÖ11, dAMCFN12].
**Implementations** [DT01, KLS4, SAC+98, WPKK94, BCM06, BRPR06,
GNS09, ICQO+12, Tät11, TYA16, YBM13]. **Implementing**
[BC94, Coh90, DRC90, GSC96, HK08, MT95, DM90b, OB88, TR16, YFBY17].
**Implications** [AH94, BS96a, GTN+06, HK+18, MT96, MG93, SH92b, TSA97].
Implicit [BAM93, Fre96, HWL18]. Implicitly [SAC+98]. importance [MLMSM12].
imposed [BKS91]. impossibility [AP16]. Improve
[CB02, DS95a, SKH96, CDR90, OS98, PAJC97, RL02, RW01, SDS10, Shu95,
SM00, Ski96, SE15, SOG94, TVO92, VBM90, XMN92, YB01, ADV14,
BFTV87, BG89, CEGS07, CP10b, CWP12, CPO+03, FGG08, GKS15, Gro85,
HES11, HVW6, JK89, JM15, KHT+14, KTF03, KA91, KP05, ML89,
MCAS12, MP10, MML07, MRT18, OO05, OGRV+12, PLD87, SM08b, SA11,
Sol13, SMKL93, TR89, Tay87, TdAR18, WXC+08, YÖ11, dAMCFN12].
**Improvements** [GC0+08, WSS93, DS94]. Improving
[AM97a, AS91, CLZ02, Che05, CP10b, DL98, FT04, GP96, HSH10, JR95,
KLC05, Mii99, PB95, TC13, Tsu07, Wor93, Ara13, Bad04, GMVRGS16,
TDC05, dAMCFN12]. **Improvement** [yCM98, IAS92, CZZ+17].
**Improvements** [GCB+00, WSS93, DPD08]. Improving
[AM97a, AHG12, CLG+16, CRWX12, CKWT17, CAF+11, Dah99, DK04,
GT02, GYY+14, GP05, GM00, HK15, Kan05, KZ11, LTL06, MBR08,
SLKK12, WTB+08, AA10, CKS88, LBT19, SAL10, SK11, YF09, MMCL+17].
**IMSuite** [GN15]. In-Memory
[SLL18, LB+18, LZH+18, VETT18, ZKF18]. in-network [BCO+12, JF12].
in-order [KMF*05]. incentive [CG12, YAA10, ZCMY12]. incentive-based
[CG12, YAA10]. inclusion [Kak15, RFPA08, dMS18]. Incomplete
[OD95a, PK04a, SCD99, TC92, CAS18, GLW14]. Incompletely [BSG90].
inconsistency [Ram89, TK07]. Incorporating
[AIS97, VWHL96, WTY+18]. increasing [RS08]. Incremental
[ESCV15, ZN01, LY08, LRS18]. incrementally [SSB91, YC12].
independence [GK10]. Independent
[BSB+01, Ger98, Hag97, MAS+99, NMS93, PS93, WFZJ12, AFD+11, AK06,
AY09, CL91b, CFJW13, EB13, HAC17, Li06a, LH09, LB09, LLS07, PDB13,
SSM+16, SBÇ12b, 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,
indexes [OC07]. indexing [FKJG08, GZ08, WIR+18]. Indian [Nee17]. indirect [Ho91, HBF12]. Induction [WIKC97, LM09]. Induced [BF01]. indulgent [WCYR08]. Industrial [MS99a, HMY+18, KKTZ13]. Inexact [Pla13]. Inexpensive [MT93b]. Inference [AyJ93, FBRW03, PTZ06, SHK19, XP10, YWAT13]. inferencing [MK08b]. InfiniBand [ARP18, ASD09, ESGQ+14, ESGQ+18, GRJ+15, PK05b]. InfiniBand-based [ESGQ+14, ESGQ+18]. influence [MCS14]. Influential [TAS+01]. Info [NTN12]. Info-based [NTN12]. Information [Bal90, BS96a, CY99, LA93, Oza04, AHZ11, AH11, Ana14, CKN07, DB86, JLWX11, KTP17, LY91, LSWC14, MP15, Plia08, Psa96, Raj08, RFPAG08, SHK19, SSS07, SFT04, TKG+17, XCS06, XQ04, YDZ+18, ZFS07]. Informed [LM09]. infostations [BPRG04]. Infrastructure [GC01, AFA13, HPB+10, JAB12, KKKP12, LCM+06, MBS+12, SW12, SWHB17, ZCMY12]. infrastructures [Ano04d, BJPPM+08, FPFP14, NAB+11, TD07, YK04]. Inherent [LM09]. injected [GK15]. injection [CP17, LLWC17]. Injured [Wu94, Wu03]. inner [Lis90, ST85]. input [LY08, NAK04, PMV05]. Insensitive [ST02, ST06]. insertion [SS17]. INSIGNIA [LAZC00]. inspired [CMMN10, GVBB13, HD10]. Instance [SM94]. instances [PDB13, ZG13]. Instantly [TOR+14]. institute [Nee17]. Instruction [AGG98, LPU97, Gro85, PYP+10, Sch89b]. instruction-systolic [PYP+10]. Instructions [dSR00, Sol13]. Instrumentation [GP91]. instruments [CKK+13]. Integer [DL98, Fag92, SS96, KKVI05, VM95]. InteGrade [dKG+10]. Integral [Ten90]. Integrated [BDHF90, DAYA02, OY00, PW96, WAE03, YSL08, ZR00, ZMC06, HC09, LMXJ18, SKMM04, WCL+13, XYDL06, XHY07, YWG15]. Integrating [Bir94, DT11, DRST02, FKT96, Luh01, OK02, PY96, KKKP12, YT05]. Integration [ISZBM99, KL84, LY01, YJKD10, Ano04d, HMV07, Kumi17, YK04, ZMZJ17]. integrity [BCO+12, LZZL06]. Intel [CHLL18, FPD93, LGT14, SMKL93, Zha11]. Intelligence [MT85, KAA+19, LdPLC+19, ZGJ+18]. intelligence-based [ZGJ+18]. Intelligent [IAS+92, KSP+92, SH98, ZL93, CDJ+89, KBC19, KDS81, PLSM18, She09, WJD91, YWX+18]. Intel [KVN17]. Intended [CTC11]. Intensive [ABM+92, BS09, BS11, CA95a, EH01a, SW90, CkLC04, CkLC05, DF17, HZZ+19, HWLR14, KAS07, MLK+16, RBN11, Ren11, SC04, VB08, WZZ+17, WG11, ZMCP11]. Inter
[KCSS18, FKL08, GZG+17, Kan05]. inter-core [GZG+17]. inter-node [FKL08]. inter-procedural [Kan05]. Inter-Thread [KCSS18].

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

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

[HP97a, WLY01, AHA+16, MG09, UM17]. Interconnected [DH95, EH01b, Guo94, KM97, QMCL94, GMH+91, McA89, SGAC14, TRSS06].

Interconnection [AAD98, AA95, BETD94, CW01, CJA09, D2V96, FD86, KRSZ92, Kam94, Lat95, LYL93, MLW+97, MSH90, MC93, MJ94, OM84, O085, Pad93, PL93, SW96, SZB92, Szy95, TH02, Tze91, VB96, Wan96, Wan01b, Wil92, YWP00, ZMPE00, YW00, dBL95, AR17, BM14, BDjQ86, BHR91, BR91a, Bhu87, BJ15, BR91b, CM04, CKO04, CS06b, DE91, FJC04, GJ12, Har91, JMB91, KMC16, KRL87, LX90, LLKY13, 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

[An016l, REZN17, CTC11]. Interest-Intended [CTC11]. Interface [BAHP01, BF97, BDH+97, CD98, IWM97, PS01, RS92c, JM15, NSDZ18, KTF03]. interfaces [NGQM12]. interference

[BPRS04, GZG+17, KDH08]. interference-aware [KDH08]. interleaved [NC09]. interlock [CCK88]. intermediate [YYLC11].

Intermittent [DT02]. Internal [Ba90, JZK04]. International [OY13, Ros07, Sn03, Wee01].

Internet [Bar05, BJ18, CXQ+18, CMPS18, DAPR18, ECP+18, HMY+18, KA08, MZSL12, MZC12, PJ18, She09, TB90, WHC+18, WLID02, WCCH18, X005, YWJ+18]. Internet-based [She09, X005]. interoperability [AZW13]. Interplay [ZXGD18].

Interpolation [CWW+95, Goe94, SAOKMA02, Nic97, PHS04, Sch89b, SDG08].

Interpretation [FAG95]. 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, BLZ+18]. Introduction [AP93, AL99, AB03b, Ano01j, Ano01k, Ano01i, Ano02g, Ano02h, Ano02i, BD00, Cas93, Che92, Cho93, DOP98, ES97, GGB93, GS06, GC95, Her92, JW94, Kri92, KRS14, Lin93b, LK11, LR05, MC93, MG5+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, LLLY08, WML+18]. invalidation [OFS03]. invention [MC03]. inventory [GAOHG17]. Inverse [CTZ99, Lla17]. Inversion
SW96, mYyF92. inverted [WJ12]. Investigating [LCB16]. investigation [CD95, GKS15, PHW13]. Investigations [Sch13]. Invited [Ano01m].
invocation [BBB+06]. invocations [BVG14]. IoT
[Al19, DBW18, GRZ18, HRH18, LWWQ18, MA19, PH18, SCW18, TODQ18, VS18, YXW18, ZGJ18, ZXR18]. IoT-based
[YXW18, ZGJ18]. IoTDeM [LWWQ18]. IOV [DYL12, GRJ15].
IoT [Ale19, DBW18, GRZ18, HRH18, LWWQ18, MA19, PH18, SCW18, TODQ18, VS18, YXW18, ZGJ18, ZXR18].
IoT-based [YXW18, ZGJ18]. IoTDeM [LWWQ18]. IOV [DYL12, GRJ15].
IoT [Ale19, DBW18, GRZ18, HRH18, LWWQ18, MA19, PH18, SCW18, TODQ18, VS18, YXW18, ZGJ18, ZXR18].
IoT-based [YXW18, ZGJ18]. IoTDeM [LWWQ18]. IOV [DYL12, GRJ15].
IoT [Ale19, DBW18, GRZ18, HRH18, LWWQ18, MA19, PH18, SCW18, TODQ18, VS18, YXW18, ZGJ18, ZXR18].
IoT-based [YXW18, ZGJ18]. IoTDeM [LWWQ18]. IOV [DYL12, GRJ15].
IoT [Ale19, DBW18, GRZ18, HRH18, LWWQ18, MA19, PH18, SCW18, TODQ18, VS18, YXW18, ZGJ18, ZXR18].
IoT-based [YXW18, ZGJ18]. IoTDeM [LWWQ18]. IOV [DYL12, GRJ15].
KSSL16, KSJC17, KBC$^+$10, LGZ$^+$10, LYL08, LZY11, Lon04, Luc18, LWCG14, MYM10, MBMC19, MVP17, NAB$^+$11, PP13, PDB13, PK07, PLK$^+$18, RW02, SS17, SMT15, VM03, WCWO17, XHY07, YH07, YÖ11, ZV09a, ZVL11.

Large-eddy [SM04].

Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, AFG$^+$19, WBRT13, BMB$^+$08, BMF05, CC16, CLOL17, DB11, DBCF13, DLW$^+$12, KESA07, KSSL16, KBC$^+$10, LGZ$^+$10, LYL08, LZY11, Luc18, LWCG14, MBMC19, VM03, WCWO17, XHY07, ZV09a, ZVL11].

large-size [CVJ09].

large/irregular [AM13].

Larger [Mah95].

largest [Deh90].

LARPBS [dR09].

Last [Tay02, DMI$^+$19, FABG$^+$19, RFPAG08, SS17].

last-level [CVJ09].

Large/irregular [AM13].

Larger [Mah95].

largest [Deh90].

LARPBS [dR09].

Last [Tay02, DMI$^+$19, FABG$^+$19, RFPAG08, SS17].

large-size [CVJ09].

Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, AFG$^+$19, WBRT13, BMB$^+$08, BMF05, CC16, CLOL17, DB11, DBCF13, DLW$^+$12, KESA07, KSSL16, KBC$^+$10, LGZ$^+$10, LYL08, LZY11, Luc18, LWCG14, MBMC19, VM03, WCWO17, XHY07, ZV09a, ZVL11].

Large-Scale [ABDS02, BMCP98, LK98, OK01, VN93, AFG$^+$19, WBRT13, BMB$^+$08, BMF05, CC16, CLOL17, DB11, DBCF13, DLW$^+$12, KESA07, KSSL16, KBC$^+$10, LGZ$^+$10, LYL08, LZY11, Luc18, LWCG14, MBMC19, VM03, WCWO17, XHY07, ZV09a, ZVL11].
Limited
[CHJ97, LP96a, LK98, BKS05, DW04, SSGG18, VS16, WT08, Zsa16].
lifetimes [HS00, MSF13, CL09, KP17, Kim17, MP10].
lift [IIH16].
lifting [IIH16].
Light
[RGVB00, Koc91, PR12, Wan06, WZZ+17, ZFT+18].
light-trails [PR12].
Light-Weight
[RGVB00, Wan06, WZZ+17, ZFT+18].
Lightweight
[H06, MSF+13, CL09, KP17, Kim17, MP10].
like
[CP10a, CTC11, FR96b, GL90].
Limit
[MO97].
Limitations
[BKS91, LS97].
Limited
[yHY97, LP96a, LK98, BKS05, DW04, SSGG18, VS16, WT08, Zsa16].
limitations [DW04, dSS11].
Line
[BDKM94, BMMS01, DGBN14, LTY96, RR95b, Yen01, BS92, DMCFCM03, DJ98, EL88, GH89b, GC07, KM88, LHK03, SL90, ESGQ+11].
line-sweep
[DMCFCM03].
Linear
[Bah00, BBM+02, BMM97, BCZ95, CDH84, CCC92, DVW94, IPK85, IK94, KL01a, KF95b, LP97, PM06, Pov99, RFM94, RS92b, ST98, TBPV00, ZC92, dR09, BG+03, BAH04, BPP05, Car90, CM03, CEGS07, CP10b, DS04a, Dja06, FHL+15, GPT06a, GRV08, Gao86, GS91b, HR89, ICQO+12, Joli87, KKVI+95, KT89, LMXJ18, LWXX19, LKD14, MP88, MP87, MV05, MRT18, NCTT95, TFMS15, Ter16, XYZW14, Y011].
linearizability
[KKW17].
Linearization
[FZVT02].
Linearly
[BBd90, PB90].
Lines
[BDKM94, DJDK19, Wri91].
Link
[GDP08, MLW+97, SJS11, VR94, VR95, WFL98, FCZ+12, LST17, MCAS12, MVP17, RH05, SW90, WTS03].
link-bound
[SW90].
link-selection
[RH05].
linkage
[CPO+03].
linked
[Han89, HA05, ST08b].
Links
[AAJS01, KJ94, RS94, WW97, Wan01a, AGMS16, KPR88, SHK19].
Linpack
[Num07, Num08].
LinuX
[LACJ18, BP01, LAC18].
Liquid
[SWHB17].
List
[BBH98, SP96, SGS99, TLLL10, FPF14, Han89, LPX05b, Vis87, WLL16].
Lists
[BP02, VSIR91, ST08b].
live
[GRJ+15, WMES12].
Load
[Ano97l, BEE00, BM08, CS93a, CRL04, CLZ00, DHB02, DMB97, DLLX97, DS94, Ef96, EE05, FMP98, FLS+97, FM99b, GKB98, GI94, GM96, HS97, HLL95, HTL99, HO94, HC97, JR92, JW89, KGV94, LG94, LH95, LT94, LL98, MDD07, MP96, NLSK99, NEF97, OB98, PB99, QY94, SB12a, SH92a, SHT+95, SB97, SBAM96, TSHH01, TT98, Wan96, WS97b, XYKA08, XL92, XH93, XL95, ZLP97, ZXP09, ZM94b, vS91, AES11, AGMS04, ACCP12, ASES15, BCV05, BFH90, BFM+18, BRPR06, BD04, CSWD03, CBD+09, CVJ09, Cho90, CRC+02, Cyb89, DB11, DLW+12, DW04, DM94, GRV08, GLC14, GC05, HJ90a, HLM+90, IC05, IS06, JL05, JL11, KNHH18, KKS08, KC04, LT02, LTL06, LLL06, LHKL03, LY91, MLDG12, MPV12, MV05, MTS09, Mit07, MGG03, NHO+13, NIK03, PC11, PA04, PR0+19, RN04, SU87, SB15].
load
[SBX08, TBZB05, TKHG04, TLL+18, TVT+17, YJL16, YAA10, YMLP14, ZV06, ZSW14, ZLMC14, dG91].
load-adaptive
[TKHG04].
Load-Balanced
[LT94, NEF97, XYKA08, YMLP14].
Load-Balancing
[DHB02, FM99b, HO94, HC97, Wan96, SB12a, ZXP09, NHO+13, YJL16].
load-sharing
[SU87].
Loads
local-spin [AK07]. localities [GJXZ05]. Locality [BS96a, CL96, FJG06, GXYZ13, JL11, KCRB99, KRC00, 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 [JL11, SRT+18]. Localization [DFP06b, AKBD10, CCW14, CRWX12, DLLL11, LDS16, MKM16, WDS+18]. localized [Cal06, KNS06, LS03]. locally [AMK+07, LFZ+17, XHZZ16]. locate [DWX10]. located [SBC¸12a]. Location [KER01, Li17, LS03, LAGK07, MMRS98, SCM99, SHT+95, EHL+15, FPP06, Kan05, KR06, LK13, Ozt11, SZD07, SKK14, SRT+18, WLL08, XCZL03, ZWQ+16]. location-aided [ZMC06]. Location-based [LS03, ABF+14]. Location-centric [XCLR07]. location-free [dOBG+15]. Lock [DR98, SSdIB+10, ST08b, CB06, Dim91, HSY10, HA06, ST05, XO05]. Lock-free [SSdIB+10, ST08b, CB06, HSY10, HA06, ST05]. Locking [MS98, XO05, DM04, LXLZ11]. lockless [HMBW07]. Locks [JNW96, AFA13, CG10, UBES10] Lockup [SD91]. Lockup-free [SD91]. Lo`eve [FSD04]. Log [NTA96, ZFT+18]. log-based [ZFT+18]. Logarithmic [Nas94, OOW95, AF17]. Logarithmic-Time [Nas94]. logging [CZZY09, DWG03, JLM12, Lin93a, KVNV17, MBR08, TDC05]. LogGP [AISS97]. Logic [AyJ93, CCG11, CBlCD00, Mon94, NKV14, Tan84, DeG88, FPM+14, MLZY17, MV88, MC91, NAK04, SK90, WS99, XYZW14]. logic-oriented [SK90]. Logical [AK93, YMG01, TPLY18]. LogP [AISS97, BHPP05, RGD03]. Long [AISS97, GO95, LMK12, Lin93a, KVN17, MBR08, TDC05]. long-distance [MBR08]. long-range [TDC05]. Long-term [LMK12]. Longest [MS99b, PK04b]. Look [PL93, SHL+13, TG04, HZL18]. Look-Ahead [PL93, SHL+13, TG04]. Look-Up [HZL18]. Lookup [NIR86, SF05]. Looking [LK14]. lookup [JP09]. Loop [AMB95, BCH95a, BCZ95, CG02, DR95, DS95b, Nie88, OK02, PB99, QGL+09, AL04, KS03, MP08, NCT+07, QSL+08]. loop-carried [NCT+07]. Loop-Free [CG02]. Looping [Ano92a, KME92]. Loops [CCC90, CW96, DR996, HS93, KK95, KBB92, SCMB90, SG99, Xue97, CC87, SGE91]. Loosely [SKR93, AjiHeC90, BMF05]. losses [HZA+15]. lossless [CW15, PY09b]. lossy [GYP13]. lost [LdB+18]. Low [AZ01, Ano92c, AEY12, CM12, Dav17, IKS07, JH92a, JNW96, JLRA97, KS00, MC17, MHC95, SD00, ABO+17, CBP02, CL09, FABG+19, GE85, GJXZ05, HZL18, KS03, KK11, KHK18, MGRRK14, NVK14, Pfe90, RM11, SZ09, So13, SLWW05, YGZ+10]. low-area [ABO+17]. low-complexity [So13]. Low-contention [AEY12]. Low-Cost
[AZ01, AN02a, JH92a, JLRA97, CL09, GIX05, YGZ+10]. **Low-Density** [MC17]. **Low-Latency** [KS03]. **Low-Level** [MHC95, IKS87, Pfe90]. **Low-Memory** [CBP02]. **Low-Overhead** [SD00, SZ09]. **Low-Power** [KK11, MGRK14]. **Low-Rate** [KHK18]. **Low-Resolution** [GE85]. **Lower** [BMRC98, JR95, LPS+98, TC96, WW97, FT04, ITT04, Li19, NDP13]. **Lower-Dimensional** [TC96]. **Lowest** [MAKWZ13]. **LPAR** [BK95]. **LQR** [ZMZJ17]. **LR** [CB96]. **LTI** [AD12]. **LUT** [HZL18, WD18]. **LUT-Based** [WD18]. **LXCloud** [LACJ18]. **LXCloud-CR** [LACJ18]. **LXCloudFT** [LAC18]. **Lyapunov** [MV94, QOvdG01].

**M** [Ano92a, GA18, FC95, LZSL06, ZBF05]. **M-TREE** [LZSL06]. **M-VIA** [ZBF05]. **M2M** [TKG+17]. **MAC** [CCHC09, GZY14b, Los08, TLY12]. **Machine** [BG86, BDHF90, CA95b, LWOG02, MB93, RSCQ17, SYO94, SR97a, SR97b, TVS97, TKG+17, ZL93, ZLZ+19, AES11, BH86, CL14, FMIF18, HS86, HPSM91, KHT+14, KS18, KNS91, KA89, KCFP18, LCI+18, Ros85, SM86, Upa13, WF89, ZG13, ZLCZ18, CM93, CRFS94, CGSV93, EHS94, LAD+15, LST+13, LTD+13, Sab94, TKG+17]. **Machines** [BR96, BPN90, BCR96, CW98, ERL90, Gup92, GKH96, HK96, HB97, HLJ01, KRC00, KHS96, KLS90, LW97, MK92, PAM94, RS94, RK95, RGS00, SSG93, SCMB90, San02, TSA97, YFS+15, Zak01, AE88, CG11, Fen90, Fu10, GA90, Gup92, GKH96, HK96, HB97, HLJ01, KRC00, KHS96, KLS90, LW97, MK92, PAM94, RS94, RK95, RGS00, SSG93, SCMB90, San02, TSA97, YFS+15, Zak01, AE88, CG11, Fen90, Fu10, GA90, IKS87, KR10a, KR10b, Koc91, KP05, LC91a, Mar88, MAR87, RT18, SW90, Ume85, ZA91]. **Macroeconomic** [BMB+08]. **Macropipelines** [WAS88]. **Magnetic** [CCN06, LdPLC+19]. **Main** [DM99, BBH+17]. **Maintaining** [HS94a, LMP10, LY98, YC04]. **Maintenance** [CDCD05, MAPF14, WDDK09, X005]. **Major** [SSL04]. **Majority** [ZWS09]. **Make** [AS19]. **Makespan** [LZ05, SSM+07, TFMS15]. **Making** [LLT12, LFA96, VR95, ZKZ18]. **Making-a-stop** [LLT12]. **Malicious** [HMY+18]. **Malleable** [FZW12]. **Malware** [TY17]. **Manage** [ASD09]. **Manageable** [GRZ+18, dAMFD13]. **Management** [AS13, AS15, BR92, CCK00, CY99, HLLY95, HTL99, JM00, KER01, LZ02, LO96, RDS02, RSN01, TJ92, WLID02, YD98, ZRC99, AM11, AK18, BVGV14, CKMP17, Fu10, FX10, GPT06a, GJG88, GBA08, HCM11, HMV07, HC09, HHS12, HLS04, HHHK15, JWH+17, KK11, KLJ+11, LCC+05, LC11, LAGK07, MBS+12, MLMSM12, MCP+18, NAB+11, NTC03, OJP+18, PY09b, PF04, RWB+13, RAN+17, SNMB16, SDDT04, SS00, SB12, SA19, SK05a, SLG+18, SL06, TZ07, TIZ11, TB90, WYW15, WZZ+17, XRB12, ZMC06, ZV12, ZHO03, dKG+10, SHSH17]. **Manager** [Gai87]. **Managers** [AS84]. **Managing** [AKBD10, FGKT97, SEP96, SS17]. **MANET** [YAA10]. **MANETs** [Hu11, YA11, ZA05]. **Manipulation** [PH91]. **Manipulator** [MS85, NS90]. **Many** [CHLL18, DDO+18, HP95, SR97b, AFA13, APRA18, AA16, ARI17, BBBC12, CCK+13, JHF+17, Lai14, IWC+18, LT14, MZ18, PCCM+17, PKT+13, PR13, RLA+16, RLA+17, TCH12, ZLS17]. **Many-Body** [HP95]. **Many-Core** [DDO+18, CHLL18, AFA13, APRA18,
mYyF92, AFD+11, SM89b, WMW09. Maximum-throughput [BLMB13], maxmin [ZLCJ12]. may [STKW12]. Maze [EL97]. Mbps [MLW+97].
MDS2 [ZFS07]. me [MPS16]. Mean [BA92, JBM91, LZ05, XBK07]. Means [DCF13]. Measure [ASR93, Kav93, PS93, SK89a]. Measurement [FPD93, KL01b]. measurements [ASKTZ13, JME13, JZK04]. Measures [GRR93, DGBN14]. Measuring [ZYH94, Df91]. Mechanism [BaJ90, BCD00, JS99, CG11, CMR+18, CCW14, GYY+14, GVA+08, HCI11, K011, MBO11, PMdO11, RA11, Shf09, X005, Yf07, ZBW+17].
Memoriam [Ano04r]. Memories [CH92, PH91, Sin95, Yan93, GKK+13, KR17]. Memory [AD95, ACD+93, AM00, Ah197, ABS98, AS91, BR96, Bas97, BS96a, BCLR96, BF97, Bit92, BCR96, CB95, CP91, CWP98, CAa95b, CJ99b, DS95a, DY99, DAI97, DUSH94, DP00, DH95, DM99, DT92, EP90, FY97, GAG+92, Gag90, Gup92, GHSH96, GHSJ96, HAW97, HMR15, HPT02, HA92, HA05, HLJ01, IWM97, JF95, KC00, KS97a, KHS96, Kel00, K94, LW97, LK98, L01, LA93, MF94, MR94c, MS98, MG91, NSS97, OS98, PHB96, PAM94, PA96, PB99, PL95, PY96, RL96, RSV96, RV95, RJY96, RGS00, SL95, SLL18, Shu95, SS94a, SDS99, Soh96, SC91b, SB84, SN93, Tam18, TJ92, TTG95, TY95, VSIR91, VS16, VN93, WW96, WD94, Wl92, YW91, YMR93, YB01, YL98, Z0k1, ZLH+18, AM13, AL04, ACHY18, BC06, BBO8, BBH+17, BS03, BB18].
memory [BS92, BGM+08, BCF+94, CBP02, Car95, CC16, CGM14, CJA09, CPO+03, CK91, CDAN14, Cyb89, DFP06a, DT11, DJ11, ETS14, Eij18, EKNS17, FZC+05, FJC04, FWM+10, FLC14, GJG88, Gra10b, GL90, HDCM11, HGFF10, HMBW07, HZHS18, HHA14, Hus17, HC91, IH16, IRRS16, ITT04, Joh11, KKR14, KRM14, KKLJ14, KMS10, KP05, LL90, LC91a, LLB+18, LHZ+18, Lop18, MTM10, MSK+16, NSTD91, Nik03, No12, Pad91, PK05b, PL03a, Pop91, QGL+09, QGZ07, RFPA08, RHR12, RSCQ17, SSGG18, SYU07, SB15, SDO07, SDO10, SM04, TW89, TGPUC16, VETT18, WL92, YGZ+10, YLB90, ZKZF18, ZPK+14, ZLWL12, ZFL89, HZL18, MP10].
Memory-Access [Bit92]. Memory-aware [HMR15]. memory-based [No12]. Memory-Bounded [SN93]. Memory-Electric [IWM97]. Memory-side [HA05]. memoryless [BKMT14]. mental [Eij18]. Merge [NT93, SM00]. Merging [VSIR91, AY09, DO89]. Mesh [AP94, Ann94, ADM+94, CCC92, CWW+95, CLT96, CY96, CDP95, DR19, EL97, EH01b, FZVT02, Fer93, GPJA10, HHM94, IM00, JP95, JS94, JB98, KB01, LJJ00b, LME95, MD01, MP96, Moh96, Nak95, NSS99, OS96a, RO92, RR95b, RR95a, SP96, SR94, SM00, Zhu92, ZYO02, ABC+09a, ABC+09b, BB85b, CL03a, Car90, CWL+07, DJDK19, Dja04, DAB+14,
Efe91, FLL14, GDL+11, GH89b, GA16, GNZ18, HWWH08, HWC08, HR89, HR90, KKK11a, KH18, KD08, KT91, LZ08, LC90a, LC91b, Li06b, LC11, LWLD12, Los08, LV07, LV88, MLG05, MBR08, NPGV10, PB00, Raj04, SI86, SSM89, SC91a, SSZ10, 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, HHM94, MD01, Zhu92, ZYO02, BB85b, Car90, HR89, HR90, KT91, LV88, PB90, SI86, SSM89, SC91a]. mesh-NoC-based [FLL14]. mesh-NoC-based [DR19]. Meshes [BLPV95, BPvW96, BA97, BSDE96, BM97, BOS94, COS+95, CL96, DS91, FF98, HCWS94, HJ90c, LS95, LSC00, LS94, MT93a, NS94, OS97, OS96b, OSZ98, OB98, RWY93, ST02, SKK97, SJ95, VB94, WCE97, Wu02, YTR94, YCY00, BG16, BM04a, CI03, CZZ+17, DV13, GLD06, KLC05, LWCC15, LXLS12, Mat06, dMS18].

Meshing [YIY97]. Message [Ano94e, Ano95k, BB93, BKT95, BDH+97, CW92, CZZY90, CD98, DMSH90, dADB96, GBS93, GHS94, GHS95, GHS97, HNM02, Isl97, Kar92, PK96, LC96, LS96, MMCL+17, MD92, PY96, Pra16, SCMB90, WTC08a, WTC08b, XH93, ZN01, BHR91, BR91a, BPW05, CV90, CPA+11, DDNT10, FM07, GH99a, GKO4, HZA+15, Hal05, IRRS16, Kak15, KMS10, Ks13, LR06, LR03a, Ps14, She06, TW87, TGPUC16, vS91, KTF03, PS01]. message-driven [GK04]. message-optimal [CV09]. Message-Passing [CW92, dADB96, GBS93, HNM02, MD92, XH93, ZN01, DDNT10, GH99a, IR99a, IR99b, Ks13, LR06, LR03a, Ps14, She06, TW87, TGPUC16, vS91, KTF03, PS01]. Messages [AISS97, DLP99, FBDC99, LTWY95, LTY96, SKH96, ASKTZ13, BD04, CL90, GPT06b, KLC05, XLL15]. Messengers [FBDC99]. Meta [SWC+91, D006, GVBB13, KKS+12, LGZ+10, ZHO03]. meta-heuristic [ZHO03]. meta-learning [LGZ+10]. 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, WMD13]. Metaheuristics [TH11, TH13]. Metalevel [Zim96]. metaphor [SK96b]. Metasystems [GWWL94]. Method [AC16, BC94, GH92, KLK98, PB99, WS97b, XL92, XL95, ZHY94, AST12, ABC+09b, ATDH13, BFH09, BR91a, BBB+06, CLC+17, CW15, DM17, GNZ18, KPO5, LR14, Lux85, Mit07, MVP17, MA19, MRT18, ORR03, SHL+13, SMK93, 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, BJDQ86, BM08, CEGS07, DKU+15, EE05, KG04, LWCC15, PAS15, SWP90, SSZ10, SHRM19, UAPM07, VGAB08]. Metric
metrics
[BSW07, DKUČ15, PARB14]. MGR [DAPR18]. MIC [WTWZ16]. Michel
[Ano96l]. micMR [WTWZ16]. micro [KKH17, KC17]. micro-benchmarks
[BF13, WSH+03]. MicroClAn [BF13]. Microelectronic [THN+93].
Microelectronic [THN+93].
Mobile-Process-Based [SMR96]. Mobility [FCF00, GCB00, KO12, BEN12, CKT11, FX06, HC09, LL19, RKK06, RBP11, SK05a].


Model [AGW01, AISS97, AM17, Ano97k, BPJG92, CC91, DL98, DKUC15, DG94, DF94, FTL92, Gao93, GS98, GDN98, HK96, HR92b, HR92a, JRR99, KSP+92, KCV99, MNB95, NDZA99, OKB95, QY94, SANY94, SAC+98, SSK96, WSA+94, YZS96, eW95, AAH17, ASKO16, AHZ11, ASES15, BMB08, BBBC12, BiC90, BG05, CBD09, CH06a, CXX+18, CDJ+89, CRC02, DZC17, DJH11, DKC14, DRT07, GJ12, GPSH19, HMY+18, IEWK17, JLWX11, Kal04, KyLPC17, KC17, LR14, LMGLGLG17, LFH+03, LMXJ18, LTX19, LTKS90, LCJ18, LA06, LGK+12, LWWQ18, LXZ13, MM06, MMN+18, MMVL11, NTKS90, SL90, SK05b, TR89, TLL+18, TJCB10, VHH08, WWW17b, gWW18, XYZW14, YJB91, ZA91, dR09, GB06, KR11].

Model-Based [KSP+92]. Model-driven [SS18, ASES15, LGK+12].

Modeling [ATM01, CR91, CCM92, Chi92, CM93, CLRW00, DDO18, DI91, FMW+94, GHC+17, JZ05, JZK04, KNS91, LP96b, LpJS+18, PLD14, Pat01, PMMMA15, QSO5, RP98, SCM99, SFT+13, SCK03, SSO2, TK07, AP91c, FX06, HES11, JWH+17, Joh91, KME09, KKK+11b, LWCC15, LC13, LF03, MCM+11, MSAZ11, NIK11, ORW+18, RA11, SV08, UMM+18, YL12, ZYW+15].

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

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TVS97, VSIR91, VB02, WNA+94, Wan96, AFK14, ACU08, BXA08, BOT13, BFKW13, BSMH08, BFKP04, Car90, CDS10, CHC05, CCLS94, DMB+03, DKUC+15, GRV08, IEWK17, JSWB92, JTZZ11, JM15, JP09, JW89, KAP90, KSS+07, KRY87, Kum17, KIH15, LLL06, LY10, LPX05a, LDP+14, LSWC14, LVB07, LWWQ18, MVB05, MHBW86, PTZ06, PHS04, PLK+18, SK09, SPRG+12, SI13, SZ03, SRT+18, YB90, ZWWX16, TJCB10]. multiple-bus

Multiple-Pass [MHBW86, YB90]. Multiple-Writer [KS97a]. multiplex [ZXGD18]. Multiplexed [AM95, PD92, QMCL94, QM01, ZLPP01]. Multiplexing [Fag92, Li01, NFEG97, ASES15, CLR91, ITT04, LV15, MBW16, MPG17b, PR13, SKH15]. multiplicity [PMHM19]. multiplier [MS87]. Multiprecision [MS87]. multiprefix [Coh90]. Multiprocessing [CDH84, MBK+92, ABC+88, JS86, ZLWL12]. Multiprocessor [BW95b, CKL99, CP91, DS96, DRC90, DFN+94, GH90, GM00, HP00, HC95, HN91, KS97b, LC02, LF92, Lym94, MF94, MMR98, MT95, MMVR97, MD92, OM90, PL95, PM96, PP92, QY94, RS92b, SEP96, Soh96, WF93, XZ96, ZQ93, AA10, AOM50, BHR91, BR91a, BYG+18, BS92, CRJ10b, DI91, DMS+16, GL89, HDT+05, HA91, HC91, JW91, KA05, Lee90, LH03, Li16, LW89, LVB07, McA98, PK05a, PI90, SK09, SM99a, SYYU07, TS91, YL89, ZZ90, ZQMM11]. Multiprocessors [AMB95, AM95, BJ99, Bas97, BS96a, BL96, BC01, BLG01, CB95, DS95a, D98, DZDZ01, DT92, GY92, GZ97, HJ01, HA92, KSB94, KB96b, KA97, LA93, MB92, MS98, MG91, NB93, NS97, NPP+02, PH91, PF96, PT97, RL96, RJY96, SMH94, SCM99, SY01, SD99, SD00, SC91b, TGG95, VSIR91, YW91, YM93, YL98, AP91b, BC05, CLM90, CRJ10a, Cyb89, FZC+05, FG95, Gai90, GL90, HCM11, HRRG+11, KA03, KK11, LEN90, LE91, LPK+10, LWG14, NST91, Nik03, RFPAG08, SPBR91, SD91, SMH91, SA90, YB90, DOC96]. Multiprogrammed [MS98, NSS97, NPP+02, YL98]. multithrea...
mutually [WW18a]. MVAMIN [JBM91]. myoelectric [BAT+19].

Myrinet [KL01b, QS05].

N [BM17a, GSPH19]. N-modular [BM17a]. name [TB90]. NAND [No12].
nanoarchitectures [FCG+14]. nanophotonic [HRG+11]. nanoscale
[PLD14, ZRN+14]. nanotechnology [MKN14, MNK12]. NAP [KF90b].
NAS [JV06, WAS95]. Natural [LS95, VB96]. NC [LO91, RDL95]. Near
[FTL92, HA92, San99, UR94, CCN06]. Near-Maximum [FTL92].
Near-Neighbor [HA92]. Near-Optimal [San99]. Nearest
[HH01, OS96b, JHL+18, KS08, NA06, NMN+14, SDG17, Wan07].
Nearest-Neighbor [OS96b]. Nearly [Nas94, SSM89]. NEAT [LST17].
Necessary [SJ96]. Necessity [MC03]. need [LTG14]. needed [IR12].
needs [CHLL18]. Negotiation [LL98]. Neighbor
[HA92, OS96b, UR94, JHL+18, KS08, MKC+09, Wan07, ZMG+16].
Neighborhood [JdSJC+15, LYC02]. neighbors [NA06]. neighbours
[NMN+14, SDG17]. NERSC [ROE+18]. Nested [BHS+94, CWW96,
DRR96, HS93, KBG92, Mer96, RSS99, SCB09, AGM06, BFTV87, EB09].
Nests [DR95]. Net
[BPJG92, BDF92, Chi92, Fer92, SP90, KK17, NM95, WL92]. Netfinity
[BAPH01]. Nets [BPJG92, BYT19, CMT92, ESCV15]. Network
[AA93, AAD98, ABM+92, ABCP96, BJS18, BBH+97, BBCD02, BA95, BC01,
BF97, BST01, CGKK97, CW01, Cha95, CW92, DLLX97, DSAUM99, DVZ96,
DR18, DBP94, DKKMV01, DH95, ESMG96, ES12, FFK97, FAM96, FTL92,
GRS97, GS01a, GH93, HH97, HPT+97, KC95, Kop97, LST17, LS97, LK94,
LK10, LC96, MM00, MJ94, MSS88, NBS99, OM84, PN97a, PN97b, Pat01,
RCY97, RJY96, SM00, SBAM96, SS95, TSC01, Tze91, UR94, WMG01,
YZ96, ZLP97, ZMPE00, ZW00, dBL95, AP91b, AHA+16, ARI17, Aro04d,
AF06, AM11, AS19, BFH+17, BM14, BCO+12, BXA08, Bat05, BWP+11,
BJ15, BAL05, BPA06, CK004, CMMN10, CMR+18, CKNO7, CLG+16,
CD04, CWL+07, CWP12, Che89, CV09, DE91, DR19, DAPR18, DYL+12,
FK89, Gai87, GJ12, GZMC08, HWW08, HD10, HWC08, HMY+18].
network
[IZ12, IS06, JF12, JXW06, Jb99, JZK04, KERUM04, KJD03, KMC16, KO11,
KO12, KCD08, KRS15, KH12, KO90, KPR88, LT10, LAD+96, LSS+11a,
LSS+11b, LB12, LTD+93, LY08, LL12, LÜ14, LY13, LRS18, LWGC14,
Nap90, NS90, NM17, NGQM12, OO05, PL06, RH05, RD05, RCG18, RGAN18,
RSL12, SMW18, SSB19, SHK19, SCW+18, SS05, STK12, SY04, SK97a,
Sta17, SMK93, TM06, TDP15, TCHC12, VM95, VHH10, VR86, VRM10,
WL11, WW18b, WMC+18, WI11, WLZ+18, WWA+18, WHS+18, YK04,
YLZW18, ZWS09, ZY12, ZWRI07, dg91, AA14, SLW10, SLG+18, ZCF+17].
network-aware [RCG18]. Network-Based
MYM10, MAPF14, MV88, MPV12, MA11, MSZ05, MBMC19, MCS14, MS88, MVBM05, MBR08, MYD+11, MKC+09, MAJJ05, MVPM04, MVP17, MBO11, MSAZ11, MHBW86, MK08b, NPGV10, NJ91, NSA11, NFHL13, NC09, NMN+14, NZA13, OWK14, OM10, OMSGNSG05, Pak89, Par05, PK05a, PL06, PLY15, Pe90, PCX+11, PCX+14, PSC+16, PKW+10, PW16, PW17, PV07, Pla08, PLR07, PMCC18, PB09, RM10, RM11, REK10a, REK10b, RLP14, RF5+12, RKK06, RBP+11, RA11, RHL08, SCN12, SAOKZ05a.

networks
[SaokZ05b, SMP15, SB12, SX08, SZ09, SZMK13, SGAC14, SSZ10, SGS08, SKMM04, SK05a, SL89, SR88b, SR90, Ste17, SK05b, SCLL10, SK11, SJS11, SH89, TBHA07, TLY12, TODQ18, TDC05, TC13, TMK+17, TM10, TDM05, TR08, TCS+10, TWQ12, VO89, Var91, VA03, VMR10, WCC02, WW07, WG08, WTB+08, WGS08, WMW09, WBTM09, WW12, WCL+13, WYW15, WFLJ16, WW18a, Wcxl11, Wl90, Wn85, Wts03, Wh08, Wl10, Wbrt13, Xyka08, XclR07, Xhg03, Xq04, XWC+08, XHz+10, XG03, YpgYJlc13, Yme06, Yf09, Ydz+18, Yl89, Ysl08, Yww12, Zv06, Zmg+16, Zmc06, Zw11, Zbr11, Zlcj12, Zcmj12, Zxp09, Zxgd18, Zscx18, Zdc06, Ztq17, Zls17, Zho03, Zc04, DObg+15, All11, Ldzh+14, Ldp+14, Lk11, Mlcfh+18, Mr03, Memeh17, Prp09, Rbp+11].

networks-on-chip
[HRG+11, KKK+11b, Lhlm14, All11, Lk11, Memeh17]. Neural
[AA93, Ano92c, Bst01, Cw92, Ftl92, Hpt+97, Jh92a, Kjd03, Kri92, Lwog02, MM00, Mlcfh+18, Mon94, Ns92, Piu01, Ram92, Tvo02, Tw92, Zzc92, Ew95, Arb89, Fk89, Gh89a, Joh89, Kh89, Ogrv+12, Pg+12, Smkl93, Tor89, Tdp15, Vm95]. Neural-Network [Cw92]. Neuro [Mt97b]. Neuro-Chip [Mt97b]. Neurocomputer [Gfb+92, Ram92]. Neurocomputing [Ebe94]. neuronal [Vo89]. neutrino [AA+15]. neutrosophic [Mhlz16]. Newest [Ak17]. Next
[Nab+11, Hpb+10, Rkk06, Sb04]. Next-generation
[Nab+11, Hpb+10, Rkk06]. nexus [Lc14a, Fkt96]. NIC [Jby+05], nine [Dm17]. nm [Hrf+11]. NMC [Sany94]. NN [Zht16]. No [Kf90b, Ir12]. NoC
[Aa16, Czpp16, Caf+11, Djdk19, Fll14, Hrf+11, Lzj11, Lw16a, Lk11]. NoC-based [Hrf+11, Caf+11, Lzj+11, Lw16a]. NoCs
[Bk18, Cg17, Lk10, Mp10]. Node [Aad03, Hac17, Kks09, Akbd10, Dl11, Dm17, Fklb08, gm13, kh17, Kva18, Lai14, Lai15, Lai17, Lds16, PCX+11, PCX+14, Rmhr17, Sjg19, Tr08, Zah12]. node-disjoint
[Lai14, Lai15, Lai17]. Node-independent [Hac17]. Node-ranking
[Aad03]. Nodes [Gp97, Slnk09, Ss95, Ck91, Db86, Lks14, Lww18, Nm17, Sl13, Wgs08, Xgy07]. noise [Sft+13]. Non
[Bh05, Tvt+17, Bgh+03, Bbfn14, Bkmt14, Cll09, Goh+13, Grdb05, Gtqls12, Hzhs18, Kk10, Kr17, Lai86, Lii6a, Mm07c, Mar05, Nkv14, Qs05, Wmy+17, Wlnl06, Zpk+14]. non-blocking [Kr17, Qs05]. non-Cartesian [Goh+13]. non-clairvoyant [Li06a]. Non-cooperative
non-dedicated [MAR05, WLNL06].
non-deterministic [GTGLSA12].
non-first-in-first-out [Lai86].
non-functional [WMY+17].
non-linear [BGH+03].
non-memoryless [BKMT14].
non-uniform [BBFN14, CLL09, MM07c].
non-volatile [HZHS18, NKV14, ZPK+14].
Nonatomic [Sin95].
Nonblocking [JSM94, MS98].
Noncooperative [GC05].
Nondedicated [Ano97k, YZS96].
nondense [WF90].
Nondeterministic [CY95].
nonequivalent [NJ91].
Nonexpansive [Bah00].
Nonloop [Bec96].
Nonoblivious [FY96].
Nonredundant [Wu94].
nonscaling [Zha11].
Nontrivial [ACH18].
Nonuniform [AA95, KRW96, KR97, LK90, OP98, WLR90].
nonzero [ASA18].
nonzero-based [ASA18].
normal [ZB03].
Normally [TOR+14].
NoSQL [Luc18].
Note [Ano01-34, Ano02j, Pel95, Num07, Ano04d].
Notes [THSS87].
Nothing [LT94, PVGG06].
note [PCX+14].
Notification [ABP92].
notifications [APRA18].
Noting [HTL99].
notion [LJ86].
Novel [GMSS+11, LYC02, LLCL98, OS96a, BJS18, CWLD05, CCHC09, CLC+17, COF+17, CSW+17, GB11, Hus17, JdSJC+15, LTB02, LMJC11, MSGS+13, PLSM18, SDG17, SKMM04, WLL16, WXZ+18, YF09, ZV09a, ZVL11, ZBR11, ZWWX16, ZLCZ18].
NP [BRR01, MPZ09].
NP-Hard [BRR01].
NSGA [SMO14].
NT [BAHP01].
Null [DSM90, BD04].
NUMA [FCP+15, LE91, WF93].
Number [Alu97, Ano92a, Ano92c, Ano93e, Ano96l, Ano97k, Ano00d, Bro96, BS96c, CS93b, SS95, ZAW94, DDNS06, FSZ07, GA18, HSSM07, IC05, Li14, PK89, Pet18, PH16].
Numbers [NS94, Can18, JD12].
Numerical [BK95, Ben15, LLCC02, RW01, CMPS18, EFG+14, NAK04].
NUTS [LK90].
NVHT [HZHS18].
NVIDIA [JM15, KME09].
NVM [ZLH+18].

O [AW95, Cho93, CQ95, CD95, DD93, DT01, DLW+12, DJT03, GGD93, GFPC14, JSCB95, JSWB92, LTH97, MLG05, NSS99, SpPCC02, No12, WHW+17, WLLW09].
O-Intensive [EH01a, CkLCK04, CkLCK05, HZZ+19].
obfuscation [MMN+18].
Object [CSSY94, CS95b, DR98, GCB+00, HS00, JRR99, KC99a, LLS93, LTH97, Lop13, SG96, WPKK94, WLID02, WH97, ACFK07, Chi95, HD10, KC04, LLLC15, LFH+03, LC11, SA19, SK90, SCK30, TCS+10, YJB91, ZV09a].
Object-Based [FR98, WLLD02, ZV09a].
Object-Oriented [CSSY94, CS95b, HS00, SG96, Ch95, YJB91].
object-space-parallel [ACFK07].
extive [ADD18, COV13, COF+17, FP14, LÜ14, MMK+11].
objectives [FEH+14].
Objects [CLZ00, CDP95, HPT02, Kap93, SBAM96, VWHL96, WG93, Won99, van96, AEFL11, SB15].
Oblivious [CRSB13, IM00, ABD14, YME06].
OBQA [ESGQ+11].
observability [MH18].
observations [RTZ11, ZHO03].
observatory [AAA+15].
obstacles [SJS11].
obstructed [DWX10].
Obtaining [AFT+00, VAS+13].
Occam [LC92].
Occamflow [GL89].
Ocean [SAC+98, SH92b, Nes10].
Octree
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 [LYJ+19, WL04]. offs [CLR90, LCB16]. OLAP [DKRC+15]. Olden [CR96]. OLSR [KKK11a]. OLSR-aware [KKK11a]. Omega [Ano93c, CS93b, SZ00b, GL90, CS92]. omega-like [GL90]. omnipotent [BBD18]. OmpSs [PSB+19]. on-chip [BYG+18, DJDK19, KB12, LNA12, LKY13, LXX14, LTL12, LCG14, MYD+11, PMCC18, UM17]. On-demand [YLYC11, BS90, FVLB09, HZDP12, LSZZ15, NKK16, SFEF06, WL05, XG03]. On-Line [BDKM94, LTY96, Yen01, DJ98, EL88, LHK03, KM88, SL90]. on-machine [AES11]. once [ACHY18]. One [Ano93c, Bog17, CS93b, LP95, PTA08, SR97a, SR97b, YA98, ZB97, BPBR11, Che05, CS92, Deh90, Lai14, Yan04]. one-copy [Deh90]. One-Copy [Ano93c, CS93b, CS92]. One-Dimensional [LP95, PTA08]. One-Sided [ZB97]. one-step [Yan04]. one-to-all [Che05]. One-to-Many [SR97b, Lai14]. One-to-One [SR97a]. Online [CRH11, DTK11b, HCWS94, JTC+18, KKR14, LQM+12, LHM14, QM01, ZLC14, ACZ13, AFG+19, BFG04, BJL18, CXX+18, DFL017, LI06a, SHC14, TIZ11, WY+18]. Only [GS00, SLKK12]. ONoC [TKKH17]. OnRamp [FKR+17]. onto [BR08, BS90, BS+01, DAYA02, Dja04, DQR+09, ERL90, ERS90, GH98a, GW99, KMS+06, LLS07, MM00, MAS+99, XH91]. Ontology [PRP09]. Ontology-based [PRP09]. OP2 [GMS+13]. opacity [KKW17]. Open [CA94, DDO+18, ZSW14]. open-source [ZSW14]. OpenCL [AB13, MC17, PHW+13, PSB+19, RBB17, Str12, DAT17]. OpenMP [AGMJ06, CCM+06, HLCZ00, LNW+12, LA06, PARB14]. OpenMP-based [LNW+12]. operand [SR88a]. Operating [MRL92, SEP96, CDJ+89, FABG+19]. Operation [HLJ01, Cohn90, KNS91]. Operational [RHH96]. Operations [BRZ98, DP98, FGW95, HTL99, HLJ98, KS95, PKD97, Van94, ZK94, BM04b, DT11, LMR05, JSW92]. operator [CL85, TG03]. Operators [BDKM94, SR94, SMO14, WH17]. Opportunistic [LYJ+19, AM07, DBW+18, LWW18, WW18a, WWA+18, dKG+10]. Opportunities [PJ18]. opportunity [KS03]. opposition [WRW13]. opposition-based [WRW13]. OPS5 [SF89, HS86]. Optical [AK93, Ano93c, BA97, BC01, CS93b, CLM90, DP99, DSD+97, DR18, ELS94, ES97, GP93, HP97a, HOPT99, IWM97, LJJ00a, LJJ00b, LPZ99, MR03, MC93, MB93, MG93, OS97, OS93, PEC95, QM01, RP98, SHC93, SL97, Szy95, SH98, THN+93, TBV90, WLY01, WHT00, YWP00, YMG01, ZMPE00, ZLPP01, CS10, CS92, KK17, KH12, LY13, MaE98, NAK04, PLD14, WG08, dR09]. Optically [DH95, EH01b, Guo94, KM97, MKY+97, QMCL94, GMH+91, TRSS06]. Optimal [AMS94, AH12, AR97, AKPT99, BNS00, BBM+02, BSDE96, BS+91, BOW94, BHK+94, CW00, CS93a, CA95a, CW92, CA96, DS95b,
Optimal

Optimisation

Optimization

Optimization-based

Optimistic

Optimations

Optimize

Optimized

Optimizer

Opto-electronic

Optoelectronic

Order

Ordered

Organizations
Orthogonal-access [HC91]. Orthogonally [CP98]. Other [Kap93, Kum17].
Output [AR97, JD12, Wu02, GS91b, HC91, SM89a].
Outerplanar [GS99, KW02, TSFZ14]. Output [ASR93, GC07, PD92, Ros99, ST02, GS03a, PY09a, ST06].
Output-sensitive [GC07, GS03a]. outsourced [XLC+18]. outsourcing [CX YT].
Overlapping [CQ95, Wil92, CHC05, KSG03]. Overlap [QH96, ALTV13].
Overlapped [Lin93a, KNS91, SWLZ17]. Overlapping [CQ95, Wil92, CHC05, KSG03].
Overlays [HASB16, ZH07]. Overloading [AOSM04]. oversubscription [KKLJ14]. Overview [EMP+96, KS93, ABC+88, SSZ10].
Page [Ano18y, Ano18z, Ano18-27, Ano18-28, LE91, NPP+02, HSSM07, MTM10, TH08]. Pagename [KRSZ02]. pages [Ano96l, Ano97k, Ano00d, CS93b]. Paging [DM09, Li17]. PAHON [DR18].
Pair [DP98]. Pairs [BGR96, TU92, KS91, DCA+15]. Pairwise [GP00, CK08]. PAME [YLZW18]. PaMeLA [GDL+11]. Pancake [BS03, KAM94]. pancyclicity [XHZ16]. panel [Rob09]. Paper [Ano01m, Ros07, OY13]. Papers [Ano95i, Ano95j, Ano96j, Ano96i, Ano97i, Ano97j, Ano98k, Ano98i, Ano98j, Ano99i, Ano99j, 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, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano02q, Ano02r, Ano02s, Ano02t, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ben15, Snl03, Mue13, Phi13, Rob09].
Para [CD98]. Paradigm [KBD05, RS92d, BAMM05, CVJ09, KDSS18, LD15, MSJ05, Sie16]. Paradigm-oriented [KBD05]. Paradigms
[Ano99g, CEF+95, YMR93, XQ04]. **Paragon** [CCRS92]. **Parallel**

[ASR93, AGW01, AT94, AGF94, AAL95, ANT02, AISS97, AP94, A1s01, A1sJ91, Alu97, AFM03, AS13, AS97, AS95, AH94, Ano92a, Ano93a, Ano96j, Ano97j, Ano97k, Ano99g, Ano100d, Ano102v, ASC+18, ABZ95, AKP95, ADM+94, AS94, ADS98, AB93, BK95, BJ96, BR96, BCD95, BBD+91, B194, BW08, BBH97, BAI90, BDF92, BGR96, BS97, BCV94, BFG94, BN94, BB93, BMM02, BV13, BL94, Bev02, BBH+98, BKC17, BP95, BEE00, BS90, BHS94, BDHF90, BP98, BR95c, BR95r, BMRW07, BMRC98, BMRC99, BS90, BTZ98, Bro96, BX93, BDH+97, BA01b, BGT02, BMCP98, BW18, BM95, BNS99, B09, CP97, CMT93, CP98, CGKK97, COV13, Cas93, CC91, CD97, CDC99, CB99, CkkK00, CvdBL+08, CCRS92, CGL+95, CCC90, CS95b, CW95, CH92]. **Parallel**

[CV91, CDJL09, CN93, CP92, Cho93, CHR94, CY96, CWP98, CB96, CQ95, CRD17, CGA98, CH92, CP94, CA95b, CHGM01, CRFS94, CLZ00, CBdCD00, Cuz11, DDO+18, DFHH13, DM90a, DM95, DOP98, DP00, DM92, DRC90, DH91a, DS84, DO89, DH94, DDGK13, DN94, DJM94, DSW94, DT01, DSD+97, DBF90, DD95, DZ97, DJT03, ES96, ERL90, ERA95, EMM94, ELS94, ES97, EHS94, EHM95, Fahl96, FLL14, FZW12, FBRW03, FGcF17, FTM+14, Fer95, FR96b, Fer92, FM98, FLS+97, FPS11, FC95, FKCC97, FJ93, FMW+94, Fre96, FT94, GG94, GP94, GCB00, GGN93, GV94, Ger98, GBE93, GGD93, GMSS+11, GJP96, GC01, GSC96, GM95, GSP92, Gra09, GL92, GH9b, GH92, GWH06, GNZ18, GK93, GHSJ96, GS99, GRR+05, Hag97, HHMR94, HK96, HH97, HGCC96, Han89]. **Parallel**

[HES11, HB97, HB97, HP95, HR92b, HR92a, HC98, HP9b, H91, HTB98, HR98, IK94, IZ95, IWM97, IWM05, JW94, JBL02, JSM94, Jia99, KR97, KF9a, KME92, Kap93, KSA95, Kar92, KK98b, Kau94, KZ96, KKN13, KR98, KB01, KKS08, KE93, KS93, Kri92, KRS13, kW02, KG94, KG94, KM92, KA97, KC99b, LSA93, Lan09, LWCC15, LP99a, LA07, LMCF90, LW97, LT97, LJKS02, LS97, LC90b, LAS+97, LP99, Li01, LWG02, LYL08, LSS+11a, LST+13, LSH96, LSS8, Lin91, Lin93b, LA03, L094, LLCC02, LP97, LK11, LFA96, LKB+15, MB96a, M9H93, Mah95, MM93, MS99a, MLC+90, MR94a, MPZ09, MT96, MB96b, MP93, MSGS+13, MSH90, MD98, MZC18, MHC95, MB92, MSd+95, MMAL90, Mer96, Mi93, Mr91, MB93, MG98, Moh96, MSAZ10a, MNK12, MS96, MS99b]. **Parallel**

[NSS97, Nas94, NFEG97, NMS93, NS97, Ngo06, NT90, NKC97, NH93, Nic94, Nie94, Nik04, NZA13, NSPPC02, NDZA99, NS92, NPY+97, O005, OY00, OB98, OY13, OP98, ORR03, OR97, OT19, PH19, PD95, PP96, PDP17, PH00, Par98, PE93, Par96, PL03a, PL94, PCX+14, PLA08, PAH+98, PAJC97, PBB+17, PRS14, PSE+01, QZ94, QH96, QvovG01, REK10a, Raj01, RSS96, Ram92, RL02, RS92b, Rec84, RW01, RG00, RPS93, RSL12, RS90, RIZ90, RJA97, Ros99, Ros07, RW93, SSG93, SH90, SS96, San98, SM96, S9n2, SAOKMA02, SH97, GC93, Sch90, SM99b, SW96, Sch91, Sd97, SAF05, SR97a, SR97b, SAC+98, Sche06, S892, SSHC00, STN92, Shu95, SGS99, S190, SM00, SRK95, SSRV94, SB93, SC95, Ski96, Sni03, Solf96, SL97, SHRM19, SLKK13].
Parallel
[SIR92, SK93, SMKL93, Ste95, SSK96, SWC+91, SF90, SYG92, SS97, Szy95, TH11, Tät11, TSA07, TWS7, Ten90, TAS+01, TR96, THBF97, TVO92, TZ00, TK08, TF01, UAPM07, Upa13, VSM96, VGAB08, WB94, WCE97, WLY01, WM92, WNA+94, WPKK94, WB96, WTC08a, WMJW09, WRW13, WSA+94, WD94, Wee01, Wei98, WMG01, Wei02, WA02, WAS95, WS95, WSKa77, Wor93, Woh91, WHT00, WHT02, XP10, YBX+13, YZS96, YWAT13, YB95, YIY97, YB01, YP96, Zak01, Zep91, ZYH94, ZK94, ZBK97, Zhub92, ZH99, ZM94a, ZO97, ZYO02, ZA91, ACYS08, AKDMN15, Ada17, AL91, ABGV11, AFG+19, AP91c, ATH91, Ara90, AMM+18, AE88, ANP07, AG86, ADDB18, AB13, AJG18, ACFK07, Bad04, BC05, BCM87, BB87, BCC104, BKC+15, BBM08, BA06, BCF05, BAH04, BNBR16, BFH09].

parallel
[BS87, BSG90, BR91b, BKMT14, BGM+08, Bož09, BCK+13, BSH15, CK88, CP10a, CTS17, CR91, CDS10, CSML10, CCE+17, CCS06, CRL04, CEGL07, CVK+18b, Che86, CC87, CZZ+17, CLOL17, CFJW13, CKWT17, CJ07, CT94, CDJ+89, CL85, CZ90, CB06, CD95, CK91, CM12, CB11, dADC18, DFP06a, DMM8, DRT07, DM90b, DM90c, DQR+09, DUW86, DLW+12, DAG+17, DRR13, DM94, DWHL87, Ebn04, EB13, ESTA94, EE05, EI07, FCG04, FGG08, FKB17, FCS91, FSD04, FKR+17, FCG+14, GMF12, GBV13, GG89, GS91a, GP91, GT04, GMRG16, GWWL94, GAC+17, GS03a, GC07, GB06, HM06, HSS10, HZZ+19, HOE+09, HSH10, Hdi13, HS86, HA91, Hsi04, HSS17, mH14, JT88, JSWB92, JMS86, JL05, JJ12, JST12, JP09, JZ05, JV06, JZF+15, KKR14, KEA07, KR10a, KR10b, KHT+14, KV88, Kep03].

parallel
[KHK03, KKS+12, KCR14, KN18a, KN18b, KM03, Koc91, KSSG14, KBC+10, KK86, KS91, KMP+06, KP05, KHI15, LBMG15, LT02, Las13, LPK+10, Li06a, Li06b, LT07, LY12, LMB+17, LJZ+19, LTKS90, LC92, LH04, LS05, LH09, LŽ+11, LG14, LGL13, LF03, Luk85, ME04, Mar88, MV88, McD98, MCT06, MTL+18b, Men18, MP87, MMK+11, MAR05, NVK+11, NDW17, NDSZ18, NW88, Nic07, NZY+11, NCTT09, OS04, OTKT12, PB90, PCC04, PMALL11, PPTV+10, PA15, PK89, PPSV15, PF91, PVPM06, PHS04, Pop91, PGKV18, PF04, PRG88, QJ05, RA08, RS04, RGD03, Rao16, RAN+17, ROB+18, RG87, Ros89, RSW91, RTGC91, RBB17, SI68, SS03, SPBR91, SV08, SI89, SC91a, SS06, STP09, Sch14, SP13, SC04, SZW05, SF05, SK91, SCMHI3, SA08, Ski6, SMH+14, Sta04, SDG08, SSDIB+10, SR91].

parallel
[SR16, Suk18, SHC14, SRT+18, SSG13, TM06, Tan18, TW89, Ter16, TRSS06, TS91, Trác09, TLW18, UGG+11, VD04, VS16, VA07, Vis87, WL00, WLL16, WC91, WJV07, WBTM09, WLC15, WRHR91, WJD91, WZ91, WIB12, WFG89, WLWW09, WGCZ09, XL11, XS11, XYZW14, YJB91, YO11, YZLT09, YDZ18, YBM13, Zha11, ZFL89, ZJ06, ZWF06, ZBW+17, dVCP06, dGP06, CPO+03, Cza13, FTK14, KR11, Re84, YO11].

Parallelism [Bec96, BAM93, Bog17, CGN+13, DRST02, FM85, FKKC97, FY97, GSG+93, HKT+91, KRC00, MR94b, MK92, SS93, SW91, SH92b, SV00, SG96, XMMD17, GV86, HS03, Irw88, MM15, Ozt11, PVGG06, RS08, RSCQ17, SCB09, TBE+17, VBF13, WTYX13, ZLWL12, DeG88].

Parallelization [BPST96, BF01, DHR96, HO94, KR97, Kub17, NM95, NC97, Pov99, SANY94, UZZS96, WCKD06, AAD05, AGM106, CVJ09, IBP08, LMY+11, MPN17, Nes10, SGE91, WCE91].

Parallelized [DR98, MJ01, SPVvH03, ZMZJ17].

Parallelizing [HWW96, LLS+16, RHH96, Tse90, WCH+17, DMCFCM03].

Parameter [FCF00, ZRN+14, APK18, LZY+18, SPVvH03, DAPR18].

Parameterized [dR09, NSTN91, PW96].

Parameterizing [TSHH01].

Parameters [Fer90, WRW13].

Parametric [DR95].

Parametrisation [MLCFH+18].

Parentheses [MW95].

Pareto [BFM06].

Parity [CT93, MC17, MK93].

ParList [FMP98].

Parser [CB96].

PARSIMONY [GC01].

Part [RLA+16, RLA+17, SAOKZ05a, SAOKZ05b].

Partial [FY96, HBS17, HHC98, HS97, VB94, DGDF10, IR12, JL05, LÜ14, OT19, Ros89, TR16, Vel89].

Partially [FI04, KKS+12, SKK91, Tay05].

participants [GHK+12].

participation [AK18].

Particle [BTG02, PAH+98, SDG08, CvdBL+08, LTNS90, VBDC13].

particle-in-cell [LTNS90].

Particle-To-Grid [SDG08].

Particles [LLCC02].

Particles-Turbulence [LLCC02].

Partite [EMM94, SL+98].

Partition [SCG10, LM05].

Partitionability [SZ00b].

Partitionable [LC14b, NMS93, SB84, CL91b, LC90a, LC91b, PW17].

Partitioned [CB99, LJKS02, YI96, CGS6, Gai90,.GO0+16, Mat06, OT86, SR88a, SM08a, MR03].

Partitioner [SSB98].

Partitioning [Als01, AYIE98, BW96, Bon02, CN93, GK98, HS93, Kar95, KK98a, KK98b, Lee90, Mah95, Moh96, MFS96, Nic94, PFI96, PB99, TG99, WCE97, WF93, ASA18, AHA+16, ACU08, CP05, DKE+15, HKO04, SL+12, GHC+17, LVP07, LSX14, LZX11, M107, PA04, PA08, RMU14, SW01, STA12, SLK13, TK08, IWC+18].

Partitions [SS96, MMS09, SBC+12a].

partner [GCCO7].

party [GCS06].

PARULEL [SWC+91].

Pascal [PLD87, Ree84].

Pascal-based [PLD97].

Pass [Wan96, DD96, MPN17].

passable [VR86].

Passing [BB93, BDH+97, CW92, CD98, dADB96, GES93, HNM02, Is97, Kar92, KTF03, LK96, MD92, PY96, PS01, SCM90, XH93, ZN01, BPW05, DDNT10, GH98a, Ha05, IR116, KAK15, KMS10, KLS06, PS14, She06, TG16, 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, NT96, OC07, RMC97, TU92, T200, ATH91, ANP07, CHCG18, DGNW13, DM90b, EDÖ05, Hsi04, KS91, LS03, LFFJ18, NS90, Ros89, SYYU07, VIL+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
LZZ+11, LGL13, LB18, LCB16, LVB07, LGK+12, LWWQ18, MC17, MGS+13, MZC18, MRS+14, MVBO5, MG09, MBO11, MLK12, MBH+08, MGRRK14, NSTM91, Nap90, ND12, NTC03, No12, NRM+09, OSL05, PCMM+17, Par05, PRHB06, PHV+13, PVRS17, PGKV18, RH05, RM90, RTCG91, SPRG+12, SSFp11, SAOKZ05a, SAOKZ05b, SCB08, SD91, SC04, STMZ18, SAB+92, SA11, SE15, SR16, TTH12, TB90, TMM06, TDO7, UMM+18, WSB+08, WS06, WH08, WG11, WLZ+18, YAA10, ZYY+15, ZFY+16, ZLCZ18, dAT17].

Precise [JR95, KB96b, MMVR97, BKS05, DUW86, Li06b, XLL15, ZV09b]. Precise [KSJC17].

Preceding [Yen01]. Preconditioned [BSGM90, CP10b]. preconditions [GLW14]. preconditions [SZW05].

Predicates [CK97, GCKM97, RS92b, Ksh12, SKK14]. Predictability [SB12]. Predictable [CKK00, SB12]. Predicting [FFK97, Lun99, SSG93, SZD07, SFT04, Wei02, BCD+15, KBC19].

Prediction [ASKO16, Ano97k, AYB+15, CTD99, DBW+18, KL01b, PH00, WDS+18, WWA+18, YSZ96, YJ96, ARVZ14, CDB04, CXX+18, CXQ+18, DZC17, DKC14, KVA18, LGZ+10, LC14a, LKM12, LWWQ18, MVP17, PMO11, uRL+18, SM08a, SK05a, Udd19, WWY+18]. Prediction-based [AYB+15, DBW+18].

Predictability [SB12]. Predictable [CKK00, SB12]. Predicting [FFK97, Lun99, SSG93, SZD07, SFT04, Wei02, BCD+15, KBC19].
AY89, ANP07, BCMV15, BB85a, BSG90, BFG04, BFM06, Bož09, BW18, DBA+18, dADC18, DM90c, EE05, FZWL12, FMM08, GT04, HSSM07, Hsi04, HC11, IHM05, Joh89, KSS91, LSS88, LWR+03, LYL08, LCCL10, LLCZ19, LSH1, LH09, MG03, Ngo06, OA10, PMV05, PBS08, PDB13, Sch13, SU87, Sta17, WLL16, WCEA10, WZ91, WMG13, Cza13.

**problem-size-independent** [LH09]. **Problem-Solving** [KBC+01, LWR+03]. **Problems** [Ano96i, Ano99g, ADS01, BK95, BOS+95, BEE00, BGOS95, CB95, DS02, ESMG96, FR96b, FR98, FT94, GL92, KL01a, LSH96, MS94, MP96, MS99b, OR97, RS96b, Ser97, SN93, Ten90, TF01, WM92, WLR90, WH08, ATH91, AG86, BGH+03, BS03, BBD90, CMMT13, CEGS07, KJD03, LW06a, Lin91, Los08, LGG08, LV88, MPZ09, Men18, Nik04, PPV15, WRW13, WMG13, YS11, ZTFK16].

**procedural** [Kan05]. **procedure** [Kub17]. **procedures** [DWHL87]. **Process** [CCM92, IAS+92, Kar95, KSP+92, KOW97, Qia97, Ric98, SMR96, SS93, SF90, Ale19, Ara90, Bic90, Gai87, Gai90, GA18, HRF+97, HT+90, HRR97, HSJP87, HR90, IWM97, KSL85, Kri92, LWY97, LS97, LS85, LT94, MSH90, MT85, NMS98, NMS93, OY13, Roses07, SH90, Sn03, SD88b, SSK96, SWC+91, TASS+01, TIBF97, VAF19, VB02, Wec01, WRC+02, WSS93, Wei98, WA02, YL12, YJL16, ZM94a, ZM94b, AAA+15, ATD+13, AM11, BB87, BK13, BAT+19, BHS13, CC08, CLA+18, CRL04, CHL18, CCN06, CM12, DFL017, DW04, EKNS17, GSWW04, GWL94, HBS17, HR89, JMS86, JKD+15, KLO8b, KNS91, KKN13, KN18a, KN18b, Lee91, LB12, LL18, LB+15, MTL+18b, MS86, NLB+18, PYP+10, PI90, PGP+12, PVM06, RCG18, Ren11, RAN+17, RG87, RSCG91, SCB08, SIY14, SS18, SK89b, Sto87, SCL10, SI13, SA90, TZH+06, Tr09, VETT18, WW07, Wan07, WJD91, WL10].

**processing** [XHY07, XQ04, ZMCP11, ZHH15, Ano93a, PRS14]. **Processor** [AW95, AERBL92, Ann94, BG86, CW93, CWW+95, CkLCK04, CkLCK05, DY99, DDD98, GW99, Goe94, Guo94, HO94, Hwa97, JB98, KC98, KF90b, KGB92, LSH91, Msd9+5, Moh96, MNM98, MBK+92, NS97, OS98, Par96, PTO1, RKK97, SS93, SHC93, SS97, WCF94, YD98, YL98, ZH92, ZYO02, ACY08, Bat05, Bod89, CL88, CL85, DK11, Deh90, El07, Gro85, HK08, HA05, Kri91, Lee91, LC13, Line05, MM07b, OT86, PL87, PR13, RR05, RLH03, SI86, SI89, SM89, ShL+13, SKK91, ST85, SAJ13, SE15, SHRM19, TR08, TDAR18, WIR+18, Wiz92, XP10, YBM13, LTKS90].

**Processor-efficient** [LS91]. **Processor-embedded** [CkLCK04, CkLCK05]. **processor-in-memory** [HA05]. **processor-node** [TR08]. **Processors** [CMS92, DBKF90, GR96, HAG97, HQPT99, HBH93, JR95, LPU97, MP96, AR17, AjHeC90, BM17a, BD05, Bat05, BB85b, BR91b, CBM+08, CN14, CCK11, CHL18, CKK+13, CRSB13, CK91, DGD+17, DPRW85, DWYB10,
FSP18, IC05, JJ12, JHF$^+$17, JZF$^+$15, KK88, LV15, NS12, NZ17, PK89, SPC$^+$17, SNMB16, SC91a, SP13, XTN12, ZXB14. producer [KK11].

**producer-consumer** [KK11]. **Product** [AAD02, AFG$^+$19, GE94, MSC96, CI03, Dim04, Dja06, ISAZ07, ISAZ10, JD12, MSAZ11, ST85]. **Production** [BBD$^+$91, HKT$^+$91, KM91, KM92, Nie94, Sch91, DM90c, GF89, HS86, SM86, TDBL13]. productivity [VFAD17]. **Products** [ANS97, WLD00, CP10b].

**Professor** [Ano04r]. **profiles** [YWAT13]. Profiling [BST01, KC17, uRIL$^+$18]. **Profit** [LWZZ12, AM06, KSSK16, LLCZ19, ZV12].

**Profit-driven** [LWZZ12]. **Program** [BDF92, BE95, DBP94, DD95, ERL90, Fer92, FJ93, GSG$^+$93, LSCA93, LMCF90, LAS$^+$97, MDD97, Mi93, NBM93, PP96, PS01, RRS$^+$08, SH92b, The02, WF93, YB01, ZYH94, GJG88, Kan05, RM90, ESA03]. programmable [AC89, HHA14, MM07b, PYP$^+$10]. Programming [AT94, AM93, AB84, BK95, BJ99, BCD95, Bal90, BB93, CP97, COV13, CCRS92, CCC92, CEF$^+$95, CBdCD00, CJ99b, DRR13, FC95, Fre96, FBDc99, GPP94, GW96, GAG$^+$92, GLC01, HR00, JW94, JRR99, NT90, PA94, PM96, RAS96, SSOB02, Sn95, SC95, VBF13, VFAD17, ZZZ92, AE88, AB13, AJG18, BAMA05, BYG$^+$18, Bog17, Boz09, BHS13, BLZ$^+$18, CK88, CCC$^+$04, CTS17, CCE$^+$17, DRT07, Ej18, EE05, EC89, ESA03, FGcF17, GL89, Hdr13, HSS17, IEW17, KKVI05, KSC13, KZ11, Mss88, RK18, RSR04, RR05, RSW91, SSDlB$^+$10, TFMS15, YQTV12].

**programming-based** [KKVI05]. **Programs** [AH94, BB93, BCR96, BLG01, CMT93, CDY97, CGL$^+$95, CMS92, DR98, dADB96, ERA95, Fah96, Gup92, GHJS96, HLJ01, Kar92, KY96, LP97, Lun94, Lmn99, Mah95, MI92, QZ94, QI96, RJA97, RW93, SKR93, SG93, SSSH00, SK93, TR96, TG97, YI96, ZN01, ZH99, Ay09, Bic09, CAC16, CAX13, DeG88, DMG18, FLKB08, GO016, HK08, HS03, LPK$^+$10, LC91a, LC92, LZZ$^+$11, McD99, NCT$^+$07, Nic07, Pop91, SCM13, THSS87, YDTZ18, ZXB14].

**Progressive** [RGS00, YIY97]. **Project** [BSH15, FCO90]. Projection [AAP01, HSJP87, FGL$^+$11, NCA$^+$12]. Projection-Based [HSJP87].

**projections** [KM03]. **PROLOG** [SS97]. promoting [ABC07]. **prone** [DDG$^+$17, GK15, MFVP08, OWK14]. **Pronto** [PF08]. PROOF [YJB91].

**proofs** [AP16]. propagated [SHK19]. **Propagation** [CDP95, DF94, AAFV04, BEN12, CKN07, CDB04, KMMZ06, PLR07]. Propagations [WD92]. proper [NGQM12]. **Properties** [BR95a, CW01, DC94, GK93, KAM94, YN92, NS90, PL06, WMY$^+$17, YDTZ18]. properties-aware [WMY$^+$17]. property [PB09]. proportionality [KR12, KCR14]. **Proposal** [HPT$^+$97, ESGQ$^+$14, NKK16, VO89]. proposals [RFPAG08]. Protecting [SY04, LZSL06]. protection [DHS06, Lop13, Lop18, YGZ$^+$10]. protein [FGZ03, GZ08, LYL08, LVB07, Ngo06, WDS$^+$18, YL12]. **Protocol** [BMMS01, BH17, CKL99, GRS97, GS96, GS01b, HP00, KUFM02, KB96a, LL98, Seh95, The02, AM13, ARD14, ALF03, BDM18, BOY10, CL03a, CCHC09, CS08, CS09, CH05, EBE08, Eri88, EDH$^+$17, GCS06, GZY14b, HLS12, HZDP12,
LS06, Lun90, LM09, MCdS+06, MAGL13, MPG17a, NPGV10, NSA11, PGs06, SMPMLVLS11, TLY12, WCCH18, ZP06, ZWS09, ZLCJ12, SJS11.

Protocols [AS00, DS95a, Dah99, Dol97, DSS95, GS00, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJL18, CXY14, CB06, CDAN14, FW05, GS03b, JBY+05, KLP10, LPX05a, Los08, MAM05, MMCL+17, MS15, OSL05, RFS+12, Seb91, VA03, WTC08a, WTC08b, WCYR08, mYA91].


providing [Zah12]. provisioning [SHSH17]. protocol [AS00, DS95a, Dah99, Dol97, DSS95, GS00, HNM02, KCDZ95, AP03, BW89, BSW07, BPA06, BJL18, CXY14, CB06, CDAN14, FW05, GS03b, JBY+05, KLP10, LPX05a, Los08, MAM05, MMCL+17, MS15, OSL05, RFS+12, Seb91, VA03, WTC08a, WTC08b, WCYR08, mYA91].


QAP [BMCP98]. QC [ACYS08]. QC-2 [ACYS08]. QCD [IBP08]. QoE [KS18]. QoS [BOY10, CS08, CKML12, DMB+03, DÖO6, Kim11, Kim17, KKK+11b, LL07, LZZ+11, MS00, NP09, YO00, SJB12, SA19, TBHA07, XY+07, XG03, YZL08, YJ+10]. QoS-aware [CKML12, LZZ+11, NP09, YJ+10]. QR [Kau94]. QSM [RGD03]. Quadratic [Cza13, WNA+94, MP88]. Quadrate [MD92]. Quadtree [IK93, WF90]. quadtrees [HR89]. Qualitative [Buc92, WMY+17, WTY+18]. Quality [LAZC00, NZY+11, AH11, AH12, DV13, FC14, LNA12, SS08]. quality-aware [AH12]. quality-of-service [LNA12]. Quantifying [AAVF04, FX10, LDCZ97, Nik03]. Quantitative [Buc92, NBM93, YZW+15, GXYZ13, KC17, MMAL+06, WMY+17, WTY+18, ZI08]. Quantization [AFG+19, ZCK+02, Nic88]. Quantization-based [ZCK+02]. Quantized [FKB17], quartet [SPvH03]. Quasi [AB05, Nik04]. Quasi-perfect [AB05], quasi-threshold [Nik04]. Quasirandom [Bro96, CJ07]. queens [AY89]. queries [BBCQ13, CI86, LSZ+15, LKB+15, PAG+18, RHL08, SSKS11]. Query [AyJ93, CS95b, DM92, HASB16, SK90, PRP09, CHLL18, GB11, JHL+18, KSI04, KKN13, LL18, NSA10, SCL10, SJG19, WL10, ZHT16]. Querying [TT10, DTK11b]. Queue
[BTZ98, CLT96, Joh94, RO92, Che90, CP04b, ESGQ+11, ACYS08]. queued [PY09a]. Queueing [dG91, HM06, KS03, MGRRK14]. Queues [BM97, BCLR96, Kop97, PD92, San98, ACH18, FC90, ST05]. Quicksort [BX93, CV91], quiescent [MRRT07]. Quorum [NM02]. Quorum-Based [NM02]. quorums [BJPPM+08].


randomization [CJ07, FII04]. Randomized [AFM09, BDF01, CDCD05, HBJ98, HT06, LW06b, MVM04, RR95a, Raj96, San98, Vis97, Bad04, DJT03, SK05b]. Randomly [SS96]. Range [SIR92, GB11, KKN13, MKM16, PAR14, TDC05, YWAT13]. range-free [MKM16]. ranges [CHCG18, CYZ06]. Ranking [SGS99, AAD03, Vis87]. Rapid [PRHB06, CL85, XSYG18]. rapidly [Li10]. rare [BV93]. raster [Wri91]. Rate [MO97, OJP+18, RGS00, UD96, AGWY11, GA18, Hs11, KHK18, MAHKZ12, SCW+18]. Rate-based [OJP+18]. Ratio [MO97].


Reachability [CCM01]. reaction [XLHT13]. Reactivation [CW93]. Reactive [DLS00, OOSGVG+16, HPT07, NPGV10]. Reactor [KK08]. Read [IRRS16, AM12b, CH06a, CG10, GNS09, IR12]. read-dominated [AM12b]. read-modify-write [CH06a]. read-write [CG10]. Read/write [IRRS16, GNS09, IR12]. Reader [JBP00, HV09]. readers [FKKK16]. reads [SPRG+12]. Ready [JM00]. Real [AAL95, AK93, Ano92c, BJPG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, Lee03, LTY96, LM96, LML+10, MMRS98, MMVR97, Moh97, MSST99, OYO0, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, AOSM04, AOSM05, BW08, BVGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, EDÖ05, FSP18, FC14, GGZ+17, Gos90, HOVC09, HA06, HV13, HL07, JLWX11, JZZ+17, JHL+18, KK17, LHK03, LZY09, ML0G12, MAM05, MAKWZ13, MVP17, NA06, QJ05, RLH03, SA19, TZH+06, WL05, XO05, ZZJ+18, ZHH15, ZB03, ZQMM11, ZHLQ12]. Real-Time
[AAL95, AK93, Ano92c, BPJG92, BA96, BA01b, CS93a, Cha94, DJ98, EMP+96, GMM00, JH92a, KS97b, LTY96, LM96, MMRS98, MMVR97, Moli97, MSST99, OY00, PS93, RDS02, RU99, RAS96, STN92, THBF97, WLID02, Zim96, van96, Lee03, LML+10, AOSM04, AOSM05, BGV14, BDGR13, CCK11, CRJ10a, CRJ10b, CCN06, DKRC+15, EDØ05, FC14, GZG+17, Gos90, HOVC09, HA06, HV13, HL07, JZZ+17, JHL+18, KKW17, LHK03, LZCY09, MLDG12, MAM05, MAKWZ13, QJ05, RLH03, SA19, TZH+06, WL05, XØ05, ZZJ+18, ZHH15, ZQMM11, ZHLQ12]. realistic [KNS06, SJS11]. RealTimeTalk [EMP+96]. rear [CXQ+18]. rear-end [CXQ+18]. rearrangeability [DD96]. Rearrangeable [CS93c, HJDH01, FY86, Pak89]. Rearrangement [BVB02, GL92]. Reasoning [PS88, Ste95, eW95]. recall [BGBC+16]. recipients [Ros07]. reciprocal [SL90]. reciprocity [HBF12]. Reclaiming [GMM00, MMVR97]. reclamation [HMBW07]. Recognition [BMRC99, RGU08, SP96, WPKK94, CNLGL18, CWZ+18, LO91, PD05, RK18, SZR+18]. recommendation [COF+17, LMXJ18, WTY+18]. recommender [HWL18]. reconfigurability [ZXYO11]. Reconfigurable [AT94, BAGS95, BSDE96, BBR94, BM97, BA95, BG05, COS+95, CGG+09, DS01, EL97, EHI01b, FZVT02, HQPT99, HCWS94, JP95, JS94, JB98, KF90a, LS95, LPZ99, LR93, MD01, MG93, MT97b, Nak95, NS94, ORWT+18, OS96a, TVS97, TBPV00, WHT00, dr09, AM13, AHA+16, BM04a, BPP05, CDJ+89, DS04a, FX06, HLQ18, HPSM91, Lla17, Mat06, MP08, PPP14, PVG09, SJ89, SL89, TRSS06, TJCB10, WJD91]. Reconfiguration [CGA98, QMCL94, UR94, YTR94, BAPRS91, DMG18, DBLB+12, HBS17, JWSG14, LBMG15, LIH+16, FSPR05, ZBW+17]. Reconstructing [BDG+15, OOW95]. reconstruction [BDRB14, FCG04, FGGO8, HES10, KM03, OGRV+12]. reconstructions [SHT+08]. recoverable [ZSCX18]. Recovery [CP01, FCFO0, JF95, LY10, LS01, MFS93, BG05, DW03, MM04, MM06, MS02, PG06, TTH12, ZWY+15]. rectangle [Deh09, LV88]. rectangles [KF05a]. Rectangular [CWOW96, DJ04, SBG+12]. Rectilinear [Nic94]. Recurrence [CP94, Car90, MP87]. Recurrences [BCZ95, GP94, NCTT09]. Recurrent [WT92]. Recursive [CW01, CB95, CTZ99, GHSJ96, KC99b, Lee94, LT07, RS92b, SC99, ZYO02, AKDMN15, ERS90, MM15, SMKL93, DC94]. red [BE13, DMI+19]. red-black [BE13]. Redaction [SWC+91]. redirect [ACC012]. Redistribution [PT97, RS96, BB+06, GP05, KNNH18]. Reduce [KLS90, SD99, CRD12, LMGLGL17, LMR05, LMS90, MP08, PY09c]. Reduced [AP94, CC87, Gro85, HJ90b, LC13]. reduced-instruction-set [Gro85]. Reducible [DH94]. Reducing [BCM87, BD04, FG05, GS00, IHI16, PB90, SS93, AS18, CK13, CX05, RWB+13]. Reduction [PA97, RJJY96, SS93, SM92b, BV13, BW18, Li17, LS88, Sch87, SPP13, ST08a, YAK15]. redundance [BM17a, RMHR17]. Redundant [CTK11, MT93b, MFS93, MFS96]. ReduxSTM [PGRP17]. Reevaluating [SC10]. Reference [KS00, CH06a, FP06, SPRG+12, WL92]. references
Refillable [ALH+09]. refined [Mit07]. Refinement
[FLS+07, NA02, ASC+18, DAB+14, GA16, GNZ18, 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]. regressive [KBC19]. Regular [KBG92, NIR86, SZB92, SS92, SS95, TC96, TL96, E07, Hal05, Lee90, Li10, WG08].
Regularizing [SSKC¸15]. Regulated [PD92]. regulation [RSCQ17].
reindexing [DQR09]. reinforcement [HHK15, OPR18, TXLL14, XRB12].
ReKonf [PPP14]. Relabel [AS95]. Related
[Ann94, Do97, JR92, Man94, MS99b, OD95a, BBFN12, CMPS18].
Relating [TJCB10]. Relation [HCR12]. relational [TR16]. Relations
[OO85, CG86, CC87, KLP10]. Relationship [MDD97, XS11]. relationships
[CRWX12]. Relaxation [MHC95, Tor89, ATDH13, RS08]. Relaying
[KKW17]. relay [LR03a]. relaying [TBHA07]. Release
[KCDZ95, LTWY95]. Reliability [BDGR13, GP93, GST09, HHC98, MT39b, TLLV10, AH06, HHH15, JST12, KWH13, SM09, JQ05, TLQS12, TTH12, TY09, VRM10, WWW17b, WWY+18, XS11].
Reliability-aware [TLLV10]. reliability-driven [QJ05, TLQS12]. reliability-oriented
[KWH13]. Reliable [AHH17, BG05, DM09, GS01b, KGNI98, LHP07, MPS16, Tze93, AA16, ACPT15, HOVC09, KLS04, KL05, MK08a, MRRT07, OWK14, ZW13, DAPR18]. reloading [BBS13]. Relocation [YCY+00].
ReLog [ZTGL17]. Remapping [OR97, ACFK07, FXW03, YGZ+10]. Remappings
[CA96]. remark [PMV06]. Remote [DM99, KS00, PLK+18, WM04, BVGV14, BBB+06, CH06a, Lon04, MS05, WGCZ09, ZWR07]. Remotely
[DSAUM99]. Removal [KK95, SSL04]. Renaming [Gil94, AP16].
Rendering [Tay02, WS97a, ACFK07, FLL14, WJ07]. rendezvous
[DJH11, MP15, PBS04]. renewable [AK18]. Rent [Oza04]. reordering
[LMGLGLG17]. Repartitioning [MNM98, PP06, SKK97, CBD+09].
repeated [JTC+18]. Replacement [CKL99, BV13, YCC05]. Replay
[ZN01, NRM+09]. Replica [RAB08, GM14b, WLL08]. Replicable
[AMM+18]. Replicas [HJD+01, TR16, ZWS09]. Replicated
[JSN94, L096, RJKL11, STA12, ASB18]. Replication
[CA95a, JRR99, L99, MD13, ARDQ18, BCC+18, DS04b, KA08, KR12, LA04, S09, WW12, WWW17b, ZWL03]. replication-based [WWW17b].
replications [ZV14]. Report [FC090, SAB+92, KUM17]. repositories
[KUA07, VLG+18]. Representation
[CJ99a, TLLW94, C3JY04, EHS94, JZ05, V089, WF90, WTR91].
Representational [Ebe94]. representations [BHR91, NCTT09].
Representative [BW96]. representing [BR91a, NAK04]. reproducible
[PK05c]. Reproducing [CMPS18]. reprogrammable [LLY15].
reprogramming [MAGL13, ZTGL17]. Reputation [HBC15, LS10, SL06].
reputation-driven [LS10]. request [XHY07, ZV14]. requesting [XO05].
Requests [TSC01, BPRG04]. Require [AF17]. Requirement
[DDD98, HV13, WW18a]. Requirement-aware [HV13]. Requirements
[CZPP16, DÖ06, MVM04]. rerouting [JWSG14]. rescue [WWA+18].
Research
[Ano01-34, GLW14, Kum17, MLZY17, WZ13, Hua17, Lan09, LZ11, PGS17].
Research-oriented [Kum17, PGS17]. reservation [RKK06]. reservations
[CRH11]. Resetttable [AKD06]. Resetting [YH97]. Residual
[DRR96, SR95]. residue [DPRW85, PH16, Tay87]. resilience [WXZ05].
resilient [DFHH13, LAGK07, TKKH17]. RESILIENT [ZPK+14]. resizable
[SR16]. resizing [CPLY18]. Resolution [YB95, GOH+13, GE85, LJ05].
Resolution [YB95, GOH+13, GE85, LJ05].
Resolving [LKK94, Zha11]. resonance [CCN06]. Resource
[AB84, BVGV14, BMF05, BSH15, BKK+11, CKK00, GMM00, ISAZ10, KM17, MMVR97, NSTN91, OM84, RDS02, RSN01, SM94, SZMK13, SSVC10, YT05, ZAB18]. Resource-constrained [VMMB10]. Resource-efficient [SZMK13]. Resources
[HS94b, ASKO16, AM06, AM07, AM11, CFI+18, LKM12, LZI+11, LDP+14, NVK+11, NSDZ18, NAK04, SSM+06, SSM+07, YZS15]. respectable [GHK+12]. Response [TPS+18, DHK04, HPB+10, VA07].
Restart [LACJ18, NC13]. restarts [GK15]. restoration [UAPM07].
Restricted [Fra92, MSSE02, BS03, BHM08, DeG88, JZF+15]. Restrictions
[Li92]. result [Lon04]. resultants [Eme13]. Results
[IPK85, Sch91, SH92b, BR95b, HSH10, SZ03]. Retargetability [MB96b].
Rethink [WW18a]. Retraction [PCX+14]. Retrieval
[AA93, CLV95, KTP17, KV88, Lon04, SSM+17]. REU [Hua17]. Reuse
[BC11, CCHC09, DSEP17, DM1+19, DK04]. revealing [AF17]. Reversal
[NTA96, Ede91]. reversals [BS03]. Reverse [LP97, JXW06, NMN+14].
review [ZGJ+18]. Reviewer
[Ano08, Ano09, Ano10b, Ano11k, Ano12n, Ano14g, Ano15k]. reviewers
[Gra10a, KL08a]. revised [KP17]. revisit [LLS07]. revisited
[DJ16, GDP08, GXY13]. Revisiting [MR09, SPH13]. Reward
[SM92a, CMT92]. rewarding [CFT+18]. RF [UM17]. RFID
[CRK+09, CL09]. rhombic [Wil90]. Riccati [MV94]. Rigid [JBL02, LF03].
Rings [BA95, CMS92, FFK97, Goe94, GH96, HJD+01, MBK+92, ZBH, BG86, LLKY13, LLDL15, MM04, PV89, RM10, RKS87, YCO4, ZWS09].
Rings [DVZ96]. Rings
[FKSW97, GR96, KY02, KUFM02, LHS97, LSC00, MS94, Man97, YTR94, CL91a, FKK+04, LC92, LW06b, PR12, SMO+18, Sil90, Tsu07, WT09]. RISC
[HC91, LPU97, MSC96]. RISC-based [HC91]. RISE [AZW13].
risin [ORR03]. risk [FGL+11, PVRS17]. RMF [YT05]. RMI [CCK+08].

S [AGWY11, ASST05, BPJG92]. S-Nets [BPJG92]. SABA [ZVL15]. sacrificing [FKKR16]. Safe [FM99a, MS98, CDD+15, HV09]. safety
SAGE [Num09], salesman [WMG13], Sampling [OS96a, SS92, BBB11, SMP15], SAMR [CP05, LTL06], SAN [SM92a], SAN-Based [SM92a]. sandboxing [SFEF06], SAT [SHA17], satellite [TZH+06], Satisfaction [GHH92], Satisfiability [Soh96, Joh89], Saturation [Tze91], SAUCE [HSS17], save [FKLB08], Saving [DKY01, SSGZ13], Sawchuk [Ano93e], SBCI [AS19], Scala [GKK+13], Scalability [AFT+00, BCV94, BP01, DVW94, KS91, KG94, MR94a, PTK+13, QZ94, SSRV94, Sun02, ZHY94, ZFS07, dSS11, CLG+16, CSW08, CP10b, GA16, KR06, LdPLC+19, CLG+16, CSW08, ZMPE00, ZB09, ZXMR18, ZLS17, AKDMN15, ACPT15, ADDB18, BGM+08, CGL+14, CS08, CAK13, CJ17, CD95, DKKV15, DS04a, FPPS12, GZ08, GM13, GRZ+18, GREC91, HSY10, HWC08, KHT+14, KCFP18, LHK03, LZY11, LC07, LB09, MK08a, MVP17, NKK16, ND12, RBOH+18, SSTP09, Ter16, TCH12, WJ07, WCEA10, XCL03, XJS03, YQTV12, SLG18], Scalar [VH93, SKH15, Sol13], scalar/vector [Sol13], ScalaTrace [NRM+09]. Scale [ABDS02, BMCP98, FZVT02, GK93, IHM94, KL84, LK98, MYM10, OK01, RFM94, VN93, AGF+19, ACCP12, BM16, BMB+08, BCC+18, BMF05, CC16, CLOL17, DB11, DBCF13, DLW+12, IEWK17, KESA07, KSSL16, KBC+10, LGZ+10, LYL08, LZY11, Luc18, LWCG14, MBMC19, NAB+11, PTZ06, RW02, SFT+13, VM03, WCWO17, WNL06, WBRT13, XHY07, YZV+15, ZV09a, ZVL11]. Scale-free [MYM10]. Scaleable [BMRC98]. scaled [KNHH18], scaler [VD18], scales [PLK+18]. Scaling [CVK+18a, SSS07, TBPV00, YFS+15, FKLB08, FZ14, Num07, VD18, YÖ11]. Scan [KB96b]. scanners [CCN06]. scatter [BM04b, LMR05, dSAJ15]. scatter-based [dSAJ15]. scattering [DB86, LPLFMC+12]. scatternet [SLWW05]. SCC [LTG14]. SCFN [SLW10]. scenario [DBW+18], scene [OGRV+12]. schedule [KSG03]. Scheduled [LB90, HA06]. Scheduler [NPP+02, HDJ08, HHA14, KS03, LS10, LB09, SCG10, ZLWZ18, MSK+16]. Scheduler-Activated [NPP+02]. schedules [CDR12, Dja06, DQR+09, ZXYO11]. Scheduling [AGF94, ALL09, AMN00, AGG98, AS97, AYIE98, AKPT99, AjHeC90, BPJG92, BD05, BPN90, Bec96, BD11, BCLR96, BSH15, CDY97, CL91b, CLL09, CJ99a, DA97, DR95, DDD98, DP99, DS84, DAYA02, DÖ06, DJ98, ERL90, ERA95, FAGW95, FVLB09, FR92, FR96a, FKSW97, Gai90, GR96, GY92, GM99, HO94, JSCB95, JSWB92, JR95, JZF+15, KS97b, KB96b, KA97, KA99, LPU97, LYE02, Lun94, MMRS98, Mah95, MD13, MSD+95, MSSE02, MYD95, Moh97, MSST99, NSSS99, OH02, PKN08, PR12, PAM94, PS93,
WGC09, WWA+18, YF09, Zep91, ZCS+18, ZH07, CB11. searchable [WCCH18]. Searching [NBP98, NSM98, SH97, SGAC14, BA06, KIH15, LTWW12, Sch89a]. secondary [BLZ+18]. Section [Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, PRN+19, ZHT16, ZBR11, GTGLSA12, JZZ+17, KTP17, LAK10, LLW12, REK10a, REK10b, SSX14, Siec16, WCCH18, ZSCX18].

Securing [SL06]. Security [BKT95, CPA+11, PRN+19, ZHT16, ZBR11, BK18, GTGLSA12, JZZ+17, KTP17, LAK10, LLW12, REK10a, REK10b, SSX14, Siec16, WCCH18, ZSCX18].

Section [Seb95]. Sections [BW96]. Secure [BKT95, CPA+11, PRN+19, ZHT16, ZBR11, GTGLSA12, JZZ+17, KTP17, LAK10, LLW12, REK10a, REK10b, SSX14, Siec16, WCCH18, ZSCX18].

Selected [Ben15]. Selecting [NGQM12, SSZ93, KERUM04]. Selection [JK00, JK96, PT01, Raj96, RW97, RCY97, Raj01, SH97, SB02, VS99, WSA+94, WRC+02, Bad04, CKML12, DMJ+19, EDÖ05, GM14b, KHN17, LZY+18, LCJ+18, LGK+12, MLZL16, RH05, RAB08, RD05, RTZ11, SSS88, WLST16, CTC11]. selection-based [EDÖ05]. selections [JW89]. selective [SSG18, XYG07]. selectivity [CTT16, GÖÖ16]. selectivity-driven [CTT16].

Self [Ano02u, AS96, ABZ95, BGJD02, Bec96, BBCD02, BAGS95, BPPR11, CDD+15, CW05, CT04, DB08, Dol97, DPBNT12, FZ14, GH02, GS03b, HPT07, HPT02, HMN02, JMJ14, KY02, LLLC15, Lla17, MM07a, NM02, PK05c, SZB92, SEP96, ASKTZ13, BFG+03, BBS13, BBD18, BR91b, BFKP04, BZH06, CDDL10, CAK13, CRA+08, DLV11, DJ16, GK10, IZ12, KO11, KO90, LBMG15, LHX+16, LSH+13, dAMFds13, MYM10, MC91, NJ91, PPTV+10, SLWW05, TWQS12, Tur12, WRW13, ZBW+17].


Self-Simulation [BAGS95]. Self-Sorting [ABZ95]. Self-Stabilization [GH02, HPT02]. Self-Stabilizing [Ano02u, AS96, BGJD02, BBCD02, Dol97, HMN02, KY02, NM02, BPBR11, CDD+15, CW05, DB08, DPBNT12, GS03b, JMJ14, MM07a, BFG+03, BBS13, BBD18, CDDL10, CAK13, DLV11, DJ16, GK10, Tur12].

self-tuning [HPT07]. selfish [WGS08]. Semantic [FKJG08, RHL08, SLG+18, CM93, EHL+15, KLJ+11, LR05, LKB+15, MLZY17, MYY+17, MA11, NSAS10, ZHS07]. Semantics [JK89, HK05, MTL+18b]. Semi [DS04b, ZXS96, CTT16, KMS06].

Semi-empirical [XZS96]. Semi-passive [DS04b]. semi-static [KMS06].
sensing [GDCC18, HP06, ZRN+14]. Sensitive [VR95, Ano04d, CP05, GS03a, GC07, Hu11, JL11, NLB+18, OWK14, PFJ04, 
RGC+11, SRT+18, WCXL11, YK04, ZZJ+18]. Sensitivity [HJ09a]. Sensor [KSI04, LDZ+14, LDP+14, STN92, THGY15, ASM09, Anm16, AHG12, 
Ana14, AMT13, AYB+15, BXA08, BWP+11, BOY10, BPA06, BEN12, 
BJL18, BZLI04, CCW14, CKN07, CRWX12, CDR09a, CDR09b, CT04, 
DW06, DLLL11, DGBN14, DJH11, DKM10, DFP06b, DH04, EM11, ECP+18, 
GHY10, GDP08, GGY+14, GZY14b, GM14a, HZA+15, HMV07, 
HS12, HP06, HZDP12, HJLR12, IB04, JF12, JLY12, JBS14, JHPL13, KKV105, 
KSSL16, KOA09, KO11, K012, KKKP12, KKTZ13, KGN11, LDZ+17, LY10, 
LL12a, LL12b, Li14, LLB+18, LU14, LLW07, LZC11, LDS16, LWL18, LHLP, 
MAGL13, MSM09, MYM10, MBMC19, MK08b, NSA11, NC09, OMSGNSG05, 
PFJ04, PLY15, PCX+11, PCX+14, PLR07, PB09, RM10, RM11, REK10a, 
REK10b, RLP14, RB12, SCN12, SS08, SZMK13, SCLL10, SJS11, TBHA07, 
TLY12, TDC05, TCS+10, TWQS12, Udd19, VRM10, WW07]. sensor [WMW09, WL11, WL10, WWA+18, XCLR07, XQ04, XHZ+10, YPgyLc13, 
YDZ+18, ZW11, ZSCX18, ZTGL17, ZC04, dOBG+15, OEY07].
sensor-actuator [KKKP12, SCN12]. sensor-based [Udd19]. 
Sensor-centric [KSI04]. sensor-cloud [LLB+18]. sensorial [VO89]. 
sensors [AKBD10, AD10, BFKP04, Cal06, CJDC10, DWX10, REZN17]. 
sensory [HRM17]. sentiment [XLW+18]. separable [MRT18]. 
separating [HSS10]. Sequence [JP09, Zak01, AFM03, BBM08, BCF14, BW09, BFKW13, BMARW07, 
DKKV15, FCS91, JV09, PT06, SPRG+12, SMB10, SRT+18, TMM06]. 
Sequence-preserving [JP09]. sequencer [BCM06]. sequencer-based [BCM06]. sequencers [HC05]. Sequences 
[Swa98, TR96, BNR16, CJ07, LV07, SK09, Sei05]. sequencing [CRL04]. 
Sequential [KF05b, LWC+18, BFTV87, Fen90, SBC12b, SLKK13, ZXB14]. 
sequentially [HK08]. Serial [EMMM94, MT97b, BOI91, CR91, CL90, SD88a, SI91]. serial-data [SD88a]. 
Serializable [Sch91]. serializing [HHS12]. Series [CA95a, LLB+18]. 
Series-Parallel [CA95a]. Server [ALL99, AYI97, CM92, GM99, HBCM99, JSCB95, RU99, HC09, JTTZ11, 
OS04, PM05, TBZB05, WLWW09, WSLC11, WLZ+18, ZVL11, ZCS+18, ZI08]. 
server-side [ZVL11]. Servers [FM99b, AAA+10, Bar05, BPRG04, CSWD03, DLW+12, KC08, LY12, 
LYW+16, MZZC12, PSSP05, Wan06, WDDK09, ZWL03]. Service [BK18, CTT08, JRR99, LAZC00, RGVB00, AFB+14, BYT19, CCA18, DB08, 
FZ14, HOE+09, JM14, KMMZ06, KKKP12, LNA12, LC07, LB18, MHLZ16, 
MXSL12, MCZ14, N09, PY09b, RA11, SB12, SFEP06, SMB10, SSVC10, 
TR16, TKR+19, WMY+17, WTY+18, WYW+18, WS06, Yan09, YHY18a, 
YHY18b, ZI08]. service-aggregate [Yan09]. service-based
Service-oriented [CTT08, SFEF06, WWY+18]. Services [ZR00, AFG+19, AK06, AM07, KSSK16, LCC+05, LWZZ12, LMXJ18, MCP+18, SCW+18, Suk18, XJS03, YWD08, YAK15]. Session [LAK10, MZZC12]. Sessions [ZR00, AFG+19, AK06, AM07, KSSK16, LCC+05, LWZZ12, LMXJ18, MCP+18, SCW+18, Suk18, XJS03, YWD08, YAK15]. Set-Based [BCD95]. Set-distributions [Nic07]. Sets [AAP01, CGL+95, EP90, GT97, Pov99, XMMD17, FSV14, FSV17, KCR14, Lon04, MP08, PK07, SW18, SHC14, YYW12, dOCS14]. Setting [Li19]. Several [CP92, MCAS12]. Shader [PYP+10]. SHadoop [GYY+14]. ShadowObjects [JRR99]. Shadow-sort [SSM89]. Shielded [CWCW18]. Shifts [OP96]. shop [Boz09, DBA+18]. 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]. Shot [TRS+12]. shrew [CH06b]. SHRIMP [BF97]. shrink [REZN17]. Shuttle [BAES92, JH92b, Pad93, PA97, JT88, Var91]. Shuffle-Based [Pad93, PA97]. Shuffled [KM17]. Shuffles [Ano93e, CS93b, CS92]. shuffling [BBB11]. side [CK88, HA05, TC04, XCHO8, ZVLI11, WW+17]. Sided [ZB97]. SideIO [WWH+17]. SIEVE [SG93]. SIFT [LJZ+19]. sign [PH16, RK18]. Signal [RTCG91, SH00, THBF97, BAT+19, WW07, XQ04]. Signal-processing [RTCG91]. signature [WML+18]. signature-based [WML+18]. Silence [DKY01, FJ93]. Silent [DJ16, BCC+18]. Silicon [SDS+18, THN+93, HRG+11]. SIMD [AB93, BAES92, Che05, CP94, CD95, FAGW95, GGW96, GSSW04, HCS+00, HCZ04, Ho91, IK93, IKS87, JMS86, KNS91, KLS90, LWOG02, ML89, NT93,
Nas94, RS96a, RS90b, Ren11, SI91, Ume85, WSA+94, WLR90, ZLRP91.


Simulation
[ABDS02, Ano92c, Ano02v, AS91, AB93, BAGS95, Bout02, Cha96, CZPP16, DMSH90, DS93, EH01a, GGN93, JD02, Lin93b, Lin93c, LA93, LCC02, MHF93, MRR+02, NH93, Pra93, RSD94, RS92d, SM96, SH92b, SSRV94, SS93, The02, ZL93, AZW13, AZC13, BBH+17, BM04a, BD04, BAL05, BMF05, CGL+14, CvdBL+08, CTCX08, DAG+17, FGM+03, FCG+14, GRR+05, HDT+05, Koc91, LVR90, MAT06, NSKN17, PARB14, PLD14, PTK+13, QS05, RW02, Rao16, WB10M09, WF89, ZZZ90, ZCK+02]. Simulation-Based [RSD94, SSRV94]. Simulations [ASR93, Ger98, GM94b, HP95, KP00, LHM95, NM95, PAH+98, RPS93, AM12a, DB11, FC14, FI04, LTL06, SDG08, SM04, VBDR13]. simulative [HW03]. simulator [CZPP16, DOC14]. Simultaneous [CW93, ABC+09a, BPRG04, Che90, FC90, LY10, MR09, PTZ06, SLG06, WIR+18]. Singhal [Ano96]. Single [ALL99, HLB16, JBP00, MWL00, TCO0, KNHH18, LPLFMC+12, RFS+12, SSFP11, SPC+17, ZCS+18, PR13]. Single-Chip [FR13]. single-hop [RFS+12]. single-ISA [KNHH18, SSFP11, SPC+17]. Single-Source [TZ00]. Single-System-Image [MWL00]. Singular [Bai94, HBH93, PE93, Luk85]. Sink [THGY15, LLDDL15]. sink-location [LLDL15]. sinks [RB12]. SioT [SA19]. SIR [ZXGD18]. SIR-based [ZXGD18]. Sisal [FC090, PAM94]. Site [MFS96, WXZ+18, LFH+03, Hua17]. situation [HRH18, LR03b]. sixth [Arg89]. Size [COS+95, CL96, AST12, ASC+18, CV90, EB13, GSW04, JM14, LH90, LCJ+18, NW88, OS04]. size-independent [EB13]. sizes [GPT06b, SMT15]. Skeletons [GSP02, Sk96, BR08, MPS16]. Skew [SYG92]. skewing [TW89]. Skinny [BDG+15]. skyline [SCLL10]. SLA [ATZ07, AM06, RT18, SMW18]. Slack [KR10b, FKL08, KR10a]. Slackmin [PDF17]. Slant [ESTA94]. slave [LZ05, YH07]. Sleep [YZX11]. Sleep-aware [YZX11]. sleeping [GDC18]. sliced [KRL87]. slices [DESP17]. Sliding [OS98, MTL+18]. sliding-window [MTL+18]. slimmed [YMLP14]. slot [PLY15]. slots [ABBD14]. Slotted [HQPT99, MSST99]. Slow [HZ+15]. slowdown [MZZC12]. slower [STKW12]. Small [CDH84, CTKA17, GA18, HBS17, JM15, LH04, MAGL13, MSZ05]. small-large [CTKA17]. small-world [MSZ05]. Smaller [HH01]. Smallest [Wu02, ASC+18]. Smartphone [ESGQ+11, HPT+97, MKC01, CkLCK04, CkLCK05, DFLO17, HRM17, HRH18, KDSS18, LLWC17, MCP+18, Udd19, YZS15].
smartphones [LM16]. smooth [ZBR11]. Smoothed
[JK00, PAH+98, CL14, VBDRC13]. smoothers [WH17]. smoothing [HT06].
SMP [Bev02, FP05, KA03]. SMPs [BJ99, BC05, BJJS03, FW05, HLCZ00].
SMT [ABC+09b]. SMT-based [ABC+09b]. Snap
[BDP16, DDNT10, ADD17, PV07, FGcF17, MT85]. Snap-stabilization
[DDNT10]. Snap-stabilizing [BDP16, ADD17, PV07]. snapshot
[AEF11, IR12]. Snapshots [Mat93, AST12, KS13]. Snooping [Dah99].
SOAP [ASKTZ13]. Soc [BLMB13, RBG17, ZAAB17]. social
[CMMN10, MOPS16, RGAN18, SHK19, SK89b, WBRT13]. Socially [LMG18].
Socially-conforming [LMG18]. societies [SA19]. socket [MAJJ05].
SoCs [LZJ+11]. soft [AOSM05, BGBC+16]. Software
[AL99, CR96, CHR94, CLRW00, GKK+13, GS00, Gro85, HS94b, KCDZ95, 
Kel00, KB01, KS95, MLC+90, MG91, NT90, SG99, San95, SZ00a, TY90a, 
VSM96, XKMN94, ABC+09a, CV16, CMT92, DP16, DHS06, GS18, KG04, 
LZSL06, LKD14, NHO+13, RSCQ17, SCC+06, SMH91, ZMZJ17].
Software-Based [KCDZ95, NHO+13]. Software-Controlled [MG91].
Software-Only [GS00]. Solaris [Lun99]. solid [GFPC14]. solid-state
[GFPC14]. Solution
[DM90a, FLS+97, LF92, OH02, PW96, RW01, AY89, ANP07, Bat05, DP16, 
GA18, GS91b, HC11, KKR14, LYL08, LFGM17, WZ91, YS11, ZAAB17].
Solutions
[Ano99g, BCMV15, CLRW00, RS96b, AG86, BAH04, LZ08, OT19, TKG+17].
Solver
[BMM97, CSSY94, FKB17, ADV14, BAMM05, CVK+18a, CP10b, CK91, 
Dav17, GV66, Gao86, KKB+06, LPLFMC+12, MP87, PP13, PPTV+10].
Solvers [CHR94, CP94, MS99a, TF01, FHL+15, KR06, SHA17]. Solving
[BCZ95, Boz09, BMCP98, BSH15, Car90, CRFS94, GL92, IK94, JGMY17, 
KL01a, KBC+01, Men18, Mon94, PMV05, PDB13, QOvdG01, WM92, 
WRW13]. Some
[BDKM94, DDKM01, IPK85, KM94, Otu94, Par98, RTZ11, SI86, SZ03, 
ZO03, AG86, BS03, BDjQ86, MS15]. SoMR [CS08]. Song [Ano97k].
Sophia [GTGLSA12]. Sophomore [GAC+17]. Sort
[LJKS02, Tay02, BM14, SMM89]. Sort-Last [Tay02]. Sorted [SH97]. Sorters
[BNP98]. Sorting
[ABZ95, CQ95, DL98, FKK+04, FY96, HQPT99, HBJ98, JP95, Lee94, Lin93a, 
MP93, NS94, OS96a, RW97, SCC92, SM92, VN93, WRC+02, Che89, 
FC891, KRL01, MS88, PB90, SM89, SIO05, SA08, TW15, Ull84, ZFL89].
Sorts [ZAW94, SI86]. SOS [PP92]. Sound [DKY01, CKK+13]. Source
[AY09, TZ00, BJL18, LPX05a, LCC10, MH18, NBC+17, ZSW14].
source-to-source [MH18]. sources [AK18, Lon04]. SP [ASH+01]. SP1
[BR95b]. Space [BW96, BH93, DY99, GG01, GW99, GRS97, KM97, KY96, 
LZ02, NC97, PPSV15, RP98, SDS+18, SH98, WA02, WS97a, AD12, Ara13, 
ACFK07, BBM08, BW18, CKK+13, Dja04, HV09, KA05, LLKY13, MSM09,
Space-Based [LZ02]. Space-Efficiency [GG01]. Space-efficient [PPSV15, Ara13]. space-optimal [Dja04].
space-optimality [HV09]. Space-Time [WA02]. Spaces [RS92a, LdPLC+19]. Spanners [RL95]. Spanning
[FA95, KC98, KC99h, WB01, BFG+03, BC05, BC06, BPBR11, BBD18, BBL04, CFJW13, GYM10, tH90, HAC17, KG10, LVP08, Lin03, MKW18, OMSGNSG05, RDA18, Ten16, TDM05, WFZJ12, WIB12]. spark [ZKZF18]. Sparse [Bas97, BW95a, KK98b, Man94, MSC96, NFEG97, PR13, Shu95, UZSS96, Win85, ASA18, AAD05, ASES15, BC06, CP10b, CASD18, GMMP12, LHW14, LV15, LWE14, DB18, DT92, ES97, FTM+14, FR98, FPS11, FPS12, GC59, GMSS+13, GS01a, Gra09, Irw88, IB04, JW94, KL08b, KRS13, KRS14, KRS01, Lan09, LZ11, Las12, Lin93b, NK10, MSGS+13, Mir91, MNK12, NT90, Ola01, PN97a, PN97b, PA96, QGB+17, RLA+16, RLA+17, Raj08, Sch90, SLL18, SXZ06, SH92a, SB97, Sto90, SFC17, TH11, TFV+15, BG90b, Ty95, Wee01, XMM17, XJS03, YW91, ZO97, dVCP06, Cuz11, Gra10a, KL08a, LI11, MK14, 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+18a, CH06b, GSASA19]. spectral-screening [AT03]. spectrum [FCZ+12, GDCC18]. Speculation
[AC16, FKK16]. Speculative [RG06, MG09]. Speed
[BBH+97, Fer95, Li16, Li19, PVG09, SR91, WCY08, HP97a]. speeds
[LFS16]. Speedup
[AMB95, DBF94, FFK97, Lun99, SN93, YH07, NW88, SC91a]. speedups
[Vis87]. spikes [ST08a]. spin [AK07, FPM+14]. spin-transistor [FPM+14].
Spinning [BHK+94]. Spintronic [NKV14]. Spite [VR94, DB08]. Spline
[BNBR16, CWW+95, CY96, GM95, Meg91]. Spline-based [BNBR16]. split
[WCWH03]. split-stars [WCWH03]. splitting [PVG06, SJ91, WSH+03].
SPMD [Gup92, LZZ+11, OKB95, Ren11, RW93, WSA+94]. SPMD-style
[LZZ+11]. SpMV [YLL17, ZGG+14]. spoofing [GSASA19, KMMZ06].
Sporadic [DKK18, MAPF14, oCSS14]. Spot [LKK94, TY90a]. spots
[LK09]. Spread [REZN17, SY14]. Spreading
[MBMC19, LpJS+18, ZXG18]. square [BB85b, EL91, LTW+90, XBB07].
squared [RIZ90]. Squares
[CB95, ZY002, BB09b, HLS03, KAP90, LTW+90, SMKL93]. Squashed
[BG90a]. Squid [SP08]. SR [DYL+12, GRJ+15]. SR-IOV [DYL+12].
st-connectivity [BCMv15]. Stability [Wor93, KMS07, LXW+11, WCF14].
Stabilization [CG02, GH02, HPT02, NA02, ADDP19, DDNT10].
Stabilization-Preserving [NA02]. Stabilizer [AD02]. Stabilizing
[Ano02u, AS96, BGJDL02, BBCD02, DGDF10, Doj97, GH96, HNM02, KY02,
Kar02, NM02, AFNT17, ADD17, BFG+03, BBS13, BPBR11, BBD18, BDP16,
CDD10, CDD+15, CW05, CAK13, DLV11, DB08, DJ16, DPBNT12, G10,
GS03b, JM14, MM07a, PV07, Tur12]. stable [AMK+07, SKK14, SLW10].
Stack [PVGG06, CS06b, HSY10]. stackable [SSX14]. stacked [TLL+18].
Stackelberg [JTC+18]. stacks [ACH18]. Stage
[FT94, SZ00b, CC14, HDJ08]. staging [EDO05]. Staircase [Mck94].
stealing [BHP05]. Standard [CB99, PF08]. Star [FA95, KAM94, Lat95,
LK94, MJ94, OS97, OS93, PRW94, RW97, R Wy93, RLS96, SAOKMA02,
dBL95, AAD03, CM03, DFPr06a, FM+08, PK04b, SS05, WCC02, SRT+18].
star-access [DFP06a]. Star-Connected [dBL95]. Stardust [CP97]. Stars
[MR03, WCWH03]. starvation [LASS15]. starvation-free [LASS15]. stash
[YPCW16]. State [FKB17, HB97, HNM02, KM92, LSH+13, NC97, PSC+16,
ASK016, ASB18, AD12, CWLD05, GÔÔ16, GFPC14, KA05, LMR05,
LW06b, MS09, WCO+09]. State-based [LSH+13]. State-of-the-art
[PSC+16, WCO+09]. State-Space [NC97, MS09]. Statement
[AMB95, DR95, ALS01]. Statements [KHS96, SOG94]. States
[Kop97, TG97, FZ90]. Static
[AKSM08, BPN90, BSM08, CC91, ERA95, GF89, KKK+11b,
LC90a, LK94, LA04, MSd+95, OD95b, SSM+06, YMLP14, BSS+13, DK08,
KA08, KMS+06, Mcd89, PC11, SSMS08, SWP90, SSM+07, ZX011].
Statically [LB90, Mat06]. station [GPT06a, RBD08]. Stations
[DKMV01, DDNS06]. statistical [CMS18]. statistics [GA90]. steady
[LMR05]. steady-state [LMR05]. Stealing
[Ano00d, LS97, Ros99, DKKV15]. Stein [QOvdG01]. Steiner [LY10, Sta17].
Step [CW00, Bog17, KKR14, Yan04]. steroids [Bar05]. sticker [GPX08].
Sticky [Kop97]. STICS [HZY04]. Stigmergic [PR06]. STLTA [NKV14].
STM [HHS12, PGR17]. Stochastic
[CTD99, FX06, HPT+97, JSS92, QZ94, RS92d, SSM+16, SSMS08, ZS13,
BM11, CMT92, MM06, M896, MBO11, WW18b, WMG13].
Stochastic-based [SSM+16]. stop [BCC+18, LLT12]. Stopping
[BS99, AMT13]. Storage
[CLV95, HLL+95, LL95, BL05, BCK+09, CGG+09, FLGB10, HZY04, HK04,
HZHS18, JWH+17, KR12, Luc18, MAPF14, MPG17a, SXX14, SWW+17,
WCWO17, WW17b, XCLR07, XSYG18, YLYC11, ZV09a, ZWY+15,
ZFT+18, ZLZ+19, ZGG+14, ZWWX16]. Store [CP90, SNS05, VA07].
Store-and-Forward [NS95]. stores [ZWQ+16]. Storm [KKH17]. straight
[GC07, Wri91]. Strategic [RA11]. Strategies
[AM07, BDQ86, BHK+94, BCR96, CP92, CGA98, DL01, FF98, GJG88,
GM99, KL98, LHM95, Lun94, MS99a, OP98, SMH94, VB02, VA03, YB95,
YL98, Zhu92, ZM94b, BMARW07, BHS13, CMG14, DM94, GRV08, GM14b,
Superconcurrent [NRS95]. supercube [SSB91]. SuperNode [AT94].
superposition [dSAJ15]. Superscalar [LP97, LC13]. Superstabilizing
[KUFM02]. Supertoroidal [DF95]. supervision [BPA06]. supplier [SK11].
Support
[AL99, AH94, CP99, FKB08, KR97, KC99a, LTH97, LFH+93, MBL+92,
NS97, PL95, RPS93, TF92, YFS+15, BAL05, CCQ+06, CCC+04, CCK+08,
DRR13, GB11, HPB+10, Hus17, JBY+05, Kim11, NSDZ18, RR05, SD10,
SK91, SAB+92, SRI14, TYH09, TGPUC16, ZBR11, ZWR17, LST+13].
supported [YPCW16]. Supporting
[HA06, Sto87, WLNL06, BSW07, LSZZ15, SKMM04, ZTGL17]. supportive
[FCJG+18]. suppression [DZC17]. Surface [CWW+95, CY96, VDBRC13].
supervision [BPA06]. Surveil [BPA06]. Survivable [HWWH08]. susceptibility [DFST13]. suspect [XYG07].
sustainability [AK18]. sustainable [LS10]. sustained [RMHR17]. SVD
[CL88, RS08, ZB97]. SW [RBG17]. Swap [FPP+08]. Swapped
[Par05, ZXP09]. Swarm [LdPLC+19]. Sweep
[GHN93, DMFCHM03, GM14a, KMP+06, CMR10]. Switch
[ASH+01, CRD12, OK01, PD92, CL90, LHKL03, WLYW09]. Switch-based
[CRD12, LHKL03, WLYW09]. Switchable [SB84]. Switched [CCR94,
CS94c, GGN93, HK96, WB01, EB09, KYL05, LWG14, Nap90, PFY08].
Switches [KJ84, PL93, TF92, MG09, PY09a, PY09b, VAS+13]. Switching
[DRSB01, GB93, Guo94, LLY93, OY00, ST02, BKMCM17, BMIM07, CC14,
KG10, LCL10, WLD12, PL06, ST06, STK121, ZPK+14]. Sybil [YXX13].
Symbol [OWK14]. Symbol-level [OWK14]. Symbolic
[YJ96, CY94, WD18]. Symmetric
[BJ99, DSB02, DZD01, HOE+09, HIJ01, Kau94, Otu87, ABGV11, ADV14,
BC05, BW08, BB5b, EM89, KA03, VGAB08]. Symmetrical [IM94, QY94].
Symmetry [KEL00, HT90, MA03]. Symposium [OY13, WCT01, Ros07, Sni03].
SYN [XCH08]. Synapse [Ram92]. Synchronization [ASB97, AGW98,
ABP92, AH94, BA96, Cha95, CTC+10, FR92, GVA+08, JLL97, MRRV98,
OK95, PB95, RL06, RSS99, The02, WUG99, XMN92, CRA+08, FZC+05,
HMW07, HA06, HLS12, HZDP12, LA06, PB09, TG04, Tau16].
Synchronized [LNA12, JS86, XLL15]. Synchronizing [DKM01].
Synchronous [BCV05, CS95c, GV94, NSL99, OY00, SKR93, Sch91, Soh96,
ARP18, ABB14, DGDF10, FXW03, KVN17, MCS14, MEMEMH17,
PK05a, TBG+17, WTC08a, WTC08b]. synchronously [SP90]. synchronization
[CB15]. Synthesis [HL01, Lis90, PP92, BY+18, CKK+13, HDT+05,
KKB+06, TDAR18, WD18]. Synthesize [HLJ98, DSEP17]. synthesized
[MC17]. Synthesizes [RAM92]. Synthesizing [SL89, Che86]. Synthetic
[Pop91, AAK+13]. Sysplex [NK+97]. System
[BK95, BBD+91, BA01a, Bev02, BMM97, BJK96, CP92, CP99, DHR96,
DSD+97, DH95, DT92, FKB17, FPD93, GH90, HBCM99, HCS+00, HLL+95,
HWLR14, Kav93, KMB91, LP96b, Lu01, MWL00, MKY+97, MBL+92, MO97, MS96, NKC+97, NsPPC02, SEP96, SG96, Tse95, UR94, wXH00, ZMPE00, ZLH+18, dR09, ABC+88, AMK+07, BL05, BCK+09, BGA12, BMK05, BPP05, BSS+13, BYH+17, BJ18, CBP02, Car95, CLMRL15, CSW08, CCEB03, CK91, DS04a, DI91, DTK11a, DLW12, DMS+16, EC89, Fer90, GTGLSA12, GSASA19, HJ90a, HM06, HLBM16, HWL18, HMY+18, HHA14, Hus17, JW89, KHN17, KCD08, KSB11, KMF+05, KS13, KC04, LMSK18, LC91b, LLWC17, LY13, LHZ+18, LAC18, MM07a, MK08a, MC03, NAK04, NTC03, No12, OEY07, PKR08, PKN10, PLD14, PK05b, RV13, RBA+18, RAN+12, system

[SSM+16, SFT+13, SC04, SK91, SSX14, SSL04, SLG18, SM86, SV18, TKR+19, Udd19, VD04, Wan06, WHW17, WS06, WZQ+13, WYTX13, gWW18, YCH10, YXW18, YLB90, ZV09a, ZMC06, ZHH15, ZFT+18, ZKZF18, ZW13, Z06, dAAD+19, AGWY11, HCAA93, Sie16, Ski16].

System-Level [Kav93]. System-on-chip [DMS+16, LY13]. Systematic [IAS+92, KK95, LB89, WAS88, ZTLG17]. Systems [ASH+92, AM97a, AM97b, AMN00, AS13, AS15, Ano92c, Ano02u, ADS98, Bah00, BBM02, BBR94, BPR99, BW95b, Bou02, BN02, BS96b, BS96c, Cas93, CS93a, Cha94, CKK00, CY95, CK97, Cho93, CBoCD00, DDD+18, DSST95, DA97, DS96, DSW94, DAYA02, DG94, EMP+96, FGKT97, FTC97, GM99, GRR93, GKS00, HKT+91, HNM02, HLLY95, HTL99, HM99, IM94, IK94, ISZBM99, JR95, JH92a, JF95, JSM94, JRR99, KS97a, KBC+01, KCV99, KE93, KS93, KM91, KM92, LH92, LF92, LT94, MMR98, MAS+99, MT95, MVMR97, MM93, MRR+02, MC93, Mir91, NSS97, NMS93, Nie94, NDZA99, OM84, PA96, PB99, PT01, Pov99, PP92, QY94, QGB+17, Raj01, RDS02, RA96, SM94, Sch91, Ser97, SL95, SRGB90, SSR94, Sun02, SFC17, THN+93, TH02, TY95, W092, WF93].

Systems [WF96, WUG99, XH91, YH97, ZR00, Zia92, ZM94b, van96, AL04, ALM+16, AA16, AAK+13, AOSM04, AOSM05, AD12, AFM09, AF06, ACCP12, AAI+15, ABBD14, AH06, BMB+08, BCCQ13, BB03, BDGR13, BOKS19, BW90, BRP03, BS00, BKMT14, BD04, BPB05, CWLD05, CMLGRL18, CRK+09, CF88, Car90, CCS06, CKWT17, CTC11, CV909, CRJ10b, CASD18, CGW+03, CI86, CP17, CAF+11, COF+17, CSW+17, DZC17, DK08, DFP06a, DB11, DR19, DDNT10, DGFGK05, DGDF10, DM04, DWYB10, DM90c, DQR+09, DO06, DUBL+12, DW04, DH91b, FJC04, FWM+10, FPS11, FLCB10, FX10, GMMP12, GZG+17, GL89, GNT04, GMVRGS16, Gos90, GS91b, GWWL94, GC05, GRR13, GBNM07, GF89, HRC09, Ha05, HC09, HOE+09, HBC15, HCZ04, HSS06, HA06, HP06, HA91, HA05, HHK15, IRRS16, IS06, JSWB92].

systems [JMS86, JKE13, JST12, JLM08, JL11, JZZ+17, JWH+17, Kak15, KKR14, KHW13, KVA18, KME89, KVNV17, KUA07, KyLPC17, KSG13, KAS07, KL05, KMS10, Kub17, KMS+06, Lai86, LLLC15, LWC+18, LFS16, LT02, LTL06, LGZ+10, Lan09, LZ11, LL06, Lee90, LHF91, LHK03, LJ05, LAK10, LZCY09, LASS15, LZ05, LC90a, Li06b, LVP07, LQM+12, LNAL17, LLCL19,
LW89, LPLFMC+12, Lop13, Lop18, LCM+06, Luc18, LLS07, LM09, LXZ13, LWW12, MGSG12, MLMSGM12, MB13, MP10, MMK+11, MAHKZ12, MAKWZ13, MS86, MTS90, MFVP08, MLK12, MSK+16, MBH+08, MGRKR14, MRT18, NLB+18, NFHL13, ND12, NZY+11, OSL14, OPRI18, PMV05, PMV06, PLSM18, PRHB06, PC11, PSB+19, PH16, PTA08, PF91, PMOD11, QGZP17, RLA+16, RLA+17, RHL03, ROE+18, RN04, SSFP11, SW12, SDTD04, SP08, SPH13, SFT+13, SYYU07, SS08, SCB09, SU87, SHE09.

systems [SCS+08, SCMS12, SXZ06, SHLN09, SY04, SHL+13, SCJ+08, SS18, Sie16, SLKK13, SH13, ST05, TLL10, TLLV10, TMS15, TW89, Ter16, TRSS06, TB90, TCHC12, UAKI06, VMMB10, VS16, WCWO17, WXZ05, WTC08a, WTC08b, WDDK09, WLST16, WZZ+17, WWW17b, WWY+18, WSF91, Win85, WD92, CL85, Dja06, EL91, KT89, KH84, MP88, PYP10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

Systems-on-Chip [ORWT+18]. Systemic

Systolic [AMS94, BPST96, BMM97, BL90, CDR90, GE94, IPK85, KL84, LJ86, MM00, Meg91, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH84, MP88, PYP10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

T [CRJ10a, PTK+13]. T-L [CRJ10a]. Table [HZL18, LACJ18]. Tables [TT10, ASD09, HKW05]. Tabu [BSH15, CSA13, CB11]. Tackling [SMT15].


TAM [CGSV93]. Target [ERL90, CJDC10, KO11, NDPI3, 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, JZZ11, KLZ97, KA97, KA99, LL88, MT97b, MV94, MT97b, Ram92, TY90b, Tse90, Win85, WD92, CL85, Dja06, EL91, KT89, KH84, MP88, PYP10, PS88, Sch89b, ST87, ST89, THSS87, Ume85, WAS88, Zim90].

task [CRK+09, VRGS17]. Task-Level [HKT+91, SBK90]. task-scheduling [Kim17].

tasking [Lun90]. Tasks [ABM+92, BS8+01, DJ08, ERL90, Hag97, Lat95, LWY97, MAS+99, MMVR97, NMS93, PS93, RDS02, Sin87, AOSM05, BFM+18, BHLT14, BH05, BSMH08, CCK11, CDJ+89, DRR13, GK15, HMR15, HWLR14, IKS87, KUA07, KSS+07, KMS+06, LMILGL17, LH03, LI06a, LI06b, LQM+12, LB09, LLS07, PK05a, PDB13, RR05, SM+16, SBQ12b, SSNCP12, SSN+07, XL15, ZV09b, ZHLLQ12, DS11].

Taxonomy [FEH+14, HM96, Sin93, HBC15]. TCP [BM11, VLL+14].
TFDL [SBKB90]. TDM [LLJ00b]. Teaching [CTS17, Eij18, LB18, PBB+17, PGKV18, Ada17, FKR+17, GAC+17, HSS17, Kum17]. team [NKSA17]. TEASE [ZBR11]. Technical [Ano93a]. Technique [BN94, CLV95, DAYA02, Fer95, KBG92, PM96, ZLPP01, ASKTZ13, CX05, CRD12, DeG88, EE05, KK11, Nes10, Nic88, PVGG06, RBB17, WCF14].

Techniques
[ADM+94, CS95b, Dah99, ELS94, FY97, Gil94, GS00, HILLY95, HTL99, JSCB95, KGV94, NPY+97, PA96, PYF08, RS99, Tuy02, UZSS96, ARP18, AOSM04, BBR13, CDB04, CDR09a, CD95, DJDK19, FM85, Gao89, GRR+05, KA08, LPK+10, LP88, MBW16, Pla08, RM11, Raj08, RG87, SFEF06, TZ07].

Technology [Ano02v, ER97, GC95, MRR+02, OB88, PBB+17, PGKV18, TMM06].


template [EFG+14, RS90a]. Templates [ADS98, DP00]. Temporal [GSG+93, Lo92, RJA97, SHL+13, VWH96, BKS91, CRWX12, WCF14, XYZW14, YDTZ18, DFLO17]. temporary [Wan06]. Ten [TAS+01, KA08].


Terminating [Lin93c, MS15]. Termination [ASR93, CW93, HTB98, KHK03, Lai86, Ric98, Tse95, BFTV87, CV90, Eri88, MD07, MFVP08]. ternary [GNW03, KRM14]. Test [GRS97, PKK91, So96, WW97, ALLM11, DWH97, LGT14, NCA+12, dMS18, ALLM11]. test-and-treatment [DWHL87]. testbed [HGF10, LBE03]. testbeds [VPML06]. Testing [CY95, GF8+92, GS99, KW02, WG93]. tests [Ps96]. tetrahedral [CZ+17, LWC15]. text [BV13, PAG+18, SWW+17, WD13]. Their [Kop97, BM08, CRWX12, S86, TMD05]. Themes [RCY97].

Theorem [SHSH17]. Theoretic [AaJS01, KK10, MGRRK14, PC11]. Theoretical [HC97, LZ11, CKT11]. Theory [CC08, DM90a, PTA08, VBM90, LZC12, BDjQ18, BM08, GRD05, Zim90].

Thermal [SHSH17, LFS16, OJP+18, SNMB16]. thermal-aware [LFS16]. thermally [TKKH17]. theta [LL18, STM18]. theta-join [LL18]. thin [ST08a]. things [AMU+19, TKR+19, CMS18, DAPR18, ECP+18, HMY+18, NLB+18, WHC+18, WCCH18, YWW+18]. thinking [CCE+17]. Thinning [KLP10]. Thread [KCSS18, OTKT12, CM14, CDAN14, DWWY10, LK13, RSCQ17, SLG06, ST05]. thread-parallelism [RSCQ17]. Threaded [NS97, BHH+17, KEP03, MK15, PYP+10, CGSV93]. threading [Ngo06].

Threads [GC96, LFA96, SEP96, TG99, DKRI09, PMdO11, PL03b]. threat [HMY+18]. threats [CWCW18, MMN+18, SFEF06, TKG+17]. Three [FCG04, FLS+97, FT94, GG01, GH96, KR98, NEG85, PD92, SSG93, SSOB02, YMR93, ANEA13, LW06b, LDS16, YJL16, ZFS07]. three-body [YJL16].

Three-Dimensional [FLS+97, KR98, NEG85, FCN04, ANEA13, LDS16].

Three-Stage [FT94]. three-state [LW06b]. Threshold
[BFMT\textsuperscript{+18}, CGA98, NKV14, PAM94, LWXX19, Nik04]. Threshold-Based [CGA98]. throttle [XCH08]. Through-Wafer [MLW\textsuperscript{+97}]. Throughput [FM99b, HWC08, HB11, JSS92, MMVL11, BS07, BLMB13, CLA\textsuperscript{+18}, DW12, GRR13, HVLW16, HWLR14, KSB11, LMSK18, LMR05, LHX\textsuperscript{+16}, LNC13, SA11]. Throughput-coverage [HWC08]. Throwing [Tse95]. tickets [LMJC11]. tier [MZZC12, MCZ14, WQL14]. Tight [BBH\textsuperscript{+98}, FSZ07, Mat06, CH06a]. Tile [LCJ\textsuperscript{+18}]. tiled [JHF\textsuperscript{+17}, WQZ\textsuperscript{+13}]. Tilera [PCMM\textsuperscript{+17}]. Tiling [AR97, CW99, RS92a, CH06a]. tile [LCJ\textsuperscript{+18}]. tiled [JHF\textsuperscript{+17}, WQZ\textsuperscript{+13}].

Time [AAL95, AK93, Ana14, Ano92c, ADS01, BPJG92, BBM\textsuperscript{02}, BA96, BM04a, BOSW94, BH93, BGOS95, BTZ98, BA01b, CW00, CB15, CS93a, Cha94, COS\textsuperscript{+95}, DP98, DS01, DJ98, DD95, EL97, EMP\textsuperscript{+96}, Fak96, FBK98, FTY97, GS99, GM00, HRG\textsuperscript{+11}, HA92, JR95, JH92a, KS97b, KEA95, LTWY95, LTY96, LR90, LAS\textsuperscript{+97}, LFA96, MMRS98, MT95, MMVR97, Mat93, MDD97, Moh97, MSST99, MS99b, Nas94, NIR86, NH93, NP09, OYO90, OOW95, OS96b, OSZ98, PW96, PLY15, Pe90, Pe95, PS93, PM96, PM92, QMCL94, RDS02, RU99, RAS96, Rie98, SCMB90, STN92, Sm02, TBBF97, TVS97, WBTM09, WA02, WS97a, WLID02, ZLPP01, Zim96, van96, AOSM04, AOSM05, ACCP12, BP02, BGV14, BGDR13, Bog17, BPP05, BW18, BKK\textsuperscript{+11}, CH06a, CCK11, CRJ10a, CRJ10b, CLL09, CLR90].

time [CCN06, DLV11, DKRC\textsuperscript{+15}, DKO04, EDO05, FC14, FKL108, GZG\textsuperscript{+17}, Gos09, GF89, GREC91, HOVC09, HA06, HV13, HL07, HZDP12, JZZ\textsuperscript{+17}, JHL\textsuperscript{+18}, KKR14, KSSL16, KK17, KRL87, KSG03, LFS16, LR14, LHK03, Lee03, LST17, LQCY90, LLY15, Li16, LBB\textsuperscript{+18}, LML\textsuperscript{+10}, Lis90, Lo92, MHLZ16, MLDG12, MAM05, MAKW13, NA06, NVK\textsuperscript{+11}, QJ05, RLH03, SB86, SS11, SA19, SZB16, TBZ105, TZH\textsuperscript{+06}, TPS\textsuperscript{+18}, VWHL96, VA07, Wan07, WTC08a, WTC08b, WL05, XL11, XO05, ZZJ\textsuperscript{+18}, ZHI15, ZQMM11, ZHLQ12, ACD\textsuperscript{+93}, CBP02, CX05]. time-aware [MHLZ16]. Time-bounded [NP09]. Time-Division [QMCL94, ZLPP01]. Time-division-multiplexed [HRG\textsuperscript{+11}]. time-domain [SS11]. Time-Efficient [EL97, MS99b].

Time-Optimal [BOSW94, OS96b, OSZ98, Pe90, Lis90]. Time-optimized [Ano98c, Ano99b, Ano01i, Ano02d, Ano03b, Ano04a, Ano18y, Ano18z, Ano18-27, Ano18-28]. Time-parallel [WBTM09]. time-scale [ACCP12], time-sliced [KRL87]. time-space [BW18]. Time-Step [CW00]. time-step-based [KKR14]. time-targeted [BK\textsuperscript{+11}]. time-Varying [KEA95]. Timed [NM95]. timeliness [IS07]. times [SFT04]. timestamps [MS02]. Timing [ADS01, BSS99, CB99, Kar92, CSJ\textsuperscript{+13}, FVB09, IS07, KKK\textsuperscript{+11b}].

Timing-Driven [CB99]. TlmMANN [VM95]. Title [Ano98c, Ano99b, Ano00c, Ano01i, Ano02d, Ano03b, Ano04a, Ano18y, Ano18z, Ano18-27, Ano18-28]. TLA [SHL\textsuperscript{+13}]. Tlib [RR05]. TM [FKKR16, FWM\textsuperscript{+10}]. Toeplitz [GOH\textsuperscript{+13}, ABGV11, ADV14, BBd90, HM99, Ter16, VGAB08]. Toeplitz-based [GOH\textsuperscript{+13}]. Together [WLID02]. Token [AE95, BGJL02, CP90, FFK97, GH96, HP00, ZZJ\textsuperscript{+18}, CRD12, HSW04, PV07]. Token-Based [AE95, BGJL02, HF00]. Token-Chasing [ZZJ\textsuperscript{+18}]. Tokens [SA93, SGAC14]. Tolerance
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[BSS97, Piu01, PM92, mYyF92, BJ15, BDDL09, CLMRL15, CWL+07, CDR09a, LCC+05, LH05, LFGM17, LP88, Pak89, PAS15]. Tolerant
[AE95, AM97a, AM95, BMM97, BW95b, BCH95b, CRV94, CL93, CC94, CF98, FM99b, GRR93, HGCC96, HTHH02, KP00, Lan94, LBT94, LC96, MD01, PB95, PKD97, SCC92, SS95, WIKC97, Wu94, YBOY97, ZYO02, AA14, AA16, ANEA13, AOSM05, AH11, ABBD14, BB87, BXA08, BKMT14, BPA06, BPP05, CL91a, CKN07, CDR09b, CMT92, CMS04, DBCF13, DTK11a, DH91b, FLPJ07, FABG+19, GNS09, JBA15, JBS14, KG10, LDZ+17, LFZ+17, LAC18, LGG08, MPG17b, NCB+17, PR06, PL06, TCHC12, WW12, WYW15, XCS06, XHZZ16, mYA91, ZV09b, ZJ06]. Tolerate [VR95]. Tolerating [DT02, GS00, MG91].

tomography [BDRB14, FCG04, FGG08, KSSL16, KDO+13, PLL+03, XTN12]. Tool [BN94, DBKF90, ZNQ93, Ada17, ACD+18, KKVI05, uRIL+18, TD07].
toolbox [EFG+14]. Tools [Bal90, Cas93, MLC+90, MSH90, NT90, DMS+16, FEH+14, GAC+17, MC03, YT05]. Top [SSKS11, Sch89b, TAS+01, IRRS16]. Top- [SSKS11]. Top-down [Sch89b]. topic [dAAD+19]. topic-based [dAAD+19]. Topics [Ano16l, Kum17]. topography-aware [SK05a]. Topological [DC94, Par05, YN92, PL06]. Topologies [YZY96, YM01, SL89]. Topology [CCM92, DS96, Seb95, TKKH17, WLY01, WHS+18, AP91b, AHA+16, DB08, GL12, GL90, KBC+10, LCW05, LMP10, BBBD13, PMCC18, RCG18, Seb91].
topology-aware [KBC+10, BBBD13]. TOPSYS [BB93]. Tori [LHS97, MT93a, Man97, AB03a, GL06, LXLS12]. Tornado [HK04].
toroidal [AB05]. Torus [CT96, RMC97, WB01, YMG01, DM17, Lai15, RH05]. Total [CW00, CHC05, BCM06, BG05, CB15, Dim04, SL89]. TPC [DZDZ01].

TPC-C [DZDZ01]. Trace [JKIE13, LC13]. traces [MTM10, NRM+09]. Tracing [RGS00, BM16, BM17b, CDB04, CS17]. Track [MD01]. Tracking
[BFKP04, CJDC10, IIH+17, KO11, NDP13, PLSM18, TCS+10, WW07, WXZ+18]. Trade [BCLR96, GK98, LPU97, CLR90, ECLV12, LC16].

Trade-Off [BCLR96, GK98, LPU97, ECLV12]. trade-offs [CLR90, LCB16]. Tradeoff [TSHH01, HW08, NLB+18]. Tradeoffs [MP15, CGKY12, PCMM+17, SDS10, YZW+15]. Trading [MPG17a, ZLL14]. traditional
[BBCLL04]. Traffic [AA95, DSS95, FT94, KC95, LK94, OY00, TF92, BJ18, CRD12, FL86, FMM+08, LK90, LHLM14, MPG17a, OOSGVG+16, SAOKM03, 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, MLMSM12, UBES10]. Transceiver [DKMV01]. Transfer
[Lu01, APK18, CK06, JKV15, LGG08, WH17]. transferability [CSS11].

Transferring [SZR+18]. Transfers
[NSSS99, GLGLBG12, LMGLGLG17, SCMH13]. Transform
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
[BA95, CP91, DS01, Fer93, GZ97, HN91, JS94, Lla17, CVJ09, DS04a, DPRW85, ESTA94, FSD04, IH16, SSL04, TKHG04, CVK+18a, LLCL98]. Transformation [MG98, SC91b, WD92, FM85, GJG88, MRRT07, Tur12]. Transformations [HBH93, OK02, AM17, JV09, Kan05]. Transformer [LLY15]. Transforming [LW16b]. transforms [TS91].
TrustGuard [SL06], trustworthy [MHLZ16], Truthful [WGS08], TSGL [ACD+18], tsunami [NSKN17], TT-XSS [WXZ+18], tumors [HES11].

Tunability [CKK00], tuned [PSB+19], Tuning [CSMML10, SB02, TdAR18, ABGV11, APK18, HPT07, KKR14, MYD+11, MML07, uRIL+18]. Tunnel [ZBR11], Tunnel-based [ZBR11], Tuple [STKW12, DRT07, LiPLC+19].

Turbulence [LLCC02, PLK+18], TWDM [LLJ00b].

Two [AaJS01, BNS00, BBH+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, dlAMCFN12].

Two-Dimensional [LP96b, YCY+00, NAK04, AB05, Deh90, LC91b], 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, BBH+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, dlAMCFN12].

Two-Way [LK94, LLCC02]. Type [HOR4, SC91b, BFH09, GA18, GNZ18, QGL+09, MV94, MVV91]. types [ASB18, RJKL11].

UC [BCD95]. UCT [AKPT99]. UDP [ZBF05]. UET [AKPT99].

UET-UCT [AKPT99]. UET/UCT [AKPT99]. ultra [BM16, FABG+19, RW02]. ultra-large-scale [RW02].

ultra-low [FABG+19], ultra-scale [BM16], ultrametric [YZL90].

ultrasound [BDRB14]. unauthentic [MLSMG12], unbiased [BW18], unbounded [SP90].

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